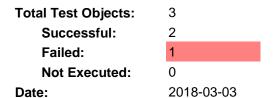
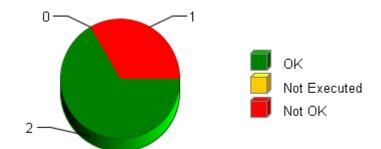


Summary

Time:

Overall Test Object Results (including Coverage)





Selected Project Items

Test Object "CBD UnitTest/PsaAgArbn/PsaAgArbn Init1"

Test Object "CBD_UnitTest/PsaAgArbn/PsaAgArbn_Per1"

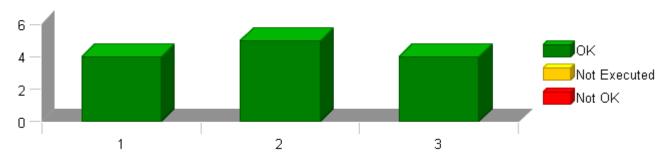
Test Object "CBD_UnitTest/PsaAgArbn/PsaAgArbn_SCom_PsaAaCmd"

17:44:00+0530

Used Test Environments

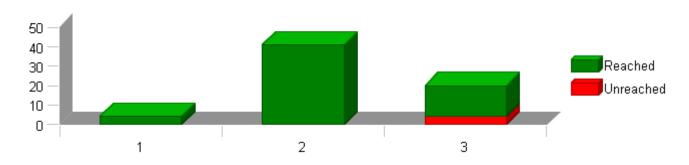
TI TMS 570 PLS UDE (Default)

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).

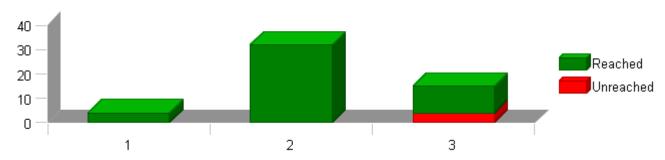
Statement (C0) Coverage: Total Statements for Each Test Object





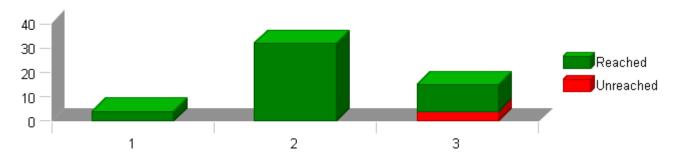
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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.

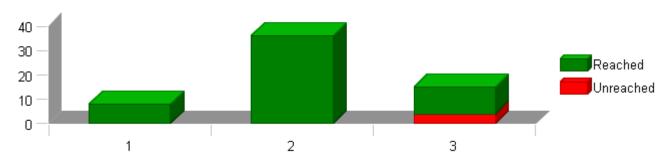
Decision Coverage: Total Decision Outcomes for Each Test Object



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.

TEST OVERVIEW REPORT

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Project PsaAgArbn_CF039A

Test Object List

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	Test Cases	Result
	PsaAgArbn_CF039A	93.84 %	92.15 %	92.15 %	93.22 %	13 of 13 passed	*
	CBD_UnitTest	93.84 %	92.15 %	92.15 %	93.22 %	13 of 13 passed	×
	PsaAgArbn	93.84 %	92.15 %	92.15 %	93.22 %	13 of 13 passed	*
1	PsaAgArbn_Init1	100 %	100 %	100 %	100 %	4 of 4 passed	•
2	PsaAgArbn Per1	100 %	100 %	100 %	100 %	5 of 5 passed	✓
3	PsaAgArbn SCom PsaAaCmd	80 %	73.33 %	73.33 %	73.33 %	4 of 4 passed	18

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PsaAgArbn_SCom_PsaAaCmd



Project PsaAgArbn_CF039A

Module PsaAgArbn

Test Object PsaAgArbn_SCom_PsaAaCmd

Instrumentation: Test Object Only

Statement (C0) Coverage 80 %

Decision Coverage 73.33 %

Branch (C1) Coverage 73.33 %

MC/DC Coverage 73.33 %

Statistics

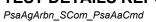
Total Testcases	4	
Successful	4	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP	
Configuration File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\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)\PsaAgArbn\src\Ap_PsaAgArbn.c	
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -Dinline= -D_extern= -Dconst= -I\$(PROJECTROOT)\PsaAgArbn\tools\Contract -I\$(PROJECTROOT)\PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler InstaPath)\include	
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c	
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D_inline= -D_extern= -Dconst= -I\$(PROJECTROOT)\PsaAgArbn\tools\Contract -I\$(PROJECTROOT) \PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include	

Name	Text
Module 'PsaAgArbn'	Name of Tester: Ashish John Code File(s) Under Test:Ap_PsaAgArbn.c Code File(s) Version: 6 Module Design Document:PsaAgArbn_MDD.docx Module Design Document:PsaAgArbn_MDD.docx Module Design Document Version: 4 Data Dictionary Version: 6 Unit Test Plan Version: 5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes): 3380 Total RAM Used (Bytes): 75 Total CALS Used (Bytes): 86 Special Test Requirements:NA Test Date:3/3/2018 Comments: Note1: The Inline functions are not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3: The Expected outputs are calculated from MATLAB model. Note4: Local functions "ESCOffsMngr", "OffsConsistencyFitMngt", "SnsrMon", "SnsrSupv", "RecommendedState", "GenRawAbsItHwPosnSignals", "VehCondChk" and "SwitchOffs" are not tested individually as they are tested in function "PsaAgArbn_Per1 For snapshot please refer "PsaAgArbn_PsaAgArbn_Per1_Coverage". Note5: In function "ESCOffsMngr", low path Coverage for MC/IDC exists at source line no. 1267.

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\obj		





Attributes			
Name	Value		
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src		
Linker File	\$(TESSY_SYSPATH)\compiler\ti\tms470\sys_link.cmd		
Makefile Template \$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl			
Target Install Path \$(ProgramFiles)\pls\UDE 4.4			
Time Unit	cycles		
Timer Enabled false			
Timer Prescale	0		
Timer Resolution	1		
UDE Config File \$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NOUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			



Test Case 1: Metric Test

PsaAgArbn_SCom_PsaAaCmd

Description

Vector Description:

TS1.1"Shortest execution path:
if (PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc != D_FALSE_CNT_LGC)==>F"
TS1.2"Longest execution path:
if (PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc != D_FALSE_CNT_LGC)==>T && switch
(DiagCmd_Cnt_enum)==>PSAAGARBNDIAGCMDREQ_DIAGCENTR &&
if (PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)==>T"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	0		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0		
PsaAgAn_ResetEsc_Cnt_M_lgc	0		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	0		
k_PsaAgAn_EpsPrec_HwDeg_f32	0		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 1.2 (Repeat Count = 1)	Test Step 1.2 (Repeat Count = 1)	
Name	Input Value	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	966.058411	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	695.856323	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-5.78649998	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	

PsaAgArbn_SCom_PsaAaCmd

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Name	Input Value		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-230.894302		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1210.87109		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArb	n	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-920.167603		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-958.922424	-958.922424	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOff	target_Pim_PsaAgArbnLrndOffsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-2.78649998	-2.78649998	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-8.78649998	-8.78649998	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-2.78649998	-2.78649998	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-8.78649998	-8.78649998	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-2.78649998	-2.78649998	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-8.78649998	-8.78649998	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target Pim PsaAgArbnLrndOffsData.MinSrc	1	1	✓

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

Test Case 2: Range Sheet

Description Vector Description:

TS2.1All Min
TS2.2All Max
TS2.3DiagCmd_Cnt_enum==>PSAAGARBNDIAGCMDREQ_DIAGNOACTN
TS2.4DiagCmd_Cnt_enum==>PSAAGARBNDIAGCMDREQ_DIAGRSTREQ
TS2.5DiagCmd_Cnt_enum==>PSAAGARBNDIAGCMDREQ_DIAGCENTR

Test Step 2.1 (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
DiagCmd_Cnt_enum	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$

 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$

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PsaAgArbn_SCom_PsaAaCmd	10 00 00, 11.23.20 .0000		Razoncat
Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndO	ffsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

0

0

0

Test Step 2.2 (Repeat Count = 1)			√		
Name	Input Value				
DiagCmd Cnt enum	2				
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679				
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679				
PsaAgAn ComputedOffs Uls M str.MaxSrc	2				
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2				
PsaAgAn EscProc Cnt M Igc	1				
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630				
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1				
PsaAgAn ResetEsc Cnt M Igc	1				
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL				
PsaAgAn UsedOffs Uls M str.MaxOffset	1679				
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679				
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2				
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2				
Rte Inst Ap PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbr	1			
k_PsaAgAn_DiagPrec_HwDeg_f32	20				
k PsaAgAn EpsPrec HwDeg f32	20				
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679				
k PsaAgAn OffsDataInitMaxSrc Cnt u08	2				
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679				
k PsaAgAn OffsDataInitMinSrc Cnt u08	2				
target Pim PsaAgArbnLrndOffsData.MaxOffset	1679				
target Pim PsaAgArbnLrndOffsData.MinOffset	1679				
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2				
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2				
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	sData			
Name	Actual Value	Expected Value	Result		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1670	1670	•		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1590	1590	•		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•		
PsaAgAn_EscProc_Cnt_M_lgc	1	1	•		
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1670	1670	•		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1590	1590	•		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	•		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	•		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	•		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	•		
target Pim PsaAgArbnLrndOffsData.MinSrc	2	2	•		



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.3 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	0		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0		
PsaAgAn ComputedOffs Uls M str.MinOffset	0		
PsaAgAn ComputedOffs Uls M str.MaxSrc	0		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_Igc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0		
PsaAgAn ResetEsc Cnt M Igc	0		
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0		
PsaAgAn UsedOffs Uls M str.MinOffset	0		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

	Test Step Call Trace				✓
	Actual Function	Count	Expected Function	Count	Result
,	*none*	0	*** No Call Expected ***	0	~

Test Step 2.4 (Repeat Count = 1)	✓
Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*



PsaAgArbn_SCom_PsaAaCmd	70 00 00, 17.20.20 0000		Razorcat
Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArt	on	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0	✓

target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.5 (Repeat Count = 1)			· ·
Name	Input Value		
DiagCmd Cnt enum	2		
PsaAgAn ComputedOffs Uls M str.MaxOffset	*none*		
PsaAgAn ComputedOffs Uls M str.MinOffset	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*		
PsaAgAn_EscProc_Cnt_M_lgc	*none*		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*		
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*		
PsaAgAn_SnsrMod_Cnt_M_enum	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArb	n	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•

PsaAgArbn_SCom_PsaAaCmd

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Name	Actual Value	Expected Value	Result
Name	Actual Value	Expected value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Case 3: PIM Range Sheet

Description

Vector Description:

TS3.1PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Min TS3.2PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Max TS3.3PsaAgAn_SnsrMod_Cnt_M_enum=>PSAAGAN_MODININ TS3.4PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODREL TS3.5PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODABSLT TS3.6PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODABSLT TS3.6PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Min TS3.8PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Max TS3.9PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Pos TS3.10PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Zero TS3.11PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Zero TS3.11PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Neg

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	0		
PsaAgAn ComputedOffs Uls M str.MaxOffset	1577.36597		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	363.148285		
PsaAgAn ComputedOffs Uls M str.MaxSrc	0		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	695.856323		
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0		
PsaAgAn ResetEsc Cnt M Igc	0		
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	158.610596		
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	-230.894302		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	1		
Rte Inst Ap PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbr	1	
k PsaAgAn DiagPrec HwDeg f32	2		
k PsaAgAn EpsPrec HwDeg f32	1		
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630		
k PsaAgAn OffsDataInitMinSrc Cnt u08	0		
target Pim PsaAgArbnLrndOffsData.MaxOffset	603.284302		
target Pim PsaAgArbnLrndOffsData.MinOffset	1438.34387		
target Pim PsaAgArbnLrndOffsData.MaxSrc	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	sData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1577.36597	1577.36597	resur
PsaAgAn ComputedOffs Uls M str.MinOffset	363.148285	363.148285	
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0	
PsaAgAn EscProc Cnt M Igc	1	1	
PsaAgAn ResetEsc Cnt M Igc	0	0	
PsaAgAn UsedOffs Uls M str.MaxOffset	158.610596	158.610596	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-230.894302	-230.894302	·
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	
target Pim PsaAgArbnLrndOffsData.MaxOffset	603.284302	603.284302	
target Pim PsaAgArbnLrndOffsData.MinOffset	1438.34387	1438.34387	
target Pim PsaAgArbnLrndOffsData.MinOffset	0	0	
target Pim PsaAgArbnLrndOffsData.MinSrc	1	1	
target_rim_r sanghibitetitidOllsData.lviiiiolt	1		

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Test Step Call Trace				•	•
Actual Function	Count	Expected Function	Count	Resul	1
none	0	*** No Call Expected ***	0	•	ř

Name	Input Value		
DiagCmd Cnt enum	0		
PsaAgAn ComputedOffs Uls M str.MaxOffset	1054.88733		
PsaAgAn ComputedOffs Uls M str.MinOffset	165.316193		
PsaAgAn ComputedOffs Uls M str.MaxSrc	0		
PsaAgAn ComputedOffs Uls M str.MinSrc	2		
PsaAgAn EscProc Cnt M Igc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	561.308289		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-414.77771		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-961.815491		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1539.43567		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	695.936096		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsl	Data	
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1054.88733	1054.88733	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	165.316193	165.316193	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-414.77771	-414.77771	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-961.815491	-961.815491	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target Pim PsaAgArbnLrndOffsData.MaxOffset	1539.43567	1539.43567	•
arget_i iii_i oarigriione.iiaonobata.iiiaxonoct			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	695.936096	695.936096	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.3 (Repeat Count = 1)	✓
Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1093.96155
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1129.74146
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	371.997192
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-227.5578
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1438.34387
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1

 $target_Pim_PsaAgArbnLrndOffsData.MinOffset\\target_Pim_PsaAgArbnLrndOffsData.MaxSrc$

 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$



PsaAgArbn_SCom_PsaAaCmd	10-00-00, 11.23.20 10000		Razorcat
Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArt	on	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.8031		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1210.87109		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	374.997192	374.997192	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	368.997192	368.997192	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	374.997192	374.997192	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	368.997192	368.997192	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.8031	-1096.8031	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

1210.87109

2

1210.87109

0

2

Test Step 3.4 (Repeat Count = 1) Name	Input Value		
	2		
DiagCmd_Cnt_enum	1397.49915		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1588.20093		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1506.20093		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1		
PsaAgAn_EscProc_Cnt_M_lgc	-680.833801		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	-680.833801		
	0		
PsaAgAn_ResetEsc_Cnt_M_lgc			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	281.804413		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	695.936096		
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	h.a.	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgAr	DN	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1384.46863		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	6.48530006		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	w = .	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndO		
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-677.833801	-677.833801	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-683.833801	-683.833801	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•
PsaAgAn_EscProc_Cnt_M_lgc	1	1	
PsaAgAn_ResetEsc_Cnt_M_Igc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-677.833801	-677.833801	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-683.833801	-683.833801	

PsaAgArbn_SCom_PsaAaCmd



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1384.46863	-1384.46863	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	6.48530006	6.48530006	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	2		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	966.058411		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	695.856323		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn ComputedOffs Uls M str.MinSrc	1		
PsaAgAn EscProc Cnt M Igc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-5.78649998		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-230.894302		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1210.87109		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k PsaAgAn DiagPrec HwDeg f32	2		
k PsaAgAn EpsPrec HwDeg f32	1		
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-920.167603		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-958.922424		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsI	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn ComputedOffs Uls M str.MaxOffset	-2.78649998	-2.78649998	~
PsaAgAn ComputedOffs Uls M str.MinOffset	-8.78649998	-8.78649998	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-2.78649998	-2.78649998	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-8.78649998	-8.78649998	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-2.78649998	-2.78649998	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-8.78649998	-8.78649998	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	~

Test Step 3.6 (Repeat Count = 1)		✓
Name	Input Value	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-883.044983	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	561.308289	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	

PsaAgArbn_SCom_PsaAaCmd

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Input Value PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 966.058411 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -961.815491 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1093.18896 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MaxSrc}$ 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc Rte_Inst_Ap_PsaAgArbn $target_Rte_Inst_Ap_PsaAgArbn$ k_PsaAgAn_DiagPrec_HwDeg_f32 2 k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k PsaAgAn OffsDataInitMaxSrc Cnt u08 n k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 549.103516 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ target_Pim_PsaAgArbnLrndOffsData.MinOffset -1311.58862 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ target_Pim_PsaAgArbnLrndOffsData.MinSrc $target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData$ target_Pim_PsaAgArbnLrndOffsData **Actual Value Expected Value** Name Result PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 969.058411 969.058411 963.058411 963.058411 $PsaAgAn_ComputedOffs_Uls_M_str.MinOffset$ PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 1 1 PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 $PsaAgAn_UsedOffs_Uls_M_str.MaxOffset$ 969.058411 969.058411 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 963.058411 963.058411 $PsaAgAn_UsedOffs_Uls_M_str.MaxSrc$ PsaAgAn UsedOffs Uls M str.MinSrc 1 549 103516 549 103516 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ target Pim PsaAgArbnLrndOffsData.MinOffset -1311.58862 -1311.58862 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ target_Pim_PsaAgArbnLrndOffsData.MinSrc

Test Step Call Trace					✓
Actu	al Function	Count	Expected Function	Count	Result
none	e	0	*** No Call Expected ***	0	~



PsaAgArbn_SCom_PsaAaCmd

Test Step 3.7 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	2		
PsaAgAn ComputedOffs Uls M str.MaxOffset	1200.32275		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	371.997192		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2		
PsaAgAn EscProc Cnt M Igc	1		
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-1630		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1438.34387		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1544.42578		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	158.610596		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	152.828598		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1627	-1627	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1633	-1633	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1627	-1627	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1633	-1633	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	158.610596	158.610596	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	152.828598	152.828598	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.8 (Repeat Count = 1)	✓
Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-278.012787
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-680.833801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	695.936096
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	68.6708984
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630

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Name	Input Value		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-414.77771		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1332.03845		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1633	1633	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	1627	1627	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1633	1633	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1627	1627	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-414.77771	-414.77771	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1332.03845	1332.03845	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.9 (Repeat Count = 1)			
Name	Input Value		
DiagCmd_Cnt_enum	2		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1359.82544		
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-5.78649998		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1165.98853		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1210.87109		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1646.62024		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbi	n	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1500.92114		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOff	sData	
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1168.98853	1168.98853	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1162.98853	1162.98853	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1168.98853	1168.98853	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1162.98853	1162.98853	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578	-227.5578	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1500.92114	-1500.92114	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	
target Pim PsaAgArbnLrndOffsData.MinSrc	2	2	



Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	_	

Test Step 3.10 (Repeat Count = 1)			✓	
Name	Input Value			
DiagCmd_Cnt_enum	2			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	29.8276005	29.8276005		
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	640.232422			
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0			
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1			
PsaAgAn_EscProc_Cnt_M_lgc	1			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0			
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1			
PsaAgAn_ResetEsc_Cnt_M_lgc	0			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT			
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	6.48530006			
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-803.826294			
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2			
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2			
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_DiagPrec_HwDeg_f32	2			
k_PsaAgAn_EpsPrec_HwDeg_f32	1			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	281.804413			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	18.5548992			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsE	Data		
Name	Actual Value	Expected Value	Result	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	3	3	~	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-3	-3	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓	
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	3	3	✓	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-3	-3	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	3	3	~	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-3	-3	~	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call An PeaAgArhn PeaAgArhnl rndOffeRik WriteRlock	1	Rte Call An PeaAgArhn PeaAgArhnl rndOffeRik WriteRlock	1	-

Test Step 3.11 (Repeat Count = 1)		V
Name	Input Value	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1488.27356	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	630.95282	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-952.98407	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-958.922424	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	43.5873985	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	

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PsaAgArbn_SCom_PsaAaCmd			TUACITU
Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArb	n	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-230.894302		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	228.592407		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-949.98407	-949.98407	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-955.98407	-955.98407	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-949.98407	-949.98407	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-955.98407	-955.98407	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	~

-949.98407

-955.98407

-949.98407

-955.98407

Test Case 4: PRM Range Sheet

target_Pim_PsaAgArbnLrndOffsData.MaxOffset

target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc

Description

Vector Description:

TS4.1k_PsaAgAn_DiagPrec_HwDeg_f32==>Min
TS4.2k_PsaAgAn_DiagPrec_HwDeg_f32==>Pos
TS4.4k_PsaAgAn_DiagPrec_HwDeg_f32==>Default
TS4.5k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
TS4.5k_PsaAgAn_EpsPrec_HwDeg_f32==>Min
TS4.6k_PsaAgAn_EpsPrec_HwDeg_f32==>Max
TS4.7k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
TS4.6k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
TS4.9k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
TS4.9k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
TS4.9k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Min
TS4.10k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Max
TS4.11k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Pos
TS4.12k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Neg
TS4.13k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Default
TS4.15k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Min
TS4.16k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Min
TS4.16k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.19k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.19k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.19k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.19k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.20k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.21k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.21k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.21k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.21k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.22k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max
TS4.23k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Min/Default
TS4.25k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Min/Default
TS4.26k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08=>>Max
TS4.26k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08=>>Pos

Test Step 4.1 (Repeat Count = 1)		✓
Name	Input Value	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	944.697205	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-698.308716	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1577.36597	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	

 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset\\ target_Pim_PsaAgArbnLrndOffsData.MinOffset\\$

target_Pim_PsaAgArbnLrndOffsData.MaxSrc

 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$



PsaAgArbn_SCom_PsaAaCmd	10-03-03, 17.29.2010330		Razorcat
Name	Input Value		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1544.42578		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1397.49915		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArb	n	
k_PsaAgAn_DiagPrec_HwDeg_f32	0		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	10.1884003		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1135.35083		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOff	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1578.36597	1578.36597	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1576.36597	1576.36597	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1578.36597	1578.36597	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1576.36597	1576.36597	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
	40.400.4000	10.100.1000	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
none	0	*** No Call Expected ***	0	~	

10.1884003

-1135.35083

2

10.1884003

-1135.35083

2

1

Test Step 4.2 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	2		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1594.05237		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-96.8656998		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1054.88733		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	0		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	68.6708984		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	966.058411		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	20		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	901.53302		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	101.592903		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1075.88733	1075.88733	-
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1033.88733	1033.88733	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓

PsaAgArbn_SCom_PsaAaCmd



Name	Actual Value	Expected Value	Result
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1075.88733	1075.88733	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1033.88733	1033.88733	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	901.53302	901.53302	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	101.592903	101.592903	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Name	Input Value		
DiagCmd_Cnt_enum	2		
PsaAgAn ComputedOffs Uls M str.MaxOffset	-293.684692		
PsaAgAn ComputedOffs Uls M str.MinOffset	-200.295303		
PsaAgAn ComputedOffs Uls M str.MaxSrc	0		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1		
PsaAgAn EscProc Cnt M Igc	1		
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	1093.96155		
PsaAgAn RelHwPosnVIdToSerlCom Cnt M Igc	1		
PsaAgAn ResetEsc Cnt M Igc	1		
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODREL		
PsaAgAn UsedOffs Uls M str.MaxOffset	-1646.62024		
PsaAgAn UsedOffs Uls M str.MinOffset	-883.044983		
PsaAgAn UsedOffs Uls M str.MaxSrc	0		
PsaAgAn UsedOffs Uls M str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target Rte Inst Ap PsaAgArbr	1	
k PsaAgAn DiagPrec HwDeg f32	11.8944998		
k PsaAgAn EpsPrec HwDeg f32	1		
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630		
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0		
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630		
k PsaAgAn OffsDataInitMinSrc Cnt u08	0		
target Pim PsaAgArbnLrndOffsData.MaxOffset	315.43161		
target Pim PsaAgArbnLrndOffsData.MinOffset	1183.90015		
target Pim PsaAgArbnLrndOffsData.MaxSrc	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	sData	
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1106.85608	1106.85608	rtooui
PsaAgAn ComputedOffs Uls M str.MinOffset	1081.06702	1081.06702	
PsaAgAn ComputedOffs Uls M str.MaxSrc	1	1	
PsaAgAn ComputedOffs UIs M str.MinSrc	1	1	
PsaAgAn EscProc Cnt M Igc	1	1	
PsaAgAn ResetEsc Cnt M Igc	1	1	
PsaAgAn UsedOffs Uls M str.MaxOffset	1106.85608	1106.85608	
PsaAgAn UsedOffs Uls M str.MinOffset	1081.06702	1081.06702	
PsaAgAn UsedOffs Uls M str.MaxSrc	1	1	
PsaAgAn UsedOffs Uls M str.MinSrc	1	1	
target Pim PsaAgArbnLrndOffsData.MaxOffset	315.43161	315.43161	
target Pim PsaAgArbnLrndOffsData.MinOffset	1183.90015	1183.90015	
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	
	1	1	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 4.4 (Repeat Count = 1)	✓
Name	Input Value
DiagCmd_Cnt_enum	2

PsaAgArbn_SCom_PsaAaCmd



Name	Input Value		
PsaAgAn ComputedOffs Uls M str.MaxOffset	690.6026		
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	1345.62439		
PsaAgAn ComputedOffs UIs M str.MaxSrc	1		
PsaAgAn ComputedOffs UIs M str.MinSrc	2		
PsaAgAn EscProc Cnt M Igc	0		
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	1397.49915		
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1		
PsaAgAn ResetEsc Cnt M Igc	0		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODABSLT		
PsaAgAn UsedOffs Uls M str.MaxOffset	-803.826294		
PsaAgAn UsedOffs Uls M str.MinOffset	1200.32275		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn UsedOffs Uls M str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArb	n	
k PsaAgAn DiagPrec HwDeg f32	2	•	
k PsaAgAn EpsPrec HwDeg f32	1		
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630		
k PsaAgAn OffsDataInitMinSrc Cnt u08	0		
target Pim PsaAgArbnLrndOffsData.MaxOffset	1474.74854		
target Pim PsaAgArbnLrndOffsData.MinOffset	730.917786		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target Pim PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOff	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn ComputedOffs Uls M str.MaxOffset	1400.49915	1400.49915	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1394.49915	1394.49915	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	_
PsaAgAn ComputedOffs Uls M str.MinSrc	1	1	✓
PsaAgAn EscProc Cnt M Igc	0	0	_
PsaAgAn ResetEsc Cnt M Igc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1400.49915	1400.49915	_
PsaAgAn UsedOffs Uls M str.MinOffset	1394.49915	1394.49915	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	_
PsaAgAn UsedOffs Uls M str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1400.49915	1400.49915	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1394.49915	1394.49915	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.5 (Repeat Count = 1)	
Name	Input Value
DiagCmd_Cnt_enum	2
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-174.0177
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	411.950287
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1.
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscProc_Cnt_M_lgc	1.
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	966.058411
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	43.5873985
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-278.012787
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1.
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	441.080994
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-58.3707008

PsaAgArbn_SCom_PsaAaCmd

 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$



Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	968.058411	968.058411	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	964.058411	964.058411	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	968.058411	968.058411	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	964.058411	964.058411	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	441.080994	441.080994	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-58.3707008	-58.3707008	~
target Pim PsaAgArbnLrndOffsData.MaxSrc	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 4.6 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd Cnt enum	2		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1459.69446		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	498.445801		
PsaAgAn ComputedOffs Uls M str.MaxSrc	2		
PsaAgAn ComputedOffs Uls M str.MinSrc	0		
PsaAgAn EscProc Cnt M Igc	1		
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-883.044983		
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1		
PsaAgAn ResetEsc Cnt M Igc	1		
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1161.46826		
PsaAgAn UsedOffs Uls M str.MinOffset	-1359.82544		
PsaAgAn UsedOffs Uls M str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k PsaAgAn EpsPrec HwDeg f32	20		
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630		
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0		
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target Pim PsaAgArbnLrndOffsData.MaxOffset	895.856018		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	822.940918		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn ComputedOffs Uls M str.MaxOffset	-861.044983	-861.044983	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-905.044983	-905.044983	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-861.044983	-861.044983	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-905.044983	-905.044983	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	895.856018	895.856018	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	822.940918	822.940918	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 4.7 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	2		
PsaAgAn ComputedOffs Uls M str.MaxOffset	530.220825		
PsaAgAn ComputedOffs Uls M str.MinOffset	935.277771		
PsaAgAn ComputedOffs Uls M str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1200.32275		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	0		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1213.65454		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	29.8276005		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	14.8765001		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-635.428711		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-486.785706		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1217.19922	1217.19922	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1183.44629	1183.44629	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1217.19922	1217.19922	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1183.44629	1183.44629	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1217.19922	1217.19922	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1183.44629	1183.44629	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.8 (Repeat Count = 1)		V
Name	Input Value	
DiagCmd_Cnt_enum	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-278.012787	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	

 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$



PsaAgArbn_SCom_PsaAaCmd	10-03-03, 11.29.20 10330		Razorcat
Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArb	on	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-953.044312		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1071.91455		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-275.012787	-275.012787	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-281.012787	-281.012787	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-275.012787	-275.012787	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-281.012787	-281.012787	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-953.044312	-953.044312	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1071.91455	-1071.91455	✓
target Pim PsaAgArbnLrndOffsData.MaxSrc	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	

Test Step 4.9 (Repeat Count = 1)			
Name	Input Value		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	860.176392		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.792786		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1359.82544		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	0		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-407.68869		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	759.820374		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArb	n	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	669.728821		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-598.912476		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	Ō	0	
PsaAgAn_EscProc_Cnt_M_Igc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	•
PsaAgAn UsedOffs Uls M str.MinOffset	-1630	-1630	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.10 (Repeat Count = 1)			V	
Name	Input Value			
DiagCmd_Cnt_enum	1			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1184998			
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-101.313499			
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1			
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1			
PsaAgAn_EscProc_Cnt_M_lgc	1			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	29.8276005			
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1			
PsaAgAn_ResetEsc_Cnt_M_lgc	1			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT			
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1585.71741			
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1556.44324			
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1			
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1			
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_DiagPrec_HwDeg_f32	2			
k_PsaAgAn_EpsPrec_HwDeg_f32	1			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1510.28345	-		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	803.498779			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1			
target Pim PsaAgArbnLrndOffsData.MinSrc	1			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsD	Pata		
Name	Actual Value	Expected Value	Resul	
PsaAgAn ComputedOffs Uls M str.MaxOffset	1679	1679		
PsaAgAn ComputedOffs Uls M str.MinOffset	-1630	-1630		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0		
PsaAgAn_EscProc_Cnt_M_lgc	0	0		
PsaAgAn ResetEsc Cnt M Igc	1	1		
PsaAgAn UsedOffs Uls M str.MaxOffset	1679	1679		
PsaAgAn UsedOffs Uls M str.MinOffset	-1630	-1630		
PsaAgAn UsedOffs Uls M str.MaxSrc	0	0		
PsaAgAn UsedOffs Uls M str.MinSrc	0	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679		
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630		
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.11 (Repeat Count = 1)	✓
Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1178.18518
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1468.76135
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2

PsaAgArbn_SCom_PsaAaCmd

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Input Value PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 363.148285 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODABSLT PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1142.77075 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1621.20605 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MaxSrc}$ PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 Rte_Inst_Ap_PsaAgArbn $target_Rte_Inst_Ap_PsaAgArbn$ k_PsaAgAn_DiagPrec_HwDeg_f32 2 k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 653.894226 k PsaAgAn OffsDataInitMaxSrc Cnt u08 n k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ -859.713928 target_Pim_PsaAgArbnLrndOffsData.MinOffset 688.740601 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ target_Pim_PsaAgArbnLrndOffsData.MinSrc $target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData$ target_Pim_PsaAgArbnLrndOffsData **Actual Value Expected Value** Result PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 653.894226 653.894226 -1630 -1630 $PsaAgAn_ComputedOffs_Uls_M_str.MinOffset$ PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 1 653.894226 $PsaAgAn_UsedOffs_Uls_M_str.MaxOffset$ 653.894226 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1630 -1630 $PsaAgAn_UsedOffs_Uls_M_str.MaxSrc$ 0 0 PsaAgAn UsedOffs Uls M str.MinSrc 0 0 653.894226 653 894226 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ target Pim PsaAgArbnLrndOffsData.MinOffset -1630 -1630 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~



PsaAgArbn_	_SCom_	_PsaAaCmo

Test Step 4.12 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	26.1145		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	733.503479		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2		
PsaAgAn EscProc Cnt M Igc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	165.316193		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1127.69495		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	42.8771019		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	0		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	377.772797		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1621.47705		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.13 (Repeat Count = 1)	✓
Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1398.95166
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	829.523926
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1129.74146
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1586.18396
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1385.05249
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1125.95422
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630

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Name	Input Value		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1502.75696		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1451.64819		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOt	ffsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1125.95422	-1125.95422	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1125.95422	-1125.95422	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1125.95422	-1125.95422	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	~

Test Step 4.14 (Repeat Count = 1)			V
Name	Input Value		
DiagCmd_Cnt_enum	1		
PsaAgAn ComputedOffs UIs M str.MaxOffset	850.830505		
PsaAgAn ComputedOffs Uls M str.MinOffset	707.619873		
PsaAgAn ComputedOffs Uls M str.MaxSrc	0		
PsaAgAn ComputedOffs Uls M str.MinSrc	2		
PsaAgAn EscProc Cnt M Igc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1588.20093		
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1		
PsaAgAn ResetEsc Cnt M Igc	0		
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	593.323914		
PsaAgAn UsedOffs Uls M str.MinOffset	-1183.58325		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1339.41968		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	715.519287		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓



Test Step Call Trace					V
	Actual Function	Count	Expected Function	Count	Result
	Rte Call An PsaAgArhn PsaAgArhnl rndOffsRlk WriteRlock	1	Rte Call An PsaAgArhn PsaAgArhnl mdOffsRlk WriteBlock	1	

Test Step 4.15 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1648.21484		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1075.44727		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	695.856323		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-596.825989		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	299.254608		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-117.4851		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-40.5950012		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsI	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•

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

Test Step 4.16 (Repeat Count = 1)		V
Name	Input Value	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-656.346375	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-355.318604	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1.	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	561.308289	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	480.709106	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1546.11206	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	



Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbr	ı	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-954.062073		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1017.06677		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	Ī		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	sData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	1679	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	Ī	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn UsedOffs Uls M str.MinOffset	1679	1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
·	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc			· ·
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	· ·
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 1630	0 1630	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	_	

Test Step 4.17 (Repeat Count = 1)			
Name	Input Value		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1264.18201		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1627.09119		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	371.997192		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1180.17261		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1120.86865		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArt	on	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	982.561401		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	525.362671		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-838.179077		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	ffsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	982.561401	982.561401	•
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	982.561401	982.561401	•

PsaAgArbn_SCom_PsaAaCmd



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	982.561401	982.561401	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

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

Test Step 4.18 (Repeat Count = 1)			✓	
Name	Input Value			
DiagCmd Cnt enum	1			
PsaAgAn ComputedOffs Uls M str.MaxOffset	-1576.17163			
PsaAgAn ComputedOffs Uls M str.MinOffset	-495.381714			
PsaAgAn ComputedOffs Uls M str.MaxSrc	0			
PsaAgAn ComputedOffs Uls M str.MinSrc	2			
PsaAgAn EscProc Cnt M Igc	1			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-680.833801			
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1			
PsaAgAn_ResetEsc_Cnt_M_lgc	0			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL			
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	162.711105			
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	496.163391			
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0			
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2			
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_DiagPrec_HwDeg_f32	2			
k_PsaAgAn_EpsPrec_HwDeg_f32	1			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-253.520905			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-13.0608997			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsD	ata		
Name	Actual Value	Expected Value	Result	
PsaAgAn ComputedOffs Uls M str.MaxOffset	1630	1630	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call An PsaAgArbn PsaAgArbnl rndOffsBlk WriteBlock	1	Rte Call An PsaAgArbn PsaAgArbnl rndOffsBlk WriteBlock	1	_

Test Step 4.19 (Repeat Count = 1)	·
Name	Input Value
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	165.433899
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-270.454987
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0

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Name	Input Value		
PsaAgAn_EscProc_Cnt_M_lgc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-278.012787		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-16.9468002		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-592.268188		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-598.561401		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	730.917786		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	68.5074005		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-598.561401	-598.561401	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-598.561401	-598.561401	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-598.561401	-598.561401	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~



PsaAgArbn_	_SCom_	_PsaAaCm

Test Step 4.20 (Repeat Count = 1)			V	
Name	Input Value			
DiagCmd_Cnt_enum	1			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	389.222809			
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1669.16943			
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1			
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1			
PsaAgAn_EscProc_Cnt_M_lgc	0			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1359.82544			
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1			
PsaAgAn_ResetEsc_Cnt_M_lgc	1			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL			
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-721.597229			
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	363.148285			
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1			
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1			
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_DiagPrec_HwDeg_f32	2			
k_PsaAgAn_EpsPrec_HwDeg_f32	1			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-58.3707008			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1251.58252			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	-	
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	-1630	-1630	•	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓	
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	0	~	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.21 (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
DiagCmd_Cnt_enum	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1600.63098
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	955.61908
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	29.8276005
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1577.31812
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	165.316193
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_DiagPrec_HwDeg_f32	2
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630

PsaAgArbn_SCom_PsaAaCmd



Name	Input Value				
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0				
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918				
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2				
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0				
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData			
Name	Actual Value	Expected Value	Result		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓		
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓		
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~		
target Pim PsaAgArbnLrndOffsData,MinSrc	0	0	✓		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.22 (Repeat Count = 1)			✓		
Name	Input Value				
DiagCmd Cnt enum	1				
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	279.895691				
PsaAgAn ComputedOffs Uls M str.MinOffset	186.878998				
PsaAgAn ComputedOffs Uls M str.MaxSrc	1				
PsaAgAn ComputedOffs Uls M str.MinSrc	2				
PsaAgAn EscProc Cnt M Igc	1				
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1488.27356				
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1				
PsaAgAn_ResetEsc_Cnt_M_lgc	0				
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT				
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	288.603485				
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1129.74146				
PsaAgAn UsedOffs Uls M str.MaxSrc	1				
PsaAgAn UsedOffs Uls M str.MinSrc	2				
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn				
k PsaAgAn DiagPrec HwDeg f32	2				
k_PsaAgAn_EpsPrec_HwDeg_f32	1				
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630				
k PsaAgAn OffsDataInitMaxSrc Cnt u08	2				
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630				
k PsaAgAn OffsDataInitMinSrc Cnt u08	0				
target Pim PsaAgArbnLrndOffsData.MaxOffset	-486.785706				
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679				
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1				
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2				
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	Data			
Name	Actual Value	Expected Value	Result		
PsaAgAn ComputedOffs Uls M str.MaxOffset	1630	1630			
PsaAgAn ComputedOffs Uls M str.MinOffset	-1630	-1630	~		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2			
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0	~		
PsaAgAn EscProc Cnt M Igc	0	0	_		
PsaAgAn ResetEsc Cnt M Igc	1	1	~		
PsaAgAn UsedOffs Uls M str.MaxOffset	1630	1630	~		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•		



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

Name	Input Value			
DiagCmd_Cnt_enum	1			
PsaAgAn ComputedOffs UIs M str.MaxOffset	668.793274			
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1352.86206			
PsaAgAn ComputedOffs Uls M str.MaxSrc	2			
PsaAgAn ComputedOffs Uls M str.MinSrc	1			
PsaAgAn EscProc Cnt M Igc	0			
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	371.997192			
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1			
PsaAgAn ResetEsc Cnt M Igc	1			
PsaAqAn SnsrMod Cnt M enum	PSAAGAN MODFAIL			
PsaAgAn UsedOffs UIs M str.MaxOffset	-243.251099			
PsaAgAn UsedOffs UIs M str.MinOffset	-1588.20093			
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2			
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1			
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k PsaAgAn DiagPrec HwDeg f32	2			
k PsaAgAn EpsPrec HwDeg f32	1			
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630			
k PsaAgAn OffsDataInitMaxSrc Cnt u08	1			
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630			
k PsaAgAn OffsDataInitMinSrc Cnt u08	0			
target Pim PsaAgArbnLrndOffsData.MaxOffset	-1071.91455			
target Pim PsaAgArbnLrndOffsData.MinOffset	1138.38892			
target Pim PsaAgArbnLrndOffsData.MaxSrc	2			
target Pim PsaAgArbnLrndOffsData.MinSrc	1			
target Rte Inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffs	Data		
Name	Actual Value	Expected Value	Resul	
PsaAgAn ComputedOffs Uls M str.MaxOffset	1630	1630		
PsaAgAn ComputedOffs Uls M str.MinOffset	-1630	-1630		
PsaAgAn ComputedOffs Uls M str.MaxSrc	1	1		
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0		
PsaAgAn_EscProc_Cnt_M_lgc	0	0		
PsaAgAn ResetEsc Cnt M Igc	1	1		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1		
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0		

7	Test Step Call Trace				✓
Α	ctual Function	Count	Expected Function	Count	Result
R	e_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	~

Test Step 4.24 (Repeat Count = 1)		
Name	Input Value	
DiagCmd_Cnt_enum	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	114.698196	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	920.38147	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-680.833801	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-316.217712	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	695.856323	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	

target_Pim_PsaAgArbnLrndOffsData.MaxOffset

 $target_Pim_PsaAgArbnLrndOffsData.MinOffset\\target_Pim_PsaAgArbnLrndOffsData.MaxSrc$

 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$



PsaAgArbn_SCom_PsaAaCmd	70-03-03, 77.23.20 (0030		Razorcat
Name	Input Value		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArt	n	
k_PsaAgAn_DiagPrec_HwDeg_f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-598.912476		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOf	fsData	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	_

1630

-1630

0

0

1630

-1630

0

0

Test Step 4.25 (Repeat Count = 1)			~
Name	Input Value		
DiagCmd_Cnt_enum	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	318.293091		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	12.0402002		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscProc_Cnt_M_lgc	1		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-5.78649998		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1524.16016		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	561.308289		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_DiagPrec_HwDeg_f32	2	2	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	1	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2	2	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	803.498779		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-679.068909		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffs	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn UsedOffs Uls M str.MinOffset	-1630	-1630	•

PsaAgArbn_SCom_PsaAaCmd

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Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓

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

Test Step 4.26 (Repeat Count = 1)			✓
Name	Input Value		
DiagCmd Cnt enum	1		
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	-751.299316		
PsaAgAn ComputedOffs Uls M str.MinOffset	1065.42554		
PsaAgAn ComputedOffs Uls M str.MaxSrc	2		
PsaAgAn ComputedOffs UIs M str.MinSrc	0		
PsaAgAn EscProc Cnt M Igc	1		
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	966.058411		
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1		
PsaAgAn_ResetEsc_Cnt_M_lgc	1		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	171.275299		
PsaAgAn UsedOffs Uls M str.MinOffset	371.997192		
PsaAgAn UsedOffs Uls M str.MaxSrc	2		
PsaAgAn UsedOffs Uls M str.MinSrc	0		
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn		
k PsaAgAn DiagPrec HwDeg f32	2		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	•	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	688.740601		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	537.732788		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsDa	ata	
Name	Actual Value	Expected Value	Result
PsaAgAn ComputedOffs Uls M str.MaxOffset	1630	1630	
PsaAgAn ComputedOffs Uls M str.MinOffset	-1630	-1630	✓
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	~
PsaAgAn ComputedOffs Uls M str.MinSrc	1	1	✓
PsaAgAn EscProc Cnt M Igc	0	0	~
PsaAgAn ResetEsc Cnt M Igc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MinSrc	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_WriteBlock	1	Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk WriteBlock	1	~

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 Project
 PsaAgArbn_CF039A

 Module
 PsaAgArbn

 Test Object
 PsaAgArbn_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	5	
Successful	5	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP
Configuration File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\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)\PsaAgArbn\src\Ap_PsaAgArbn.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D_inline= -D_extern= -Dconst= -I\$(PROJECTROOT)\PsaAgArbn\tools\Contract -I\$(PROJECTROOT) \PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D_inline= -D_extern= -Dconst= -I\$(PROJECTROOT)\PsaAgArbn\tools\Contract -I\$(PROJECTROOT) \PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

Name	Text
Module 'PsaAgArbn'	Name of Tester: Ashish John Code File(s) Under Test:Ap_PsaAgArbn.c Code File(s) Version: 6 Module Design Document:PsaAgArbn_MDD.docx Module Design Document:PsaAgArbn_MDD.docx Module Design Document Version: 4 Data Dictionary Version: 6 Unit Test Plan Version: 5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes): 3380 Total RAM Used (Bytes): 75 Total CALS Used (Bytes): 86 Special Test Requirements:NA Test Date:3/3/2018 Comments: Note1: The Inline functions are not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3: The Expected outputs are calculated from MATLAB model. Note4: Local functions "ESCOffsMngr", "OffsConsistencyFitMngt", "SnsrMon", "SnsrSupv", "RecommendedState", "GenRawAbsItHwPosnSignals", "VehCondChk" and "SwitchOffs" are not tested individually as they are tested in function "PsaAgArbn_Per1 For snapshot please refer "PsaAgArbn_PsaAgArbn_Per1_Coverage". Note5: In function "ESCOffsMngr", low path Coverage for MC/IDC exists at source line no. 1267.

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj

2018-03-03, 17:42:20+0530



Attributes				
Name	Value			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	\$(TESSY_SYSPATH)\compiler\ti\tms470\sys_link.cmd			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl			
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4			
Time Unit	cycles			
Timer Enabled	false			
Timer Prescale	0			
Timer Resolution				
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg			
Workspace File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NOUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP			



Test Case 1: Metric test

Description

Vector Description:

TS1.1"Shortest execution path:

TS1.1"Shortest execution path:
if (PsaAgAn_StInit_Cnt_M_lgc != D_FALSE_CNT_LGC)==>F"
TS2.2"Longest execution path:
if (PsaAgAn_StInit_Cnt_M_lgc != D_FALSE_CNT_LGC)==>T && if ((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODFAIL)
&&(EscOffsEna_Cnt_T_lgc != D_FALSE_CNT_LGC))==>F
switch (PsaAgAn_EscOffsSt_Cnt_M_enum)==>case PSAAGAN_INIT && if ((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)
&&(RecomSt_Cnt_T_enum != PSAAGARBNST_STNOSYNCN))==>F
else if ((PsaAgAn_SnsrMod_Cnt_M_enum != PSAAGAN_MODININ) &&(EscOffsEna_Cnt_T_lgc != D_FALSE_CNT_LGC))==>T && switch
(PsaAgAn_EscOffsSt_Cnt_M_enum)==>PSAAGAN_POWERCUT&&
if (ResetDone_Cnt_T_lgc != D_FALSE_CNT_LGC)==>T && if ((AbsItHwPosnVId_Cnt_T_lgc != D_FALSE_CNT_LGC)
&&(AbsItHwAuthority_Uls_T_f32 >= SensorlessAuthority_Uls_T_f32))==>F"

Test Step 1.1 (Repeat Count = 1)	
Name	Input Value
PsaAgAn AbsitHwPosnLvi2 Cnt M Iqc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	-1147.20325
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN PROCESSING
	0
PsaAgAn_EscProc_Cnt_M_lgc	9.76189995
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0.998099983
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	1184.67786
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	577.226013
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	50





Name	Input Value		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target PsaAgArbn Per1 HwTorque HwNm f32.value	6.01900022		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-6.91800022 -233.132401		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	_ •	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0 target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	ItrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I		,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg target_PsaAgArbn_Per1_EscOffsFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVIdToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessAuthority target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid_	ltrNm_f32 _Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32 _Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid_ target_PsaAgArbn_Per1_VehicleSpeed_Kph_	ltrNm_f32 _Cnt_lgc	Result
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid_ target_PsaAgArbn_Per1_VehicleSpeed_Kph_ target_Pim_PsaAgArbnLmdOffsData	ltrNm_f32 _Cnt_lgc _f32	~
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0	trNm_f32 _Cnt_lgc _f32 Expected Value 0	~
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0	trNm_f32 _Cnt_lgc _f32 Expected Value 0 0	· ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325	trNm_f32 _Cnt_lgc _f32 Expected Value 0 0 -1147.20325	~
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801	Expected Value 0 0 -1147.20325 849.708801	· ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801	Expected Value 0 0 -1147.20325 849.708801	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -1147.20325 849.708801 2	Expected Value 0 0 -1147.20325 849.708801 2	· · · · · · · · · · · · · · · · · · ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801	Expected Value 0 0 -1147.20325 849.708801	· · · · · · · · · · · · · · · · · · ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING	Expected Value 0 0 -1147.20325 849.708801 2 PSAAGAN_PROCESSING	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING	Expected Value 0 0 0 -1147.20325 849.708801 2 PSAAGAN_PROCESSING 1	***************************************
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306	· · · · · · · · · · · · · · · · · · ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_MtrvelLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ	· · · · · · · · · · · · · · · · · · ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0	Expected Value 0 0 0 -1147.20325 849.708801 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0	· · · · · · · · · · · · · · · · · · ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_Igc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0	Expected Value 0 0 0 -1147.20325 849.708801 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0	
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReiHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ReiHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReiHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Stinit_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_enum	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.86630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0	Expected Value 0 0 0 -1147.20325 849.708801 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReiHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ReiHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_Strit_Cnt_M_enum PsaAgAn_Strit_Cnt_M_enum PsaAgAn_Strit_Cnt_M_enum PsaAgAn_Strit_Cnt_M_enum PsaAgAn_Strit_Cnt_M_enum PsaAgAn_Strit_Cnt_M_gc PsaAgAn_NusedOffs_Uls_M_str.MaxOffset	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 0 0 2 2	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 0 0 2 2 2	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 0 0 2 2 2 -1071.50867	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerICom_Cnt_M_Igc PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867 -1630	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867 -1630	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867 -1630 0	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867 -1630 0	
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLv12_Cnt_M_Igc PsaAgAn_AgArbnOffsFltt_Cnt_M_Igc PsaAgAn_AgArbnOffsFltt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Nstrhit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_Igc.value target_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_Igc.value	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867 -1630 0 0	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 0 2 2 2 -1071.50867 -1630 0 0 0 0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.Sv_Uls_f32 PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_str.Sv_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_Igc PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_NsnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc.value	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 2 -1071.50867 -1630 0 0 0 0	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867 -1630 0 0 0	· · · · · · · · · · · · · · · · · · ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_NsrnMod_Cnt_M_enum PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 -1071.50867 -1630 0 0 0 0 0	Expected Value 0 0 0 -1147.20325 849.708801 2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 0 0 2 2 2 -1071.50867 -1630 0 0 0 0 1±1e-05	· · · · · · · · · · · · · · · · · · ·

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Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	339.556213
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.25629997
PsaAgAn HwTrqLPF Uls M str.K Uls f32	0.594600022
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	-674.417419
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.594600022
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	939.021118
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODREL
PsaAgAn StInit Cnt M Igc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521
PsaAgAn UsedOffs Uls M str.MaxSrc	1
PsaAgAn UsedOffs Uls M str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	•
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio HwNmpMtrNm f32	68.1901016
PsaAgAn AbsHwPosLvl1 HwDeg f32	26.5265007
_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.2961998
PsaAgAn EpsPrec HwDeg f32	15.4428997
rsaAgAncpsriec_nwbeg_isz : PsaAgAn_MinPrecFail_HwDeg_f32	44.0638008
_PsaAgAn_NillPlecFall_NwDeg_l32 _PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	476.084015
_PsaAgAn_OffsDataInitMaxOffs_nwDeg_132 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	476.064015
_PsaAgAn_OffsDataInitMaxSrc_Oft_u08 _PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1591,73352
PsaAgAn_OffsDataInitMinOrs_Hwbeg_132 PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
PsaAgAn_OffsetPolarity HwDeg f32	1
: PsaAgAn_OlisetPolarity_nwbeg_i32 : PsaAgAn_VehCondMaxHwTrg_HwNm_f32	7.5474
: PsaAgAn_venCondMaxHwTrq_HwNm_r32 : PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
	10
x_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 x_PsaAgAn_VehCondMaxVehSpd_Veh_f32	10
:_PsaAgAn_VehCondMaxVehSpd_Kph_f32	
:_PsaAgAn_VehCondMinTi_mS_u32	1497
_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0

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Input Value



Name



Name	input value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.91455		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	377.772797		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7434.5957		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1438.44604		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.64780045		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.900900006		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-543.972717		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	575.169373		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0966999978		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1540.26025		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.71500003		
target PsaAgArbn Per1 VehicleSpeedValid Cnt Igc.value	1		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	224.617203		
target Rte Call Ap PsaAqArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitrwPosnLvI2_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnLvI2		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc	target PsaAgArbn Per1 AbsttHwPosnVld C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwE		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_$	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0	0	rtooun
PsaAgAn AgArbnOffsFltDetd Cnt M lqc	0	0	
0 = 0 = = = 0	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc			
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	191.881699	191.881699	V
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	339.556213	339.556213	Y
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	PSAAGAN_POWERCUT	0	*
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_POWERCUT	_	· ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_POWERCUT 0 2.00062895 -323.446198	0 2.00062871 -323.446198	· ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_POWERCUT 0 2.00062895	0 2.00062871	· · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_POWERCUT 0 2.00062895 -323.446198	0 2.00062871 -323.446198	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386	0 2.00062871 -323.446198 -204.408371	· · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386 PSAAGAN_MODREL	0 2.00062871 -323.446198 -204.408371 PSAAGAN_MODREL	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386 PSAAGAN_MODREL 575.169373	0 2.00062871 -323.446198 -204.408371 PSAAGAN_MODREL 575.169373	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386 PSAAGAN_MODREL 575.169373 1	0 2.00062871 -323.446198 -204.408371 PSAAGAN_MODREL 575.169373	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386 PSAAGAN_MODREL 575.169373 1 0	0 2.00062871 -323.446198 -204.408371 PSAAGAN_MODREL 575.169373 1	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386 PSAAGAN_MODREL 575.169373 1 0 PSAAGAN_MODREL	0 2.00062871 -323.446198 -204.408371 PSAAGAN_MODREL 575.169373 1 0 PSAAGAN_MODREL	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386 PSAAGAN_MODREL 575.169373 1 0 PSAAGAN_MODREL 1	0 2.00062871 -323.446198 -204.408371 PSAAGAN_MODREL 575.169373 1 0 PSAAGAN_MODREL 1	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	PSAAGAN_POWERCUT 0 2.00062895 -323.446198 -204.408386 PSAAGAN_MODREL 575.169373 1 0 PSAAGAN_MODREL 1 191.881699	0 2.00062871 -323.446198 -204.408371 PSAAGAN_MODREL 575.169373 1 0 PSAAGAN_MODREL 1 191.881699	· · · · · · · · · · · · · · · · · · ·

PsaAgArbn_Per1

2018-03-03, 17:42:20+0530



Actual Value Expected Value PsaAgAn_UsedOffs_Uls_M_str.MinSrc $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 476.084015 476.084015 1591.73352 1591.73352 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 $target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value$ 567.266907 567.266907 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 $target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value$ 950.554626 950.554565 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0.0966999978 0.0966999978 ± 1e-05 $target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value$ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1540.26025 1540.26025 ± 0.00001 575.169373 ± 1e-05 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 575.169373 target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Case 2: Range Test

Description

Vector Description:

TS2.1All Min TS2.2All Max TS2.3AlignedCumMechMtrPosStatus_Cnt_u08==>Min TS2.4AlignedCumMechMtrPosStatus_Cnt_u08==>Max TS2.5AlignedCumMechMtrPosStatus_Cnt_u08==>Pos TS2.6AlignedRelHwPos_HwDeg_f32==>Min TS2.7AlignedRelHwPos_HwDeg_f32==>Max TS2.7AlighedreinWPos_HwDeg_132==>Max
TS2.8AlignedRelHwPos_HwDeg_132==>Pos
TS2.9AlignedRelHwPos_HwDeg_132==>Zero
TS2.10AlignedRelHwPos_HwDeg_132==>Neg
TS2.11CumMechMtrPosStatus_Cnt_u08==>Min
TS2.12CumMechMtrPosStatus_Cnt_u08==>Pos
TS2.14LlutTorquo_Hvblm_232=>Min
TS2.13CumMechMtrPosStatus_Cnt_u08==>Pos TS2.13CumMechMtrPosStatus_Cnt_u08==
TS2.14HwTorque_HwNm_f32==>Min
TS2.15HwTorque_HwNm_f32==>Max
TS2.15HwTorque_HwNm_f32==>Pos
TS2.17HwTorque_HwNm_f32==>Neg
TS2.18HwTorque_HwNm_f32==>Neg
TS2.19MtrVelCRF_MtrRadpS_f32==>Min
TS2.20MtrVelCRF_MtrRadpS_f32==>Pos
TS2.21MtrVelCRF_MtrRadpS_f32==>Pos
TS2.22MtrVelCRF_MtrRadpS_f32==>Pos
TS2.22MtrVelCRF_MtrRadpS_f32==>Neg
TS2.23MtrVelCRF_MtrRadpS_f32==>Neg
TS2.23MtrVelCRF_MtrRadpS_f32==>Neg
TS2.24RelHwPos_HwDeg_f32==>Nin TS2.23MtrVelCRF_MtrRadpS_f32==>Neg
TS2.24RelHwPos_HwDeg_f32==>Min
TS2.25RelHwPos_HwDeg_f32==>Max
TS2.25RelHwPos_HwDeg_f32==>Pos
TS2.25RelHwPos_HwDeg_f32==>Pos
TS2.25RelHwPos_HwDeg_f32==>Neg
TS2.29SensorlessAuthority_Uls_f32==>Min
TS2.30SensorlessAuthority_Uls_f32==>Max
TS2.31SensorlessHwPos_HwDeg_f32==>Min
TS2.32SensorlessHwPos_HwDeg_f32==>Min
TS2.33SensorlessHwPos_HwDeg_f32==>Pos
TS2.33SensorlessHwPos_HwDeg_f32==>Pos TS2.33SensorlessHwPos_HwDeg_f32==>Pos TS2.34SensorlessHwPos_HwDeg_f32==>Zero TS2.35SensorlessHwPos_HwDeg_f32==>Neg TS2.36EscAckFromSerlCom_Cnt_lgc==>Min TS2.37EscAckFromSerlCom_Cnt_lgc==>Max TS2.38EscDataVldFromSerlCom_Cnt_lgc==>Min TS2.39EscDataVldFromSerlCom_Cnt_lgc==>Max TS2.40EscOffsFromSerlCom_HwDeg_f32==>Min TS2.41EscOffsFromSerlCom_HwDeg_f32==>Max TS2.42EscOffsFromSerlCom_HwDeg_f32==>Pos TS2.43EscOffsFromSerlCom_HwDeg_f32==>Fos TS2.44EscOffsFromSerlCom_HwDeg_f32==>Neg TS2.45EscPrecisionFromSerlCom_HwDeg_f32==>Min TS2.46EscPrecisionFromSerlCom_HwDeg_f32==>Max TS2.47EscPrecisionFromSerlCom_HwDeg_f32==>Max
TS2.47EscPrecisionFromSerlCom_HwDeg_f32==>Pos
TS2.48TorqueCmdCRF_MtrNm_f32==>Min
TS2.49TorqueCmdCRF_MtrNm_f32==>Max
TS2.50TorqueCmdCRF_MtrNm_f32==>Pos
TS2.51TorqueCmdCRF_MtrNm_f32==>Zero
TS2.52TorqueCmdCRF_MtrNm_f32==>Zero
TS2.52TorqueCmdCRF_MtrNm_f32==>Neg TS2.53/VehicleSpeedValid_Cnt_Igc==>Min TS2.53VehicleSpeedValid_Cnt_Igc==>Min TS2.54VehicleSpeed_Kph_f32==>Min TS2.56VehicleSpeed_Kph_f32==>Max TS2.56VehicleSpeed_Kph_f32==>Pos TS2.58EscOffsEna_Cnt_Igc==>Min TS2.59EscOffsEna_Cnt_lgc==>Max TS2.60Rte Call SystemTime DtrmnElapsedTime uS u32==>0
TS2.61Rte_Call_SystemTime_DtrmnElapsedTime_uS_u32==>PSAAGAN_MODREL

TS2.62Rte_Call_SystemTime_DtrmnElapsedTime_uS_u32==>PSAAGAN_MODREL

Test Step 2.1 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-10
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-890
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0

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Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	o
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn UsedOffs UIs M str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	1
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-3
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0
k PsaAgAn VehCondMinTi mS u32	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	0
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	0
t_PsaAgAn_AbsltHwAuthyY_Uis_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	0
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-10125
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	0
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	-1630 0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1350
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-3200
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn_Per1_AgArbn_Per1_AgArbn_Results (Ap_PsaAgArbn_Per1_AgArbn_Per1_AgArbn_Per1_AgArbn_Per1_AgArbn_Results (Ap_PsaAgArbn_Per1_AgArbn_Per$	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target \ Rte \ Inst \ Ap \ PsaAgArbn.PsaAgArbn \ Per1 \ AlignedCumMechMtrPosStatus$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_HwiTorque_Hwim_ts2 target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	
Tangor, To Thoras An Tour Manual Sandaring of the Control of the C	angoc. sa grabili di Eronimi controcciociii impeglice





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-10	-10	✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-1350	-1350	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-890	-890	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1600	-1600 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 2.2 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	10	

PsaAgArbn_Per1

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Input Value PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32 0.998132586 1350 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn MtrVelLPF Uls M str.K Uls f32 0.998132586 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 0.998132586 PsaAgAn PinionTrgLPF UIs M str.K UIs f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 1630 ${\sf PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc}$ 1 PsaAgAn_ResetEsc_Cnt_M_lgc PSAAGAN MODFAIL PsaAgAn SnsrMod Cnt M enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 2 PsaAgAn UsedOffs Uls M str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 100 30 k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32 k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32 30 k_PsaAgAn_EpsPrec_HwDeg_f32 20 k_PsaAgAn_MinPrecFail_HwDeg_f32 500 k PsaAgAn OffsDataInitMaxOffs HwDeg f32 1679 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k PsaAgAn OffsDataInitMinOffs HwDeg f32 1679 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 2 k PsaAqAn OffsetPolarity HwDeq f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 10 k PsaAgAn VehCondMaxMtrVel MtrRadpS f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 10 k PsaAgAn VehCondMaxVehSpd Kph f32 10 k_PsaAgAn_VehCondMinTi_mS_u32 10000 t PsaAgAn AbsltHwAuthyY Uls u1p15[0] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 32768 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 1679 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 1679 t PsaAqAn AbsitHwPosnPrecX HwDeg u16p0[2] 1679 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ 1679 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 $target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value$ 255 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 10125 target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value 255 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 $target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value$ 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value 1630 $target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value$ 29 target PsaAgArbn Per1 HwTorque HwNm f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 1350 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 3200 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value 1600 $target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value$ 8.80000019 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 511 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value $target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse$ 4294967295 $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc$ target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt lgc $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc$ target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_Rte_I$ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32 target PsaAgArbn Per1 AbsltHwPosn HwDeg f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AgArbn_Per target Rte Inst Ap PsaAgArbn Per1 AlignedCumMechMtrPosStatus target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 | target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 $target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: \\ target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: \\ target_Rte_Inst_Ap_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: \\ target_Rte_InstAp_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: \\ target_Rte_InstAp_PsaAgArbn_PsaAgAr$ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Ignormation and the property of the pr$ target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc





PsaAgAn_AbsitHvPosnt.vI2_Cnt_M_lgc 0 0 PsaAgAn_AgArbnOffsFitLott_M_lgc 1 1 PsaAgAn_ComputedOffs_Uls_M_strMaxOffset 1679 1679 PsaAgAn_ComputedOffs_Uls_M_strMinOffset 1581 1581 PsaAgAn_ComputedOffs_Uls_M_strMinSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_strMinSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_strMinSrc 2 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_HwireLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_HwireLPF_Uls_M_str.SV_Uls_f32 10 10 PsaAgAn_MirveLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_Sishid_Cnt_M_lge 1 1 PsaAgAn_Sishid_Cnt_M_lge 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679	Name	Input Value		
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlC	Com_HwDeg_f32	
larget_Ris_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_HwTorque_HwNfm_G2 larget_Ris_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_HwTorque_HwNfm_G2 larget_Ris_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_HwTorque_HwNfm_G2 larget_Ris_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_HwTorque_HwNfm_G2 larget_Ris_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_RwHwPosn_G50c_Inst_Ap_PsaAgArbn_PsaAgA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
larget_Rie_Inst_Ap_PsaAgArbn PsaAgArbn_Per1_MirvGroup_Hwhm_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MirvGrow_Hwhm_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MirvGrow_Hwhm_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_ReithwPsos_Hwbeg_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_ReithwPsos_Hwbeg_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_ReithwPsos_Hwbeg_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_ReithwPsos_Hwbeg_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAurbnirty_Uis_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAurbnirty_Uis_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmCRF_Mirm_152 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Vali_Cnt_Igo target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Vali_Cnt_Igo target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Vali_Cnt_Igo target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Vali_Cnt_Igo target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Prof_VahicleSpeed_Vali_Cnt_Igo target_PsaAgArbn_Per1_VehicleSpeed_Vali_Cnt_Igo target_P	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ity_Uls_f32	
Isrope, Rie. Inst., Ap. PsaAgArton, Pea.AgArton, Perf. Mitr\("eCRF. Mitragos", 122 Isrope, Rie. Inst., Ap. PsaAgArton, Perf. RelitwPos. HNOeg. 132 Isrope, Rie. Inst., Ap. PsaAgArton, Perf. RelitwPos. HNOeg. 132 Isrope, Rie. Inst., Ap. PsaAgArton, Perf. RelitwPos. Infosicion, HNOeg. Isrope, Rie. Inst., Ap. PsaAgArton, Perf. RelitwPos. Infosicion, HNOeg. Isrope, Rie. Inst., Ap. PsaAgArton PsaAgArton, Perf. RelitwPos. Infosicion, HNOeg. Isrope, Rie. Inst., Ap. PsaAgArton PsaAgArton, Perf. RelitwPos. Infosicion, Perf. RelitwPos. Infosicion, Linguist, Perf. RelitwPos. Infosicion, Perf. RelitwPos. Infosicion, Linguist, Perf. RelitwPos. Infosicion, Perf. RelitwPos. Infosicion, Linguist, Ling	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32	
larget_Rie_Inst_Ap_PsaAgArtn_PesAgArtn_Per1_Rell+WPosnToSeriCom_HWDeg_132 target_Rie_Inst_Ap_PsaAgArtn_Per1_Rell+WPosnToSeriCom_HWDeg_132 target_Rie_Inst_Ap_PsaAgArtn_PsaAgArtn_Per1_Rell+WPosnToSeriCom_HWDeg_132 target_Rie_Inst_Ap_PsaAgArtn_PsaAgArtn_Per1_Rell+WPosnVidToSeriCom_Cnt_I target_Rie_Inst_Ap_PsaAgArtn_PsaAgArtn_Per1_Rell+WPosnVidToSeriCom_Cnt_I target_Rie_Inst_Ap_PsaAgArtn_PsaAgArtn_Per1_SensoricessAwUnority_Uis_132 target_Rie_Inst_Ap_PsaAgArtn_PsaAgArtn_Per1_VerioRels_Rell+Weg_132 target_Rie_Inst_Ap_PsaAgArtn_Per1_VerioRels_Rell+Weg_132 target_Rie_Inst_Ap_PsaAgArtn_Per1_VerioRels_RedVaid_Cnt_I lgc target_Rie_Inst_Ap_PsaAgArtn_Per1_VerioRels_RedVaid_Cnt_I lgc target_Rie_Inst_Ap_PsaAgArtn_Per1_VerioRels_RedVaid_Cnt_I lgc target_Rie_Inst_Ap_PsaAgArtn_Per1_VerioRels_RedVaid_Cnt_I lgc target_Rie_Inst_Ap_PsaAgArtn_Per1_VerioRels_RedVaid_Cnt_I lgc target_Rie_Inst_Ap_PsaAgArtn_Per1_VerioRels_RedVaid_Cnt_I lgc target_PsaAgArtn_Per1_VerioRels_RedVaid_Cnt_I lgc t	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target, Re_Inst, Ap_PsaAgArton PsaAgArton_Per1_RelHwPosnToSeriCom_HwDeg_132 target, Re_Inst, Ap_PsaAgArton_Per1_RelHwPosnVidToSeriCom_Crit_tot_target, Re_Inst, Ap_PsaAgArton_Per1_RelHwPosnVidToSeriCom_Crit_tot_target, Re_Inst, Ap_PsaAgArton_Per1_Sensoriessaturhority_Uis_122 target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_Sensoriessaturhority_Uis_122 target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_Sensoriessaturhority_Uis_122 target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_Sensoriessaturhority_Uis_122 target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_VehicleSpeedValid_Crit_Igo_target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_VehicleSpeedValid_Crit_Igo_target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_VehicleSpeedValid_Crit_Igo_target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_VehicleSpeedValid_Crit_Igo_target, Re_Inst, Ap_PsaAgArton_PsaAgArton_Per1_VehicleSpeedValid_Crit_Igo_target, Re_Inst, Ap_PsaAgArton_PsaAgArt	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
larget_Rie_Inst_Ap_PsaAgAntn PsaAgAntn_Peri_Relt-MpservidToSeriCom_Cnt_larget_Rie_Inst_Ap_PsaAgAntn_PsaAgAntn_Peri_SensoriessAuthoniy_Uis_f32 target_Rie_Inst_Ap_PsaAgAntn_PsaAgAntn_Peri_SensoriessAuthoniy_Uis_f32 target_Rie_Inst_Ap_PsaAgAntn_PsaAgAntn_Peri_TorqueCmdCRF_Minn_f32 target_Rie_Inst_Ap_PsaAgAntn_PsaAgAntn_Peri_TorqueCmdCRF_Minn_f32 target_Rie_Inst_Ap_PsaAgAntn_PsaAgAntn_Peri_TorqueCmdCRF_Minn_f32 target_Rie_Inst_Ap_PsaAgAntn_PsaAgAntn_Peri_VehicleSpeed_Khn_f32 target_PsaAgAntn_Peri_TorqueCmdCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_f32 target_PsaAgAntn_MindCRF_Minn_Minn_MindCRF_Minn_Minn_MindCRF_Minn_Minn_Minn_Minn_Minn_Minn_Minn_Min	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Re_Inst_Ap_PsaAgArbn PsaAgArbn Pert_SensoriessAuthority_Uis_f32 target_Re_Inst_Ap_PsaAgArbn PsaAgArbn Pert_SensoriessAuthority_Uis_f32 target_Re_Inst_Ap_PsaAgArbn Pert_SensoriessAuthority_Uis_f32 target_Re_Inst_Ap_PsaAgArbn PsaAgArbn Pert_VehiclesSpeedValid_Cnt_Igc target_Re_Inst_Ap_PsaAgArbn PsaAgArbn Pert_VehicleSpeed Kph_f32 target_Re_Inst_Ap_PsaAgArbn PsaAgArbn_Pert_VehicleSpeed Kph_f32 target_Re_Inst_Ap_PsaAgArbn PsaAgArbn_Mert_VehicleSpeed Kph_f32 target_PsaAgArbn_Mert_VehicleSpeed Kph_f32 target_PsaAgArbn_Pert_VehicleSpeed Kph_f32 target_PsaAgArbn_Per	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
target_Re_inst_Ap_PsaAgArbn_PsaAgArbn_Perl_SensorlessHwPos_HwDeg_[32] target_Re_inst_Ap_PsaAgArbn_PsaAgArbn_Perl_TorqueCmdCRF_Mithin_[32] target_Re_inst_Ap_PsaAgArbn_PsaAgArbn_Perl_VehicleSeped_Valid_Cnt_Ugc target_Re_inst_Ap_PsaAgArbn_PsaAgArbn_Perl_VehicleSeped_Valid_Cnt_Ugc target_Re_inst_Ap_PsaAgArbn_PsaAgArbn_Perl_VehicleSeped_Kph_f32 target_PsaAgArbn_PsaA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Re_inst_Ap_PsaAgArbn_PsaAgArbn_Pert_TorqueCmdCRF_Mithm_f32 target_Re_inst_Ap_PsaAgArbn_PsaAgArbn_Pert_VehicleSpeed (ph_f3c) target_Re_inst_Ap_PsaAgArbn_P	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_MonPsaA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn_PsaTy_VehicleSpeed_Kph_f32 target_PsaAgArbn_PsrT_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn_Pim_PsaAgArbn_ImmOffsData target_Pim_PsaAgArbn_MoffsData Name Actual Value Expected Value Resi PsaAgAn_AbsIlf+WPosnLv2_Cnt_M_lgc 0 0 0 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 1 1 1 PsaAgAn_ComputedOffs_Us_M_st_MinOffset 1679 1679 1679 PsaAgAn_ComputedOffs_Us_M_st_MinOffset 1581 1581 1581 PsaAgAn_ComputedOffs_Us_M_st_MinOffset 1581 1581 1581 PsaAgAn_ComputedOffs_Us_M_st_MinOffset 2 2 2 PsaAgAn_ComputedOffs_Us_M_st_MinOffset 1581 1581 1581 PsaAgAn_ComputedOffs_Us_M_st_MinOffset 1581 1581 1581 PsaAgAn_Domote_Com_Us_M_st_MinOffset 10 0 0 0 PsaAgAn_Ecot_Com_Com_M_gc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <t< td=""><td>target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32</td><td>target_PsaAgArbn_Per1_TorqueCmdCRF_I</td><td>MtrNm_f32</td><td></td></t<>	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
Larget_Rie_Inst_Ap_PsaAgArbn.Prim_PsaAgArbnLmdOffsData	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
Name Actual Value Expected Value Rest PsaAgAn_AbstIthwPosnLvI2_Cnt_M_Igc 0 0 0 PsaAgAn_AgArthnOffsFilDetd_Cnt_M_Igc 1 1 1 PsaAgAn_AgArthnOffsFilDetd_Cnt_M_Igc 1 1 1 PsaAgAn_ComputedOffs_Uis_M_str.MinOffset 1679 1679 1679 PsaAgAn_ComputedOffs_Uis_M_str.MinOffset 1581 1581 1581 PsaAgAn_ComputedOffs_Uis_M_str.MinOffset 2 2 2 PsaAgAn_ComputedOffs_Uis_M_str.MinSrc 2 2 2 PsaAgAn_EcomputedOffs_Uis_M_str.MinSrc 2 2 2 PsaAgAn_EcomputedOffs_Uis_M_str.MinSrc 2 2 2 PsaAgAn_ComputedOffs_Uis_M_str.MinSrc 2 2 2 PsaAgAn_EcomputedOffs_Uis_M_str.MinSrc 2 2 2 PsaAgAn_EcomputedOffs_Uis_M_str.MinSrc 2 2 2 PsaAgAn_Nam_EcomputedOffs_Uis_M_str.MinSrc 1 1 1 PsaAgAn_Nam_ComputedOffs_Uis_M_str.MinSrc 0 0 0 PsaAgAn_Namad_ComputedOffs_Ui	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	h_f32	
PsaAgAn_AgArnOffsFiltDetd_Cnt_M_lgc 0 0 PsaAgAn_AgArnOffsFilt_Cnt_M_lgc 1 1 PsaAgAn_ComputedOffs_Uls_M_sir_MaxOffset 1679 1679 PsaAgAn_ComputedOffs_Uls_M_sir_MinOffset 1581 1581 PsaAgAn_ComputedOffs_Uls_M_sir_MinOffset 1581 1581 PsaAgAn_ComputedOffs_Uls_M_sir_MaxSrc 2 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_Mirtigle_F_Uls_M_sir_Sv_Uls_f32 10 10 PsaAgAn_Mirtigle_F_Uls_M_sir_Sv_Uls_f32 1350 1350 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_Sinit_Cnt_M_lgc 1 1 PsaAgAn_Sinit_Cnt_M_lgc 1	target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbOffsFit_Cnt_M_lgc	PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_HxrqLPF_Uls_M_str.SV_Uls_f32 10 10 10 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 1350 1350 1350 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_RelHwPosnToSertCom_HwDeg_M_f32 0 0 0 PsaAgAn_RelHwPosnToSertCom_HwDeg_M_f32 0 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 PsaAgAn_Stint_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stint_Cnt_M_lgc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 2 PsaAgAn_UsedOffs_Data_MaxSrc 2 2 2 PsaAgAn_UsedOffs_Data_MaxSrc 2 2 2 PsaAgAn_UsedOffs_Data_MaxSrc 2 2 2 PsaAgAn_UsedOffs_Data_MinSrc 2 2 PsaAgAn_UseAgArbn_ImdOffsData_MaxSrc 2 2 2 PsaAgAn_UseAgArbn_ImdOffsData_MinSrc 2 2 PsaAgAn_UseAgArbn_ImdOffsData_M	PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 1581 1581 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 2 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_Minvell_PF_Uls_M_str.Sv_Uls_f32 10 10 PsaAgAn_MinolnTrql_PF_Uls_M_str.Sv_Uls_f32 1350 1350 PsaAgAn_PinionTrql_PF_Uls_M_str.Sv_Uls_f32 890 890 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 Larget_Pim_PsaAgArbnLmdOffsData.MaxOffset 1679 1679	PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 2 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 10 10 PsaAgAn_mtrVelLPF_Uls_M_str.SV_Uls_f32 1350 1350 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PrelHwPosnrido_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_Stint_Cnt_M_gc 0 0 PsaAgAn_Stint_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MinSrc 2 2	PsaAgAn ComputedOffs Uls M str.MaxOffset	1679	1679	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 2 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscOffsSt_Cnt_M_gc 0 0 PsaAgAn_BesCOffsSt_Cnt_M_gc 0 0 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 10 10 PsaAgAn_NtrVelLPF_UIs_M_str.SV_UIs_f32 890 890 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 890 890 PsaAgAn_RelHPosnToSerICom_HwDeg_M_f32 0 0 PsaAgAn_RelHeWPosnToSerICom_HwDeg_M_f32 0 0 PsaAgAn_ResetEsc_Cnt_M_igc 0 0 PsaAgAn_ResetEsc_Cnt_M_igc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uis_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uis_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uis_M_str.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679	PsaAgAn ComputedOffs Uls M str.MinOffset	1581	1581	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 2 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscOrp_Cnt_M_lgc 0 0 PsaAgAn_MstrVell_PF_Uls_M_str.SV_Uls_f32 10 10 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 1350 1350 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelH-WPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHeWPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ReselEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Sthrit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset	PsaAgAn ComputedOffs Uls M str.MaxSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscOrc_Cnt_M_igc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 10 10 PsaAgAn_Pirior_Int_M_str.SV_Uls_f32 1350 1350 PsaAgAn_Pirior_Int_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnToSerICom_Cnt_M_igc 0 0 PsaAgAn_RelHwPosnToSerICom_Cnt_M_igc 0 0 PsaAgAn_RelHwPosnToSerICom_Cnt_M_igc 0 0 PsaAgAn_RelHwPosnToSerICom_Cnt_M_igc 0 0 PsaAgAn_Snsridod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Snsridod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MaxOffset <		2	2	~
PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 10 10 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 1350 1350 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 2 target_Pim_PsaAgArbnLmdOffsData.MinO		PSAAGAN DEFECT	PSAAGAN DEFECT	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 10 10 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 1350 1350 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 890 890 PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MinSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MinSrc </td <td>*</td> <td>0</td> <td>_</td> <td>-</td>	*	0	_	-
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 1350 1350 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 890 890 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SrsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 2 2 PsaAgArbnLrndOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2		10	10	✓
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 890 890 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 2 2 Larget_Pim_PsaAgArbnLmdOffsData.MaxOffset 1679 1679 Larget_Pim_PsaAgArbnLmdOffsData.MaxOffset 1679 1679 Larget_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 Larget_Pim_PsaAgArbnLmdOffsData.MinSrc 2 2 Larget_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 Larget_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 Larget_PsaAgArbn_Per1_AbstltHwPosnLvl1_Cnt_lgc.value		1350	1350	-
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Sthit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 Larget_Pim_PsaAgArtnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArtnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_Pim_PsaAgArbn_Per1_AbsitHwPosnLv11_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc.value 0 0		890	890	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0		PSAAGAN MODFAIL	PSAAGAN MODFAIL	✓
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0		_	_	•
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset 2 2 target_Pim_PsaAgArbnLmdOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0	PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0	PsaAgAn ResetEsc Cnt M Igc	0	0	✓
PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0		PSAAGAN MODFAIL	PSAAGAN MODFAIL	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1679 1679 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0			1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0	PsaAgAn UsedOffs Uls M str.MaxOffset	1679	1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MinOffset 1679 1679 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0	PsaAgAn UsedOffs Uls M str.MinOffset	1679	1679	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 target_Pim_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0		2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 target_Pim_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0	PsaAgAn UsedOffs Uls M str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✓
target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value 0 0	target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value 0 0	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	✓
torget Dog AgArba Dorf Abalthu Dog Drogision Hu Dog 92 value		0	0	✓
laiget_rsangnibit_rei i_nusitriwrosiiriedisioii_mwdeg_isz.vaiue 0	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target PsaAgArbn Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0		0	0	•
target PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value -1600 -1600		-1600	-1600	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7		7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05		1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1600 1600 ± 0.00001		1600		✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 ± 1e-05				✓
target PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value 0 0		0		✓

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	V

Test Step 2.3 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0





Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn MtrVeiLPF UIs M str.K UIs f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn PinionTrqLPF UIs M str.K UIs f32	0
	i e
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
	200
k_PsaAgAn_VehCondMinTi_mS_u32	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0
target Pim PsaAgArbnLrndOffsData.MinOffset	0
target Pim PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	3649.55127
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	146
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-41.1203995
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.5506992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.60070038
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-49.5728989
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3021.90015
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.50150001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	534.049072
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.19070005
	-2.190700005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	i e
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	107.980797
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_Rte_InstAp_Rte_I$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	Dea f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target PsaAgArbn Per1 EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target PsaAgArbn Per1 MtrVelCRF MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	· -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg		_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target PsaAgArbn Per1 VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData	1_132	
Name	Actual Value	Expected Value	Result
		Expected Value	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	O DOMAGAN INIT	O DOAACAN INIT	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn_ProvSparMed_Cnt_M_cours	O DEAACAN MODININ	O DEAACAN MODININ	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ 0	PSAAGAN_MODININ 0	_
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	_
PsaAgAn_ResetEsc_Cnt_M_lgc		PSAAGAN MODININ	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ 1	1	-
PsaAgAn_StInit_Cnt_M_lgc PsaAgAn UsedOffs Uls M str.MaxOffset	0	0	
	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	
target Pim PsaAgArbnLrndOffsData.MinOffset	0	0	
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	-
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	
target PsaAqArbn Per1 AbstthwPosnLvl2 Cnt lgc.value	0	0	-
0 _ 0	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0 ± 10-05	
	0	0	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value		l'	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.50150001	0.50150001 ± 1e-05	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	534.049072	534.049072 ± 0.00001 0 ± 1e-05	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 16-05	-
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	U	U	_



est Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Fest Step 2.4 (Repeat Count = 1)	Invest Malura
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn SnsrMod Cnt M enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target Rte Inst Ap PsaAgArbn
: CmnSysTrqRatio HwNmpMtrNm f32	18.9200001
cimioys11q1atto_11wtmpiitttim_i32 _PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
: PsaAgAn AbsHwPosLvl2 HwDeg_l32	8
	1
_PsaAgAn_EpsPrec_HwDeg_f32	2
x_PsaAgAn_MinPrecFail_HwDeg_f32	1630
x_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	
x_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
x_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
x_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
x_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
x_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
:_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
:_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
x_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
arget Pim PsaAgArbnLrndOffsData.MinSrc	*none*
	255





Name	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-650.965027		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	23		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-172.656693		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.2928009		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-3.78259993 -143.929901		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	2296.54688		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.485199988		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-483.452606		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.69640017		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	435.141693		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elaps	e 500208931		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_AgArbnStToSerlCom_Cnt_enu	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	0 _	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	_		
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 CumMechMtrPosStatus Cnt u		- v -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_InstAp_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_InstAp_PsaAgArbn$	f target_PsaAgArbn_Per1_EscOffsFromSerIC	om_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwall results a property of the property$	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPos_HwDeq target_PsaAgArbn_Per1_RelHwPosnToSerl	-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	_
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	J
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN INIT	PSAAGAN INIT	-
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	-
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	-
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	· ·
PsaAgAn_StInit_Cnt_M_lgc	0	1 0	J
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.485199988	0.485199988 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-483.452606	-483.452606 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

ame	Input Value
saAgAn AbsitHwPosnLvl2 Cnt M lgc	*none*
saAgAn AgArbnOffsFltDetd Cnt M Igc	*none*
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
saAgAn ComputedOffs Uls M str.MaxOffset	*none*
saAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
saAgAn ComputedOffs Uls M str.MaxSrc	*none*
saAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
saAgAn EscOffsSt Cnt M enum	*none*
aAgAn EscProc Cnt M Igc	*none*
aAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
aAgAn HwTrqLPF Uls M str.K Uls f32	*none*
aAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
aAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	*none*
aAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
aAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
aAgAn PrevSnsrMod Cnt M enum	*none*
aAgAn RelHwPosnToSerlCom HwDeg M f32	*none*
aAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	*none*
aAgAn ResetEsc Cnt M Igc	*none*
aAgAn SnsrMod Cnt M enum	*none*
aAgAn StInit Cnt M Igc	*none*
aAgAn UsedOffs Uls M str.MaxOffset	*none*
aAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
aAgAn UsedOffs Uls M str.MaxSrc	*none*
aAgAn UsedOffs Uls M str.MinSrc	*none*
e Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	
e_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
PsaAgAn AbsHwPosLvl2 HwDeg f32	8
PsaAgAn EpsPrec HwDeg f32	1
PsaAgAn MinPrecFail HwDeg f32	2
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
PsaAgAn OffsDataInitMaxSrc Cnt u08	0
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	-1
PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.00999999978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn_vencondMaxVehSpd Kph f32	3
PsaAgAn VehCondMinTi mS u32	200
PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
PsaAgAn_AbsittWAuthyY_UIs_u1p15[1]	0
PsaAgAn AbsitHwAuthyY Uls u1p15[3]	0
om @ out in tally i _olo_a ip io[o]	0





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none* *none*		
target Pim PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	220		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7314.42383		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	177		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1022.67261		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.5622005 6.08120012		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	655.964478		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2670.37207		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.835600019		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	318.935608		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.88040018		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	323.877808		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0 target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	ItrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg target_PsaAgArbn_Per1_EscOffsFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDey_i			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessAuthority target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target PsaAgArbn Per1 TorqueCmdCRF M	. 0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT	PSAAGAN INIT	-
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	O DECACOAN MODININ	0	*
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_loc	PSAAGAN_MODININ 1	PSAAGAN_MODININ 1	~
PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	·
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.835600019	0.835600019 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	318.935608	318.935608 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.6 (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
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_Stlnit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32 (ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978

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PsaAgArbn_Per1



		(00
Name	Input Value		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	146 -10125		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	211		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDatavidr10ffiSeffSoffi_Gc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-277.789215		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.8917007		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.28579998		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-762.001587		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-1445.71167		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1139.69055		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.02990007		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	319.013092		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps	se 3428075234		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDe	g_ target_PsaAgArbn_Per1_AbsltHwPosnPreci	ision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
	nt_u0i target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscDatavidFroms target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hv			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cn			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpt	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
		0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0		
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	PSAAGAN_INIT	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_INIT 0 0	0 0	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_INIT 0 0 0	0 0 0	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	PSAAGAN_INIT 0 0	0 0	•

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1139.69055	-1139.69055 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1

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	1		
Name	Input Value		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k PsaAgAn VehCondMaxPinTrq HwNm f32	0.69999988		
k PsaAqAn VehCondMaxVehSpd Kph f32	3		
k PsaAgAn VehCondMinTi mS u32	200		
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768		
t PsaAgAn AbsitHwAuthyY Uls u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[2]	0		
	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]			
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	73		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	10125		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	76		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-991.045227		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.6148996		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.528599977		
	1053.18274		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value			
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	283.30249		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.462500006		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1409.99011		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	165.576096		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	lapse 1557105261		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target \ Rte \ Inst \ Ap \ PsaAgArbn.PsaAgArbn \ Per1 \ AbsltHwPosnPrecision \ HwDeg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	/trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0		· •	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerICo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_t			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
	0	0	Nosuit
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc			-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•

 $PsaAgAn_ComputedOffs_Uls_M_str.MinOffset$

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Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.462500006	0.462500006 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1409.99011	-1409.99011 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.8 (Repeat Count = 1)	√
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_Stlnit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*

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Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	178
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1011.45349
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	55
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1516.16516
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.9356003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.95429993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1296.54028
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	2550.15869
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-464.869995
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.74860001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	73.9806976
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_Elaps$	3217849488
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Apart of the Compact of the C$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwlitarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	
5	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target Psaagardn Per'i ReihwposnvidioSericom Cht idc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32

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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_Vehicles	Speed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsD	ata	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-464.869995	-464.869995 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.9 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*





Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	*none*
Rte Inst Ap PsaAgArbn	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvl1 HwDeg f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k PsaAgAn EpsPrec HwDeg f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630
k PsaAgAn OffsDataInitMinSrc Cnt u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	125
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	0 158
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1117.703
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	27.6273994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.07400036
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1023.07617
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1792.33105
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-701.95752
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.38020039
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	52.4859009
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_Elaps$	391687561
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Record (Application of the Control of $	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_literatet_Rte_Inst_Ap_PsaAgArbn_PsaA	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerICom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOns-romSerlCom_HwDeg i	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	1 - 1 - 1
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
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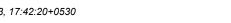


Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_Mtrl	RadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_Hw[Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToS	erlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldT	oSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuth	ority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwP	os_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVa	alid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_k	(ph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0	0	✓
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0	0	✓
PsaAgAn AgArbnOffsFlt Cnt M lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn ComputedOffs UIs M str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-701.95752	-701.95752 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.10 (Repeat Count = 1)	▼
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*

PsaAgArbn_Per1





Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none* *none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset	*none* *none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630 -
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1 0.5
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k PsaAgAn VehCondMinTi mS u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset target Pim PsaAgArbnLrndOffsData.MinOffset	*none*
target_Fiin_FsaAgArbnLrndOffsData.MinOffset target_Piin_PsaAgArbnLrndOffsData.MaxSrc	*none* *none*
target Pim PsaAgArbnLrndOffsData.MinSrc	*none*
target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	252
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	-101.527496
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	101
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-616.708801
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	11.2152004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.94740009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-18.9281998
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3140.27856
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-783.3255 -3.82599998
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	-3.82599998 0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	205.813995
target_rsaAgArbn_ren_venidespeed_rpn_isz.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvI1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	





Lings, R. Bir, Ed. Ap. Pashqukhen Pashqukhen Pashqukhen Nert Escholar/FromSertOm, Crit. (pc Lings, R. Bir, Ed. Ap. Pashqukhen Pashqukhen Nert Escholar/FromSertOm, Crit. (pc Lings, R. Bir, Ed. Ap. Pashqukhen Pashqukhen Pashqukhen Nert Escholar/FromSertOm, Crit. (pc Lings, R. Bir, Ed. Ap. Pashqukhen Pash	Name	Input Value		
target, Rie, Mat. Ap. PaskajArth Parlagetim, Parl EscoTeSra, Cnl. Ige target Rie, Inst. Ap. PaskajArth Parlagetim, Parl EscoTeSranSicion Hivborg, 12 target Rie, Inst. Ap. PaskajArth Parlagetim, Parl EscoTeSranSicion Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Hivborg, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Handship, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Handship, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Handship, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Handship, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Handship, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Handship, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Parl HandsheelPostion, Handship, 12 target, Rie, Inst. Ap. PaskajArth Parlagetim, Par	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
Imaget Ref. Imaget App ParkagAphth P	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
Larget Rel. Imak Ap PealogAnth Pearl Exhibition From Serior Marget Rel. Imak Ap PealogAnth Pearl Exhibition From Serior Marget Rel. Imak Ap PealogAnth Pearl Anthroad Rel. Imak Apple Rel. Imak Apple PealogAnth Pearl Anthroad Rel. Imak Apple Rel. Imak Apple PealogAnth Pearl Anthroad Rel. Imak Apple Rel. Imak Apple PealogAnth Pearl Anthroad Rel. Imak Apple Rel. Imak Apple PealogAnth Pearl Anthroad Rel. Imak Apple PealogAnthroad Rel. Imak Apple	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_le	gc	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target F.Ber A.P. PasAgArthn PasAgArthn Part HandwisePosition Hubleg 152 target F.Ber A.P. PasAgArthn Part HandwisePosition Hubleg 152 target F.Ber A.P. PasAgArthn Part MirVoCRF Hirthapp 122 target F.Ber A.P. PasAgArthn Part MirVoCRF Hirthapp 122 target F.Ber A.P. PasAgArthn Part Afthr Part MirVoCRF Hirthapp 122 target F.Ber A.P. PasAgArthn Part Afthr Part MirVoCRF Hirthapp 122 target F.Ber A.P. PasAgArthn Part Afthr Part F.BerthPosin ToSeriCom, Hubleg 122 target F.Ber A.P. PasAgArthn Part AgArthn Part F.BerthPosin ToSeriCom, Hubleg 122 target F.Ber A.P. PasAgArthn PasAgArthn Part F.BerthPosin ToSeriCom, Hubleg 122 target F.Ber A.P. PasAgArthn PasAgArthn Part F.BerthPosin ToSeriCom, Hubleg 122 target F.Ber A.P. PasAgArthn PasAgArthn Part F.BerthPosin ToSeriCom, Hubleg 122 target F.Ber A.P. PasAgArthn Part AgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber A.P. PasAgArthn Part AgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part Agarthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.Ber I.P. PasAgArthn Part T. VerlicisSpeedValid Crit Igot target F.B	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
Imager, Rie, Imat, Ap. PsaAgArton Pearl, NorTorque, HowTong, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, Herborous, HowDeg, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors, NorTorg, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors, NorTorg, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors, NorTorg, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors, NorTorg, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors To Sentorm. Unit upter, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors To Sentorm. Unit upter, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors To Sentorm. Unit upter, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors To Sentorm. Unit upter, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors To Sentorm. Unit upter, Ree, Inst. Ap. PsaAgArton Pearl, Relehvors To Sentorm. Unit upter, Ree, Inst. Ap. PsaAgArton Pearl, Torque ComcRFF, Minton, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, VehicloSpeed Vigin, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, VehicloSpeed Vigin, 192 Imager, Ree, Inst. Ap. PsaAgArton Pearl, VehicloSpeed Vigin, 192 Imager, PsaAgArton, Pearl, VehicloSpeed Vigin, 192 Imager, PsaAgA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
targer, Rein, Inst., Ap., PsaAgArton, Pearl, MrtwCRF, MrtRap65, f32 targer, Rein, Inst., Ap., PsaAgArton, Pearl, ReithwPosnToSertCom_HwDeg targer, Rein, Inst., Ap., PsaAgArton, PsaAgArton, Pearl, Services Sulhronin, Using targer, Rein, Inst., Ap., PsaAgArton, PsaAgArton, Pearl, Services Sulhronin, Using targer, Rein, Inst., Ap., PsaAgArton, PsaAgArton, Pearl, Services Sulhronin, Using targer, Rein, Inst., Ap., PsaAgArton, PsaAgArton, Pearl, VehicleSpeed Valid, Cn. Ig targer, Rein, Inst., Ap., PsaAgArton, PsaAgArton, Pearl, VehicleSpeed Valid, Cn. Ig targer, Rein, Inst., Ap., PsaAgArton, Ps	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
Imager, Relin, Inst. Ap. PsaAgAntnn Pearl, Apth Pearl, Relin-Wesp. 1500 Temper Relin Inst. Ap. PsaAgAntnn Pearl Relin-MeresnitorSenicom - Integret, Relin-Meresnita Apth Pearl Relin-Meresnita Relin-Mere	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target. Riest. Ap. PsadapArton PsadapArton PsatapArton PsatapArto	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
Isage, Rel. Inst. Ap. PsadpAthn PsadpAthn PsatpAthn Sericom. Cnt. ptergel. Rel. Inst. Ap. PsadpAthn PsatpAthn Psa	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target. Ret. Inst. Ap. PeadpArbn PasAgArbn PeadpArbn. Pert. SensoriessAhurbotty. Uis. 122 target. Ret. Inst. Ap. PeadpArbn. Pert. SensoriessAhurbn. March SensoriessAhurbn. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn Pert. Pert. VerbiceSpeed Kynt. 120 target. Ret. Inst. Ap. PeadpArbn Pert. Pert. VerbiceSpeed Kynt. 120 target. Ret. Inst. Ap. PeadpArbn Perd. Aphthr. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn Perd. Aphthr. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn Perd. Aphthr. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn Perd. Aphthr. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Ret. Inst. Ap. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Pert. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. Pert. PeadpArbn. Pert. VerbiceSpeed Kynt. Pert. TorqueCmcGRF_Mrhm. 732 target. PeadpArbn. Pert. PeadpArbn. Derd. PeadpArbn. Pert. PeadpArbn. Derd. PeadpArbn. Pert. PeadpArbn. De	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn PsaT_SensoriessIHWPos_HX0e_1732 larget_Rite_Inst_Ap_PsaAgArthn PsaT_SensoriessIHWPos_HX0e_1732 larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn PsaT_SensoriessIHWPos_HX0e_1732 larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn PsaT_SensoriessIHWPos_HX0e_1732 larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn PsaAgArthn PsaT_SensoriessIHWPos_HX0e_1732 larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn PsaT_SensoriessIHWPos_HX0e_1732 larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn Michigespeed/Valid_Crit_Igo_larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn Michigespeed/Valid_Crit_Igo_larget_Rite_Inst_Ap_PsaAgArthn PsaAgArthn Michigespeed/Valid_Crit_Igo_larget_Rite_Inst_Ap_PsaAgArthn Michigespeed/Valid_Crit_Igo_larget_Rite_Inst_Ap_PsaAgArthn Michigespeed_Valid_Crit_Igo_larget_Rite_Inst_Ap_PsaAgArthn Michigespeed_Valid_Crit_Igo_Valid_Crit_I	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
larget_Rel_Inst_Ap_PsaAgArbn PsaAgArbn Per1_TorqueCmcRER_MinNm_I22	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
target_Rite_Inst_Ap_PsaAgArtn PsaAgArtn_Psr1_vehiclsSpeedValid_Cnt_lgo target_Rel_Inst_Ap_PsaAgArtn PsaAgArtn_Psr1_vehiclsSpeed Xfh_G32 target_Rel_Inst_Ap_PsaAgArtn PsaAgArtn_MorthSbats target_Pm_PsaAgArtn_MorthSbats Name Actual Value Expected Value Result PsaAgAn_ABArtnOffsFIDerd_Cnt_M_lgo 0 0 ✓ PsaAgAn_ABArtnOffsFIDerd_Cnt_M_lgo 0 0 ✓ PsaAgAn_ABArtnOffsFIDerd_Cnt_M_lgo 0 0 ✓ PsaAgAn_ABArtnOffsFIDerd_Cnt_M_lgo 0 0 ✓ PsaAgAn_ComputeOffs_Us_M_st MinOffset 0 0 ✓ PsaAgAn_ComputeOffs_Us_M_st MinOffset 0 0 ✓ PsaAgAn_ComputeOffs_Us_M_st MinOffset 0 0 ✓ PsaAgAn_EnsoffsECont_M_lgo 0 0 ✓ PsaAgAn_NEVEROC_Cnt_M_lgo 0 0 ✓ PsaAgAn_HWTrQLPF_Us_M_str_SV_Us_f32 0 0 ✓ PsaAgAn_NEVER_Dus_M_str_SV_Us_f32 0 0 ✓ PsaAgAn_RelimProsnToserCom_Cnt_M_lgo 0 0 ✓ PsaAgAn_RelimProsnToserCom_Cnt_M_lgo	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target, Piet, Inst. Ap. PsaAgArbn. Piert, VehicleSpeed, Kph_132 target, Pres. Part VehicleSpeed, Kph_152 target, Piet, Inst. Ap. PsaAgArbn. Pimir PsaAgArbn. ImmOffsData Actual Value Expected Value Result PsaAgAn. AbsHHwFosn. Vs. Crit, M. Igc 0 0 ✓ PsaAgAn. AgArbn. OffsFitt. Ort. M. Igc 0 0 ✓ PsaAgAn. CamputedOffs. Uis. M. str. MaxOffset 0 0 ✓ PsaAgAn. ComputedOffs. Uis. M. str. Minoffset 0 0 ✓ PsaAgAn. ComputedOffs. Uis. M. str. Minoffset 0 0 ✓ PsaAgAn. ComputedOffs. Uis. M. str. Minoffset 0 0 ✓ PsaAgAn. ComputedOffs. Uis. M. str. Minoffset 0 0 ✓ PsaAgAn. Exerbroc. Crit. M. Igc 0 0 ✓ PsaAgAn. Exerbroc. Crit. M. Igc 0 0 ✓ PsaAgAn. Pinion Triq. PF. Uis. M. str. Str. Uis. Is Is 0 0 ✓ PsaAgAn. Pinion Triq. PF. Uis. M. str. Str. Uis. Is 0 0 ✓ PsaAgAn. Pinion Triq. PF. Uis. M. str. Str. Uis. Is 0 0 ✓ PsaAgAn. RelHwPosnYoff SeerCom. M	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/ltrNm_f32	
Name Actual Value Expected Value Result PasaAgAn_Abstit+wPosnLv12_Cnt_M_lgc 0 0 ✓ PasAgAn_ApArbnOffsFittCnt_M_lgc 0 0 ✓ PasAgAn_ApArbnOffsFittCnt_M_lgc 0 0 ✓ PasAgAn_ComputedOffs_Us_M_str_MaxOffset 0 0 ✓ PasAgAn_ComputedOffs_Us_M_str_MaxOffset 0 0 ✓ PasAgAn_ComputedOffs_Us_M_str_MaxSrc 0 0 ✓ PasAgAn_EncomputedOffs_Us_M_str_MaxSrc 0 0 ✓ PasAgAn_DemotedOffs_Us_M_str_MaxSrc 0 0 ✓ PasAgAn_EncomputedOffs_Us_M_str_MuxSrc_Us_IS2 0 0 ✓ PasAgAn_Instract_PE_Us_M_str_Sv_Us_IS2 0 0 0 ✓ PasAgAn_PinonTruLPE_Us_M_str_Sv_Us_IS2	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
Name Actual Value Expected Value Result PasAgAn AbstithWposnLV2_Cnt_M_lgc 0 0 0 ✓ PasAgAn AgAthnOffsFilDetd_Cnt_M_lgc 0 0 ✓ PasAgAn ComputedOffs_UIs_M_str.MaxOffset 0 0 ✓ PasAgAn_ComputedOffs_UIS_M_str.MinOffset 0 0 ✓ PasAgAn_ComputedOffs_UIS_M_str.MaxSrc 0 0 0 ✓ PasAgAn_Elever_Com_Lin_M_str.MaxSrc 0 0 0 ✓ PasAgAn_MathusedOffs_UIS_M_str.MaxSrc 0 0	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_f32	
PsaAgAn_AbstithwPosnLvi2_Cnt_M_lgc 0 0 0 ✓ PsaAgAn_AgArthoffserIbed_Cnt_M_lgc 0 0 ✓ PsaAgAn_AgArthoffserIbed_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uis_M_str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uis_M_str.MinSrc 0 0 0 ✓ PsaAgAn_ComputedOffs_Uis_M_str.MinSrc 0 0 0 ✓ PsaAgAn_ComputedOffs_Uis_M_str.Sv_Uis_fisc 0 0 0 ✓ PsaAgAn_LoteOff_Uis_M_str.Sv_Uis_fisc 0 0 0 ✓ PsaAgAn_PincUis_Clip_Uis_M_str.Sv_Uis_fisc 0 0 0	target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
PsaAgAn_AgArbnOffsFilDed_Cn_M_lgc 0 0 √ PsaAgAn_AgArbnOffsFilCnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str MaxOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str MinSrc 0 0 ✓ PsaAgAn_EscOffsSI_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT ✓ PsaAgAn_EscOffsSI_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_M_HVelLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MINTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MINTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_Nell-Fe_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PservEnfold_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ ✓ PsaAgAn_Sericon_Cn_M_lgc 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	Name	Actual Value	Expected Value	Result
PasAgAn AgArtnOffsFit_Cnt_M_lgc 0 0 V PasAgAn ComputedOffs_Uls_M_st_Mst_Modifiest 0 0 V PasAgAn_ComputedOffs_Uls_M_st_Mst_MinOffset 0 0 V PsaAgAn_ComputedOffs_Uls_M_st_Mst_MinSrc 0 0 0 V PsaAgAn_ComputedOffs_Uls_M_st_Mst_MinSrc 0 0 0 V PsaAgAn_ComputedOffs_Uls_M_st_Mst_Mst_Mst_Mst_Mst_Mst_Mst_Mst_M	PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn_MIVELPF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn_MIVELPF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn_MIVELPF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn_ARIPULPF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn_ARIPULPF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn_ARIPULPF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn_MODININ PSAAGAN_MODININ PSAAGAN_MODININ ✓ PsaAgAn_MODININ V PsaAgAn_ARIPWPosnIVID_SCHOC_M_COM_LAND ✓ PsAAGAN_MODININ	PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 V PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 V PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 V PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT V PsaAgAn_EscOffsSt_Cnt_M_loc 0 0 V PsaAgAn_EscOffsSt_Cnt_M_loc 0 0 V PsaAgAn_EscOffsSt_Cnt_M_loc 0 0 0 V PsaAgAn_MrtrQLPE_Uls_M_str.Sv_Uls_f32 0 0 0 V PsaAgAn_PinionTrQLPE_Uls_M_str.Sv_Uls_f32 0 0 0 V PsaAgAn_Reli-WPosnToderCom_Cnt_M_loc 0 0 0 V PsaAgAn_Reli-WPosnToderCom_Cnt_M_loc 0 0 0 V <td< td=""><td>PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc</td><td>0</td><td>0</td><td>~</td></td<>	PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 0 0 0 0 0 V PsaAgAn_ExcoffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT_INIT_INIT_INIT_INIT_INIT_INIT_IN	PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscProc_Cnt_Menum PsaAgAn_EscProc_Cnt_Menum PSAAGAN_INIT PSAAGAN_INIT PSAAGAN_INIT PsaAgAn_EscProc_Cnt_Menum 0 0 0 PsaAgAn_MrVTqLPF_UIs_M_str.SV_UIs_f32 0 0 0 PsaAgAn_PrinonTrqLPF_UIS_M_str.SV_UIS_f32 0 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ Y PsaAgAn_RelHwPosnToSerICom_HuDeg_M_f32 0 0 0 Y PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 Y PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 Y PsaAgAn_Strint_Cnt_M_ge 1 1 1 Y PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 0 Y PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 0 Y PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 0 Y PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 0 Y PsaAgAn_UsedOffs_UIs_M_str.	PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PSAAGAN_ESCOFISS_CRI_M_legrand	PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_EscProc_Cnt_M_lgc	PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_MrtrqLPF_Uls_M_str.SV_Uls_f32 0 0 0 0 V PsaAgAn_MrtrqLPF_Uls_M_str.SV_Uls_f32 0 0 0 0 V PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PSAAGAN_MODININ PSAAGAN_RelHwPosnToSerlCom_Cnt_M_lgc 0 0 0 0 V PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc 0 0 0 0 0 V PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc 0 0 0 0 0 V PsaAgAn_RestEsc_Cnt_M_lgc 0 0 0 0 0 V PsaAgAn_SinstMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PSAAGAN_MODININ PSAAGAN_SinstMod_Cnt_M_enum PSAAGAN_SinstMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ V PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 0 V target_Pim_PsaAgArbnt_modfsData_MaxOffset 0 0 0 V target_Pim_PsaAgArbnt_modfsData_MaxSrc 0 0 0 V target_Pim_PsaAgArbnt_modfsData_MinSrc 0 0 0 V target_PsaAgArbn_Perl_AbsitHwPosnLv1_Cnt_igc_value 0 0 V target_PsaAgArbn_Perl_AbsitHwPosnLv1_Cnt_igc_value 0 0 V target_PsaAgArbn_Perl_AbsitHwPosnLv1_Cnt_igc_value 0 0 V target_PsaAgArbn_Perl_AbsitHwPosnLv1_Cnt_igc_value	PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_IntrveiLPF_Uls_M_str.SV_Uls_f32	PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc 0 0 PsaAgAn_ResetEsc_Cnt_M_Igc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 Veacyal_m_PsaAgArbnLmdOffsData_MaxOffset 0 0 target_Pim_PsaAgArbnLmdOffsData_MaxOffset 0 0 target_Pim_PsaAgArbnLmdOffsData_MaxSrc 0 0 0 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvIz_Cnt_Igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvIz_Cnt_Igc.value 0 0	PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PsaAgAn_Stlint_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 0 0 target_Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 target_Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLv1_Cnt_lgc.value 0	PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn RelHwPosnToSerICom_HwDeg_M_f32 0 0 V PsaAgAn_RelHwPosnVldToSerICom_Cnt_M_lgc 0 0 V PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 V PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ V PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 V PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 V target_Pin_PsaAgArbnLmdOffsData.MinSrc 0 0 V target_Pin_PsaAgArbnLmdOffsData.MinOffset 0 0 V target_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc.value 0 0 V target_PsaAgArbn_Per1_AbsitHwPosnL	PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn RelHwPosnVldToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 Varget_Pim_PsaAgArbnLmdOffsData.MaxOffset 0 0 Varget_Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 Varget_PsaAgArbn_Per1_AbsithwPosnLv12_Cnt_lgc.value 0 0 Varget_PsaAgArbn_Per1_AbsithwPosnLv12_Cnt_lgc.value 0 0 Varget_PsaAgArbn_Per1_AbsithwPosn_HvDeg_f32.value 0 0 Varget_PsaAgArbn_Per1_AgArbnStTOSertCom_Cnt_enum.value <td>PsaAgAn_PrevSnsrMod_Cnt_M_enum</td> <td>PSAAGAN_MODININ</td> <td>PSAAGAN_MODININ</td> <td>~</td>	PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn ResetEsc Cnt_M.gc 0 0 V PsaAgAn_SnsrMod_Cnt_M.enum PSAAGAN_MODININ PSAAGAN_MODININ V PsaAgAn_Stlnit_Cnt_M.jc 1 1 1 V PsaAgAn_UsedOffs_Uls_M.str.MaxOffset 0 0 V V PsaAgAn_UsedOffs_Uls_M.str.MinOffset 0 0 V V PsaAgAn_UsedOffs_Uls_M.str.MinSrc 0 0 V V PsaAgAn_UsedOffs_Uls_M.str.MinSrc 0 0 V V V PsaAgAn_UsedOffs_Uls_M.str.MinSrc 0 0 V	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 UsedOffs_Uls_M_str.MinOffset 0 0	PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_Stint_Cnt M_ Igc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLmdOffsData.MaxOffset 0 0 ✓ target_Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 ✓ target_Pim_PsaAgArbnLmdOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbstltHwPosnLvl1_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbstltHwPosnLvl2_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbstltHwPosnPrecision_HwDeg_f32.value 0 0 0 ✓ target_PsaAgArbn_Per1_AbstltHwPosnLHwDeg_f32.value 0 0 ✓ ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 ✓ PsaAgAn_UsedOffs_UIs_M_str.MinOffset 0 0 ✓ PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 ✓ PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsItHwPosnLv11_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsItHwPosnLv12_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsItHwPosnVid_Cnt_lgc.value 0 0 ±1e-05 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.32	PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001	PsaAgAn_StInit_Cnt_M_lgc	1	Ī	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 ✓	PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ±1e-05 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value -783.3255 -783.3255 ± 0.00001 ✓	PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
target Pim_PsaAgArbnLmdOffsData.MaxOffset 0 0 ✓ target Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 ✓ target_Pim_PsaAgArbnLmdOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ±1e-05 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 ✓	PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
target Pim_PsaAgArbnLrndOffsData.MinOffset 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001	PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 ✓ target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 ✓	target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target Pim PsaAgArbnLrrdOffsData.MinSrc 0 0 ✓ target PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 ✓ target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 ✓	target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001	target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_igc.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -78	target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value 0 0 target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 ✓	target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 ✓	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001 **Total Company of the Company of th		0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001		0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 1± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -783.3255 -783.3255 ± 0.00001		0	0	✓
		1	1 ± 1e-05	
	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-783.3255	-783.3255 ± 0.00001	✓
talget_FsaAgAibit_Feit_ReinwFosittoSeitCotti_nwDeg_132.value 0 0 1 1e-05	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value 0 0		0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓



Test Step 2.11 (Repeat Count = 1)	🗸
Name	Input Value
PsaAgAn AbsitHwPosnLvi2 Cnt M Igc	*none*
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32 PsaAgAn MtrVeILPF UIs M str.SV UIs f32	*none* *none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none* *none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvI1 HwDeg f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1 0.5
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k PsaAgAn VehCondMaxPinTrg HwNm f32	0.69999988
k PsaAgAn VehCondMaxVehSpd Kph f32	3
k PsaAgAn VehCondMinTi mS u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
	•
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	0 0 10
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	0 0 10 25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	0 0 10 25 1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 0 10 25 1679 *none*
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	0 0 10 25 1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	0 0 10 25 1679 *none* *none*
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0 0 10 25 1679 *none* *none*
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	0 0 10 25 1679 *none* *none* *none*
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0 0 10 25 1679 *none* *none* *none* *15
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0 0 10 25 1679 *none* *none* *none* *15 -5461.78223 0 0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0 0 10 25 1679 *none* *none* *none* 15 -5461.78223 0 0 0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0 0 10 25 1679 *none* *none* *none* *none* 15 -5461.78223 0 0 0 1
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0 0 10 25 1679 *none* *none* *none* *none* 15 -5461.78223 0 0 0 1 1555.10352
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0 0 10 25 1679 *none* *none* *none* *none* 15 -5461.78223 0 0 0 1 1555.10352 23.5872002
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0 0 10 25 1679 *none* *none* *none* *none* 15 -5461.78223 0 0 0 1 1555.10352 23.5872002 -5.18319988
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0 0 10 25 1679 *none* *none* *none* *none* 15 -5461.78223 0 0 0 1 1555.10352 23.5872002
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0 0 10 25 1679 *none* *none* *none* 15 -5461.78223 0 0 0 1 1555.10352 23.5872002 -5.18319988 -632.012878
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0 0 10 25 1679 *none* *none* *none* 15 -5461.78223 0 0 0 1 1555.10352 23.5872002 -5.18319988 -632.012878 1472.97961
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	0 0 10 25 1679 *none* *none* *none* 15 -5461.78223 0 0 0 1 11555.10352 23.5872002 -5.18319988 -632.012878 1472.97961 0.83829999
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Igc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_Igc.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNDeg_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	0 0 10 25 1679 *none* *none* *none* *none* 15 -5461.78223 0 0 0 1 1 1555.10352 23.5872002 -5.18319988 -632.012878 1472.97961 0.83829999 38.1071014 6.49599981 0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscPfrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	0 0 10 25 1679 *none* *none* *none* *none* 15 -5461.78223 0 0 0 1 1555.10352 23.5872002 -5.18319988 -632.012878 1472.97961 0.83829999 38.1071014 6.49599981 0 343.298401





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1	Cnt lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN	/trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ft$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	*	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	I=	1
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT	PSAAGAN INIT	-
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	_
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	V
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.83829999	0.83829999 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	38.1071014	38.1071014 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0		✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0 ± 1e-05 0	-



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.12 (Repeat Count = 1)	
	Input Value
	none
	none
	none
	none
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*
	none
	none
	none
	none
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	*none*
•	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
	none
0 = = = = = = = = = = = = = = = = = = =	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn SnsrMod Cnt M enum	*none*
PsaAgAn StInit Cnt M Igc	*none*
PsaAgAn UsedOffs Uls M str.MaxOffset	
0	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
	target_Rte_Inst_Ap_PsaAgArbn
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	32768
_ 0 _ / 1	0
_ , ,	0
_ 0 0_ 1.1	0
	10
	25
	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
torget Dire DocAsArbul and Offe Dote Min Cre	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	none





Bioty, President Committee Committ	Name	Input Value		
Section Packy About Pack Eccloration Continue Conti	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	271.697205		
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154,03977				
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target_Rie_Inst_Ap_PsaAgArbn.PsaAgArbn_Peri_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_SensoriessHwPs_HvDeg_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_Torque/mcdRF_MrMm_f32 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_Torque/mcdRF_MrMm_f32 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_VehicleSpeed_Kip_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_VehicleSpeed_Kip_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_VehicleSpeed_Kip_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Indering target_PsaAgArbn_Peri_VehicleSpeed_Kip_132 target_PsaAgArbn_Preri_VehicleSpeed_Kip_132 target_PsaAgArbn_Peri_VehicleSpeed_Kip_132 target_PsaAgArbn_Preri_VehicleSpeed_Kip_132 target_PsaAgArbn_Indering target_PsaAgAr	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_SensoriessHwPos_HwDeg_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_TorqueCmdCRF_Minhm_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_Rie_Inst_Ap_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_Rie_Inst_Ap_PeaAgArbn_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_PeaAgArbn_Per1_VehicleSpeed_Kinf_f32 target_PeaAgArbn_Fart_Fart_Fart_Fart_Fart_Fart_Fart_Fart	$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_Ap_PsaAgArbn_Psa$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_Mirhm_f32 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Upc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Upc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Upc target_PsaAgArbn_Per1_VehicleSpeed_Veh_Rs2 target_Rie_Inst_Ap_PsaAgArbn_Prim_PsaAgArbn_Per1_VehicleSpeed_Veh_Rs2 target_PsaAgArbn_Per1_VehicleSpeed_Veh_Rs2 target_PsaAgArbn_Per1_VehicleSpeed_Veh_Rs2 target_PsaAgArbn_Inst_Der1_VehicleSpeed_Veh_Rs2 target_PsaAgArbn_Inst_Der1_VehicleSpeed_Veh_Rs2 target_PsaAgArbn_IndOffsData Namo				
target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed Kip_f32 target_Re_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed Kip_f32 target_Re_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed Kip_f32 target_Re_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed Kip_f32 target_Re_Inst_Ap_PsaAgArbn_PsaAgArbn_MoffsData		' - '	-	
target_Rie_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_vehicleSpeed_Kph_f32 target_PsaAgArbn_ModifisData Name Actual Value Expected Value Result PsaAgAn_AshthMPosnLvi2_Crt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFill.Crt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFill.Crt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFill.Crt_M_Igc 0 0 0 PsaAgAn_ComputedOffs_Uis_M_str.MaxOffset 0 0 0 PsaAgAn_ComputedOffs_Uis_M_str.MaxSrc 0 0 0 PsaAgAn_ComputedOffs_Uis_M_str.MinOffset 0 0 0 PsaAgAn_ComputedOffs_Uis_M_str.MinOffset 0 0 0 PsaAgAn_ComputedOffs_Uis_M_str.MinOffset 0 0 0 PsaAgAn_EscOrt_Cott_M_Igc 0 0 0 PsaAgAn_EscOrt_Cott_M_Igc 0 0 0 PsaAgAn_Minvell_Pr_Uis_M_str.Sv_Uis_f32 0 0 0 PsaAgAn_Minvell_Pr_Uis_M_str.Sv_Uis_f32 0 0 0 PsaAgAn_ReliwPosnToScelfcom_Hobeg_M_ris_ 0 <				
Starget_Rie_Inist_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Starget_Pim_PsaAgArbnLmdOffsData Starget_Pim_PsaAgArbnLmdOffsData Starget_Pim_PsaAgArbnLmdOffsData Starget_Pim_PsaAgArbnLmdOffsData Starget_Pim_PsaAgArbnLmdOffsData Starget_Pim_PsaAgArbnDfsFit_Cnt_M_lgc				
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PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc			•	✓ ✓
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset 0 0 PsaAgAn_ComputedOffs_UIs_M_str.MinOffset 0 0 PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 0 0 PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_HivTelLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_Rell-WPosnVidToSeriCom_HwDeg_M_f32 0 0 PsaAgAn_Rell-WPosnVidToSeriCom_HwDeg_M_f32 0 0 PsaAgAn_Rell-WPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_Stribt_Cnt_M_lgc 1 1				•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_ExoDffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSL_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscOffsSL_Cnt_M_lgc 0 0 PsaAgAn_MirVelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_MirVelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_ReseltEsc_Cnt_M_lgc 0 0 PsaAgAn_ReseltEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MixOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MixSrc 0 0 0 0 0 PsaAgAn_UsedOffs_Uls_M_str.MixSrc 0 0 0 0		0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_MitVelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_NelHwPosnVidToSerlCom_Hwbeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Hwbeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Lnd_lgc 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Lnd_lgc 0 0 PsaAgAn_Strib_Cnt_M_igc 0 0	PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	-
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_Igc 0 0 PsaAgAn_HivTqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_MitrVelLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIS_f32 0 0 PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVIdToSerlCom_End_Igc 0 0 PsaAgAn_ResetEsc_Cnt_M_Igc 0 0 PsaAgAn_SinsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SinsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 </td <td>PsaAgAn_ComputedOffs_Uls_M_str.MinOffset</td> <td>0</td> <td>0</td> <td>-</td>	PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	-
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_MtVrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Suls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 Iarget_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 Iarget_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630				
PsaAgAn_EscProc_Ont_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnrVsdToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnrVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbnLmdOffsData.MinSrc 0 0 </td <td></td> <td></td> <td></td> <td></td>				
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIS_f32 0 0 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIS_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Sthirt_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbnLmdOffsData.MinSrc 0 0	0 = = = =	_	_	
PsaAgAn_MitrVellLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_Stinit_Cnt_M_lgc 0 0 PsaAgAn_Stinit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0				
PsaAgAn PinionTrqLPF Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 Varget_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0				
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PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MaxOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0		1		
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0		_	_	•
PsaAgAn_SnsrMod_Cnt_M_enum PsAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_lgc.value 0 0		0	0	-
PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_lgc.value 0 0	PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	-
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc.value 0 0	PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_UsedOffs_UIs_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc.value 0 0				
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 0 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 0 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 0 0 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value 0 <td< td=""><td></td><td></td><td></td><td>_</td></td<>				_
PsaAgAn_UsedOffs_UIs_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0				
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0				
target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0		1		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0	and a second sec	1		
	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt lqc.value	0	0	
			1	•





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1243.5105	1243.5105 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	*none*
PsaAgAn AgArbnOffsFitDetd Cnt M Igc	*none*
PsaAgAn AgArbnOffsFlt Cnt M lgc	*none*
PsaAgAn ComputedOffs Uls M str.MaxOffset	*none*
PsaAgAn ComputedOffs UIs M str.MinOffset	*none*
PsaAgAn ComputedOffs Uls M str.MaxSrc	*none*
saAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*
saAgAn_EscOffsSt_Cnt_M_enum	*none*
saAgAn_EscProc_Cnt_M_lgc	*none*
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
saAgAn MtrVelLPF Uls M str.SV Uls f32	*none*
saAgAn MtrVeiLPF Uls M str.K Uls f32	*none*
saAgAn PinionTrqLPF Uls M str.SV Uls f32	*none*
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
saAgAn PrevSnsrMod Cnt M enum	*none*
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
saAgAn ResetEsc Cnt M Igc	*none*
saAgAn SnsrMod Cnt M enum	*none*
saAgAn StInit Cnt M Igc	*none*
saAgAn UsedOffs Uls M str.MaxOffset	*none*
saAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
saAgAn_UsedOffs_UIs_M_str.MaxSrc	*none*
saAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTi	
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio HwNmpMtrNm f32	18.9200001
PsaAgAn AbsHwPosLvI1 HwDeg f32	20
PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
PsaAgAn EpsPrec HwDeg f32	1
PsaAgAn MinPrecFail HwDeg f32	2
PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630
	0
PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630
PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	-1
PsaAgAn VehCondMaxHwTrq HwNm f32	0.5
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.00999999978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
_FsaAgAn_VehCondMinTi_mS_u32	200
_FsaAgAn_AbsItHwAuthyY_Uls_u1p15[0]	32768
PsaAgAn AbsitHwAuthyY Uls u1p15[1]	32768
_FsaAgAn_AbsitHwAuthyY_Uis_u1p15[2]	0
PsaAgAn AbsitHwAuthyY Uls u1p15[3]	0





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	136		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1726.89514		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	53		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-403.596588		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.85039997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.12190008		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	375.509796		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1687.16602		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-777.865479		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	146.236496		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum	target_PsaAgArbn_Per1_AbsltHwPosn_HwE target_PsaAgArbn_Per1_AgArbnStToSerlCo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechN		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0		· •	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	le	I
Name	Actual Value	Expected Value	Result
PsaAgAn_AbstrHwPosnLvt2_Cnt_M_lgc	0	0	Ž
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	-
PsaAgAn EscProc Cnt M Igc	0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	-
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	-
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	-
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	-
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	-
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	-
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
· oar igran_one_one_in_one			
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
	1 0	0	7
PsaAgAn_StInit_Cnt_M_lgc			

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-777.865479	-777.865479 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.14 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	10 25		
t_PsaAgAn_AbsittwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target Pim PsaAgArbnLrndOffsData.MinOffset	*none*		
target Pim PsaAgArbnLrndOffsData.MaxSrc	*none*		
target Pim PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	30		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7163.09424		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	187		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	786.194824		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.5884991		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-10		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	64.8553009		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1146.96814		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.729099989		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1101.94751		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.31879997		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	71.1871033		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_ElapsedTime_uS_U332_ElapsedTime_uS_U332_Elaps$	4284280723		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_Rte_InstAp_Rte$	g_ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSeriCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_k		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL			
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	0 - 0	/ - -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn AbsitHwPosnLvi2 Cnt M Igc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAqAn PinionTrqLPF UIs M str.SV UIs f32	0	0	

PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32

target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

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Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.729099989	0.729099989 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1101.94751	1101.94751 ± 0.00001	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

0

0 ± 1e-05

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32 (ElapsedTime_uS_u32 (Elapse$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8





Name	Input Value		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target Pim PsaAgArbnLrndOffsData.MaxSrc	*none*		
target Pim PsaAgArbnLrndOffsData.MinSrc	*none*		
target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	28		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1673.74426		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	45		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value			
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	569.974182		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.8396997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-33.3661003		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2503.18359		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-187.108994		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.2198		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	435.303894		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_Elap$	1076438868		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_I$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	1trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_kg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
	0 - 0 1	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDog_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerI0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	V
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	0	0	-
	-		

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-187.108994	-187.108994 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*

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Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	200
k_PsaAgAn_venCondmin11_ms_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsittwAddiy1_Ois_u1p15[5] t_PsaAgAn_AbsittwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	86
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1375.56714
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	75
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	738.362793
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.3146992
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.45230007
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-868.459595
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2544.67993
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.00669999979
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-768.399597 -768.399597
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.85580015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	430.047302
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1020975854 target PsaAgArbn Per1 AbslitHwPosnLvl1 Cnt lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgAron_Peri_AositHwPosnLvl1_Cnt_igc target_PsaAgAron_Peri_AbsltHwPosnLvl2_Cnt_igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosn HwDeg f32	target PsaAgArbn Per1 AbsitHwPosn HwDeg f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum	0 2 0 2 2 2 2 2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32$	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.00669999979	0.00669999979 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-768.399597	-768.399597 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.17 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	





Name	Input Value
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t PsaAgAn AbsitHwAuthyY Uls u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[3]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsittwrosnPrecX_HwDeg_u16p0[3]	1679
	none
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	182
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6754.10449
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	197
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-975.546509
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.3289001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1219.96814
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2151.22632
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.495099992
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1316.78992
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.62010002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	352.535889
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_Elap$	473553313
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	1 - 1 - 1
<u> </u>	





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTord	que_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f3	2 target_PsaAgArbn_Per1_MtrVelC	CRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwF	Pos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_H	lwDeg_ target_PsaAgArbn_Per1_RelHwF	PosnToSerlCom_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlConnection (Connection Fig. 1) and the property of the propert$	n_Cnt_ target_PsaAgArbn_Per1_RelHwF	PosnVldToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_	f32 target_PsaAgArbn_Per1_Sensorl	lessAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDe	g_f32 target_PsaAgArbn_Per1_Sensorl	lessHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_	f32 target_PsaAgArbn_Per1_Torque	CmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_le	gc target_PsaAgArbn_Per1_Vehicle	SpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_Vehicle	Speed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsE	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	<u> </u>
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	<u> </u>
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.495099992	0.495099992 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1316.78992	1316.78992 ± 0.00001	→
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
		•	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	V

0

0

Test Step 2.18 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$

PsaAgArbn_Per1



Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none* *none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k CmnSysTrqRatio HwNmpMtrNm f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg_132	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	*none* 90
target_rsaAgArbn_rer1_AlignedCultiliveCritititeOsStatus_Crit_ubo.value	-2122.91626
target_PsaAgArbn_Per1_AlignedRelHWPos_HWDeg_t32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	-2122.91626 72
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_lgc.value	0
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-563.900574
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	12.5941
target PsaAgArbn Per1 HwTorque HwNm f32.value	-1.75829995
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	133.111496
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1953.56848
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1039.45618
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.94850016
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	64.9138031
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2168084999
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32





target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	Name	Input Value		
Ingreg. Fize. Incl. Ap. Palackythin Pala	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosSt	tatus_Cnt_u08	
Imager, Rel. Intel. Ap. PankagAhm PankagAhm PankagAhm Pent Escofferiors Cort. Ligo	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
singer, Fib. Inst. Ap. Panka/shrh Panka/shr	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
Image Part And Part Pa	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	jc	
Imput Ro Inst, Ap Pasalghrinn Pasa	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
Image Test Inst. Ap PasalgArthn PasalgArth Pert HandsheelPosition HuDog 12 Image Res Inst. Ap PasalgArthn PasalgArthn Pert MinVaCCE Min	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
Isage Re. Inst. Ap. PasAgArton PasAgArton PasAgArton Past Mitwel Res.	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
Integer Ric Intel A, D. PasabyAhrn PasabyAhrn Part RetHe/PosnToSer(Com Holber, 1)	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
Sarget, Ris. Inst. Ap. PsaAgAnton PsaAgAnton PsaA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
Isrget Ris_ mst_Ap_ PasAgArtnn PasAgArtnn PasI SensoriessAuthority_Uis_122	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
larget, Rie_Inst, Ap_PeaAgArthn Pert_TorqueCmdCRF_Mithm_f22	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
larget, Rie_Inst, Ap. PsaAgArthn PsaAgArthn Pert_VehicleSpeed Kind_Cnt_lgo: target_Rie_Inst_Ap. PsaAgArthn Pert_VehicleSpeed Kind_Tsaturet_Rie_Inst_Ap. PsaAgArthn Pert_VehicleSpeed Kind_Tsaturet_R	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	HwDeg_f32	
larget, Rie_Inst_Ap_PasAgArth PresAgArth.mpert_VehicleSpeed_Kph_f32 target_PasAgArth.pert_VehicleSpeed_Kph_f32 target_Pies_PasAgArth.mImdOffsData targe	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	ltrNm_f32	
Name	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
Name Actual Value Expected Value Result PaaAgAn, AbstiffWPoanLvIZ_Crtt_M_lgc 0 0 0 PaaAgAn, AgArthrOffsFIDed_Crt_M_lgc 0 0 0 PaaAgAn, ComputedOffs_Uls_M_str_MaxOffset 0 0 0 PaaAgAn, ComputedOffs_Uls_M_str_MinOffset 0 0 0 PaaAgAn, ComputedOffs_Uls_M_str_MinOffset 0 0 0 PaaAgAn, ComputedOffs_Uls_M_str_MinSrc 0 0 0 PaaAgAn, EscOffsSt_Crt_M_lerum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn, EscOffsSt_Crt_M_lerum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn, MrVelLFF_Uls_M_str.SV_Uls_f32 0 0 0 PsaAgAn, EscOffsSt_Crt_M_lerum PSAAGAN_DEFECT PSAAGAN_MINTRUTE, PLUS_M_str.SV_Uls_f32 0 0 0 PsaAgAn, MrVelLFF_Uls_M_str.SV_Uls_f32 0 0 0 ✓ PsaAgAn, PrevSnaMod, Crt_M_neum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn, Releti-WPosnVolToSer(Com_HVlog_M_str_Str_Aus_Str_Crt_Desagan_strint_Crt_M_ligc 0 0 ✓ PsaAgAn	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
PeaAgAn_AghtnnOffsFill.cnt_M_lgc	target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
PeaAgAn_AghtnnOffsFill.cnt_M_lgc	Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	PsaAqAn AbsltHwPosnLvl2 Cnt M lgc	0	-	~
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc		0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0				_
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0		0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc				-
PsaAgAn_ComputedOffs_Uis_M_str.MinSrc				~
PSAAGAN_ESCOFfcSL_Cnt_M_leg	· - ·			_
PsaAgAn_EscProc_Cnt_M_igc				
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32		_	_	_
PsaAgAn_MitrVelLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PriorTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_LMeg_M_f32 0 0 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MinOffsgt 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 <				~
PsaAgAn PinionTrqLPF Uis M str.SV Uis 32 0 0 0 PsaAgAn PereVsnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PSAAGAN_MODFAIL PSAAGAN_RelHwPosnToSerfCom_HwDeg_M_f32 0 0 0 0 PsaAgAn_RelHwPosnVidToSerfCom_Cnt_M_ige 0 0 0 0 0 PsaAgAn_ResetEsc_Cnt_M_ige 0 0 0 0 0 PsaAgAn_Stint_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PSAAGAN_Stint_Cnt_M_ige 1 1 1 0 PsaAgAn_UsedOffs_Uis_M_str.MaxOffset 0 0 0 0 0 PsaAgAn_UsedOffs_Uis_M_str.MaxSrc 0 0 0 0 0 PsaAgAn_UsedOffs_Uis_M_str.MinSrc 0 0 0 0 0 PsaAgAn_UsedOffs_Uis_M_str.MinSrc 0 0 0 0 0 PsaAgAn_UsedOffs_Uis_M_str.MinSrc 0 0 0 0 0 PsaAgAn_UsedOffs_Data.MaxOffset 1630 1630 1630 0 PsaAgAn_UsedOffs_Data.MinSrc 0 0 0 0 PsaAgAn_UsedOffs_Data.MinSrc 0 0 0 0 PsaAgAn_UsedOffs_Data.MinCoffsData.MinSrc 0 0 0 0 PsaAgAn_UsedOffs_Data.MinSrc 0 0 0 PsaAgAn_UsedOffs_Data.MinSrc 0 0 0 0 PsaAgAn_Use				
PsaAgAn_PrevSnsMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 Varget_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 0 0 0 0 target_PsaAgArbn_Perl_AbsithwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Perl_AbsithwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Perl_AbsithwPosnPrecision_HwDeg_f32.value 0				~
PsaAgAn RelHwPosn/IdToSerlCom_Cnt_M_Igc 0 0 PsaAgAn RelHwPosn/IdToSerlCom_Cnt_M_Igc 0 0 PsaAgAn_SnsrMod_Cnt_M_Igc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str_MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgArbuLmdOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 target_Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 target_Pim_PsaAgArbnLmdOffsData.MinOffset 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_Igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_Igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_Igc.value <td></td> <td></td> <td></td> <td>-</td>				-
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Sthit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 4arget_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 4arget_Pim_PsaAgArbnLmdOffsData.MaxSrc 0 0 4arget_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 4arget_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 4arget_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 4arget_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.va		_		~
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PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbstltHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbstltHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbstltHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbstltHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbstltHwPosnLwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbstltHwPosnLwDeg_f32.value 0 0 target_PsaAgArbn_Per1_Han		0	0	~
PsaAgAn_Stlnit_Cnt_M_lgc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvi1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvi2_Cnt_lgc.value 0 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosn_FitoSerlCom_Cnt_enum.value 7 7 0 ✓ target_PsaAgArbn_Per1_HandwheelA	·	PSAAGAN MODFAIL	PSAAGAN MODFAIL	_
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv11_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value 0 0 ±1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLwDeg_f32.value 0 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1		_		~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvi1_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value				_
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 ✓ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 ✓ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓				~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 ✓ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 ✓ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓	v			_
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05		0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	·	1630		_
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	·			~
target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 v target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 v target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 v target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 v target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 v target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 v target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 v target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 v target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 v target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 v	0 = = 0			~
target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05		0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_igc.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_igc.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 0 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 <td< td=""><td></td><td></td><td></td><td>~</td></td<>				~
target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05		0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 ✓ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓				~
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 ✓ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓				~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 ✓ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓				V
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1039.45618 1039.45618 ± 0.00001 vtarget_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 vtarget_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	· - ·			-
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	· - · · · · - · - · - · · - · · - ·			-
				~
				-

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓



Test Step 2.19 (Repeat Count = 1)	√
Name	Input Value
PsaAgAn AbsitHwPosnLvl2 Cnt M lgc	*none*
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	*none*
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32 PsaAgAn MtrVeILPF UIs M str.SV UIs f32	*none* *none*
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none* *none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvI1 HwDeg f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5 0.0099999978
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k PsaAgAn VehCondMaxVehSpd Kph f32	3
k PsaAgAn VehCondMinTi mS u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnI.rndOffsData.MinOffset	*none* *none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc target Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	1489.3114
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	154
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1589.34546
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.0000992
	1.25999999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1350
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	317.577606
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	317.577606 1
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	317.577606 1 1342.19043
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	317.577606 1 1342.19043 -3.4920001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	317.577606 1 1342.19043
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	317.577606 1 1342.19043 -3.4920001 1 280.248901





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	:nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	leg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM	ItrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0$	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.Psa$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	jc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCe	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwt	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	<u>.</u> f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	· - ·		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	V
PsaAgAn_MtrVeil_PF_Uis_M_str.SV_Uis_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset			~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0		
Dog A w A w Lloyd Offe Lille M. otr Moy Cro	0	0	
PsaAgAn_UsedOffs_Uis_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 0 1630	0 0 1630	> > > >
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	0 0 1630 -1630	0 0 1630 -1630	\rightarrow \right
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0 0 1630 -1630 0	0 0 1630 -1630	\rightarrow \right
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	0 0 1630 -1630 0	0 0 1630 -1630 0	> > > > > > > > > > > > > > > > > > >
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value	0 0 1630 -1630 0 0	0 0 1630 -1630 0 0	> > > > > > > > > > > > > > > > > > >
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc.value	0 0 1630 -1630 0 0	0 0 1630 -1630 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0 0 1630 -1630 0 0 0	0 0 1630 -1630 0 0 0 0 0 0±1e-05	*****
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value	0 0 1630 -1630 0 0 0 0	0 0 1630 -1630 0 0 0 0 0 0±1e-05	************
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value	0 0 1630 -1630 0 0 0 0 0	0 0 1630 -1630 0 0 0 0 0 0±1e-05 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLv1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnLv1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0 0 1630 -1630 0 0 0 0 0 0 0	0 0 1630 -1630 0 0 0 0 0 0 ± 1e-05 0 7	***************************************
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLv1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnLv1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0 0 1630 -1630 0 0 0 0 0 0 0 0	0 0 1630 -1630 0 0 0 0 0 0±1e-05 0 7 1±1e-05	*********
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc.value target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_Igc.value target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	0 0 1630 -1630 0 0 0 0 0 0 0 0 0 7 1 1342.19043	0 0 1630 -1630 0 0 0 0 0 0 0 ± 1e-05 0 7 1 ± 1e-05 1342.19043 ± 0.00001	***************************************
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerICom_Cnt_enum.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0 0 1630 -1630 0 0 0 0 0 0 0 0	0 0 1630 -1630 0 0 0 0 0 0±1e-05 0 7 1±1e-05	*********



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.20 (Repeat Count = 1)	Innut Value
Name	Input Value
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CCmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
c_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
:_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
r_PsaAgAn_EpsPrec_HwDeg_f32	1
c_PsaAgAn_MinPrecFail_HwDeg_f32	2
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
z_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
z_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
z_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
	32





get_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 6 get_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 get_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0 get_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 get_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 10 get_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 3.3 get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.3 get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 13			
get_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 get_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0 get_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 get_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 10 get_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 3.0 get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.0 get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 13 get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 13 get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -10	066.24365		
get_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0 get_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 get_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 10 get_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 3.i get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.i get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 13 get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -1i	066.24365		
get_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 get_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 10 get_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 3.i get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.i get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 13 get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -1i	066.24365		
get_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 10 get_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 3.i get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.i get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 13 get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -1i	066.24365		
get_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 3.i get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.i get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 13 get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -1i			
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.3 get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 13 get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -1			
get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -1	.34600019		
	350		
get PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1086.03113		
342 4 3 4 2 4 24 4 4 4 4 4 4 4 4 4 4 4 4			
5 _ 5 5	021.47607		
	.5710001		
get_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 8.8	.83749962		
get Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse 82			
	arget PsaAgArbn Per1 AbsltHwPosnLvl1 C	ent lac	
	arget_PsaAgArbn_Per1_AbsltHwPosnLvl2_C		
	arget_PsaAgArbn_Per1_AbsltHwPosnPrecisi		
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc tai	arget_PsaAgArbn_Per1_AbsltHwPosnVld_Cr	nt_lgc	
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 tal	arget_PsaAgArbn_Per1_AbsltHwPosn_HwDe	eg_f32	
	arget_PsaAgArbn_Per1_AgArbnStToSerlCon		
	arget_PsaAgArbn_Per1_AlignedCumMechMi		
	arget_PsaAgArbn_Per1_AlignedRelHwPos_F		
get Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0 tal get Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc tal	arget_PsaAgArbn_Per1_EurniwechwitPosSt arget_PsaAgArbn_Per1_EscAckFromSerlCoi		
get Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I tal			
5 = = = 1 = 5	arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lge		
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f tai			
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE tai	arget_PsaAgArbn_Per1_EscPrecisionFromS	erlCom_HwDeg_f32	
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 tal	arget_PsaAgArbn_Per1_HandwheelAuthority	_Uls_f32	
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 tal			
	arget_PsaAgArbn_Per1_HwTorque_HwNm_t		
	arget_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
	arget_PsaAgArbn_Per1_RelHwPos_HwDeg_ arget_PsaAgArbn_Per1_RelHwPosnToSerlC		
	arget PsaAgArbn Per1 RelHwPosnVldToSe		
	arget_PsaAgArbn_Per1_SensorlessAuthority		
	arget_PsaAgArbn_Per1_SensorlessHwPos_l		
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 tai	arget_PsaAgArbn_Per1_TorqueCmdCRF_Mt	trNm_f32	
get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc tal	arget_PsaAgArbn_Per1_VehicleSpeedValid_	Cnt_lgc	
	arget_PsaAgArbn_Per1_VehicleSpeed_Kph_	<u>f</u> 32	
	arget_Pim_PsaAgArbnLrndOffsData		
		Expected Value	Result
aAgAn_AbsitHwPosnLvI2_Cnt_M_Igc 0 aAgAn_AgArbnOffsFltDetd_Cnt_M_Igc 0		0	
aAgAn AgArbnOffsFit Cnt M lgc 0		0	J
aAgAn ComputedOffs Uls M str.MaxOffset 0		0	•
aAgAn_ComputedOffs_Uls_M_str.MinOffset 0		0	
aAgAn_ComputedOffs_Uls_M_str.MaxSrc 0		0	•
aAgAn_ComputedOffs_Uls_M_str.MinSrc 0		0	•
aAgAn_EscOffsSt_Cnt_M_enum PS	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
aAgAn_EscProc_Cnt_M_lgc 0		0	~
aAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32		0	•
aAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32		0	✓
aAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0		0 PSAAGAN MODFAIL	Ž
aAgAn_PrevSnsrMod_Cnt_M_enum PS aAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0	_	0	-
aAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0		0	
aAgAn_ResetEsc_Cnt_M_lgc 0		0	✓
	SAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
aAgAn_StInit_Cnt_M_lgc 1		1	~
aAgAn_UsedOffs_Uls_M_str.MaxOffset 0		0	~
aAgAn_UsedOffs_Uls_M_str.MinOffset 0		0	•
aAgAn_UsedOffs_Uls_M_str.MaxSrc 0		0	•
aAgAn_UsedOffs_Uls_M_str.MinSrc 0		0	· ·
		1630 -1630	· ·
get_Pim_PsaAgArbnLrndOffsData.MinOffset -1 get_Pim_PsaAgArbnLrndOffsData.MaxSrc 0		-1630 0	Ž
get_Pim_PsaAgArbnLmdOffsData.MinSrc 0 get_Pim_PsaAgArbnLrndOffsData.MinSrc 0		0	-
		0	-
get_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0			
3.2 2 3		0	•

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Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1021.47607	1021.47607 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
saAgAn_SnsrMod_Cnt_M_enum	*none*
saAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
saAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
saAgAn UsedOffs Uls M str.MaxSrc	*none*
SaAgAn UsedOffs Uls M str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
tte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrgRatio HwNmpMtrNm f32	18.9200001
PsaAgAn AbsHwPosLvl1 HwDeg f32	20
_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
PsaAgAn EpsPrec HwDeg f32	1
PsaAgAn MinPrecFail HwDeg f32	2
_rsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
PsaAgAn OffsDataInitMaxSrc Cnt u08	0
_rsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	-1
PsaAgAn VehCondMaxHwTrq HwNm f32	0.5
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
	0.69999988
PsaAgAn VehCondMaxVehSpd Kph f32	3
PsaAgAn VehCondMinTi mS u32	200
PsaAgAn AbsItHwAuthyY Uls u1p15[0]	32768
_rsaAgAn_AbsitHwAuthyY_Uis_u1p15[0] _PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768
_rsaAgAn_AbsitHwAuthyY_Uis_u1p15[2]	0
_rsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0
PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none* *none*		
target Pim PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	62		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7889.92773		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	200		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1518.92236		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.4630003 5.37599993		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	187.142395		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2497.7439		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	21.0916996		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.85469997		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	307.290405		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	1707087349 target PsaAgArbn Per1 AbsltHwPosnLvI1 (Cat las	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsithwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_(
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechM	1trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscDataVldFromSetarget_PsaAgArbn_Per1_EscOffsEna_Cnt_lo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnToSerlC target PsaAgArbn Per1 RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target PsaAqArbn Per1 SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	- 0-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn ComputedOffs Uls M str.MaxOffset	0	0	*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	V
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	DEAACAN MODEAU	DEAACAN MODEAU	*
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	PSAAGAN_MODFAIL 0	PSAAGAN_MODFAIL 0	· ·
PsaAgAn_ReiHwPosnVidToSeriCom_HwDeg_M_T32 PsaAgAn_ReiHwPosnVidToSeriCom_Cnt_M_lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	

 $target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value$

target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value

target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

2018-03-03, 17:42:20+0530



1 + 1e-05

0 ± 1e-05

0

21.0916996 ± 0.00001

Actual Value **Expected Value** PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 1630 1630 -1630 -1630 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 0 ± 1e-05 $target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value$ 0 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 $target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value$ n n target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7

21.0916996

n

0

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 2.22 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978

2018-03-03, 17:42:20+0530



PsaAgAn_AbstIthWPosnLvI2_Cnt_M_lgc 0 0 PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 0 0 PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0				
Readynt / Nethodoxin 19-22 20 20 20 20 20 20 20	Name	Input Value		
Pasagher, Note-Industry Use (1910)	k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
Favalgon, Antahonkury, Us., 11910				
Chaskips Astellis Activity Ober 1975 Chaskips Astelli	_ , _ , _ , _ , _ , _ , _ , _ , _ , _ ,			
Chandright Abstraction (Chandright (1960)				
Paskgark_Assistanceshmod_Horizon_Unitority Paskgark_Assistance				
		10		
Took	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
Image Phis Paskgring from Indicates Indicate	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
Tranger, Perspektions motification Monisors targer, Perspektions motification Monisors targer, Perspektion Pert J. Appresident Monisors targer, Perspektion Pert J. Appresident Monisors targer, Perspektion Pert J. Appresident Monisors targer, Perspektion Pert J. Christochem Perspektion, Pert J. Appresident Monisors targer, Perspektion Pert J. Christochem Perspektion, Coll Ligio value targer, Perspektion Pert J. Excellation Coll Ligio value targer, Perspektion Pert J. Monisor, J. Monisor, S. Value targer, Perspektion Pert J. Monisor, J. Monisor, S. Value targer, Perspektion Pert J. Monisor, J. Monisor, S. Value targer, Perspektion Pert J. Monisor, J. Monisor, S. Value targer, Perspektion Pert J. Monisor, J. Monisor, S. Value targer, Perspektion Pert J. Monisor, J. Monisor, S. Value targer, Perspektion Pert J. Monisor, J. Monisor, S. Value targer, Perspektion Pert J. Monisor, J. Walley targer, Perspektion Pert J. Monisor, J. Walley targer, Perspektion Pert J. Monisor, Monisor, J. Walley targer, Perspektion Pert J. Monisor, Monisor, J. Walley targer, Perspektion, Pert J. Walley Service, J. Walley targer, Perspektion, Perspektion, J. Walley targer, Perspektion, Perspektion, J. Walley targer, Perspektion, Perspektion, J. Walley targer, Perspektion, J. Walley	· ·			
Size Pine PandyAnth Pine Appendix Pi	· ·			
Bergit Principal/Principal Principal/Principal Principal/Princ				
2002.03274	· ·			
Large, PaagAyth Pert, ExchafformSchlau, Crit, John value 0 Large, PaagAyth Pert, ExchafformSchrom, Crit, Joy value 0 Large, PaagAyth Pert, ExchafformSchrom, Fronce, IT, Joy value 0 Large, PaagAyth Pert, Exchiffers, Crit, Joy value 0 Large, PaagAyth, Pert, Exchiffers, Crit, Joy value 50 Large, PaagAyth, Pert, Exchiffers, Crit, Joy value 450 Large, PaagAyth, Pert, MinviGGE, Haldeds, JD, value 464339383 Large, PaagAyth, Pert, MinviGGE, Markeds, JD, value 464339383 Large, PaagAyth, Pert, Senorises Alveron, JL, GL, Value 46939393 Large, PaagAyth, Pert, Senorises Alveron, JL, GL, Value 49980001 Large, PaagAyth, Pert, Senorises Alveron, JL, GL, Value 49980001 Large, PaagAyth, Pert, Value-Sepeck, JL, GL, JD, Walter 18272599 Large, Rie, Inet, Ap. PaagAyth, SystemTime, DirmiclipaedTime, JS, JJZ, Ejapes 18272599 Large, Rie, Inet, Ap. PaagAyth, Pert, Asti-Valvenorius, Crit, Jp. 18272599 Large, Rie, Inet, Ap. PaagAyth, Pert, Asti-Valvenorius, Crit, Jp. 18272599 Large, Rie, Inet, Ap. PaagAyth, Pert, Asti-Valvenorius, Crit, Jp. 18272699 Large, Rie, Inet, Ap. PaagAyth, Pert, Asti-Valvenorius, Crit, Jp. 18272699 Large, Ri				
Image_PapaAgkto_Pert_Eschafts/Femiliant Com_Cnit_go-value				
		0		
tanger PanagAnn Pert Lischterionsfortrom-tholog, 122 value tanger PanagAnn Pert Lischterionsfortrom-tholog, 122 value tanger PanagAnn Pert Jerkherionsfortrom-tholog, 122 value tanger PanagAnn Pert Jerkherionsfortrom-tholog, 122 value tanger PanagAnn Pert Jerkherionsfortrom-tholog, 122 value tanger PanagAnn Pert Sonnofross-tholog, 122 value tanger PanagAnn Pert Jerkherionsfortrom-tholog, 122 value tanger, P	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
Integrit PanagAnth Pert Mercine John Stave 2 20,000.001	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
Sept PankgAnth Pert MeVirorQue MeMing Sept S				
larget PieadyAnt Pert Mirksdorf Mirksdorf St. 2 value				
Image PanagAnth Pert Restlement Pert Pe				
Larget PasaAgArth Pert Senorises Authority Use 22 value 0.08899978				
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0 - 1				V
FRANÇAN FIEVONRIMOU CITE WE CHUITI FRANÇAN MODEAIL FRANÇAN MODEAIL FRANÇAN MODEAIL	PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL	PSAAGAN MODFAIL	-

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Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0988999978	0.0988999978 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-92.9860001	-92.9860001 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTi	me) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
C_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k PsaAgAn EpsPrec HwDeg f32	1

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Name	Input Value		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k PsaAgAn VehCondMaxPinTrq HwNm f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1]	32768		
	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]			
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	209		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4016.43213		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	35		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	547.515808		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	22.4209003		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.62390041		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1153.08447		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1407.87366		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.446999997		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1392.37769		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.45860004		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	249.289505		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	— -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVId_C	_ 0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum			
	target_PsaAgArbn_Per1_AgArbnStToSerlCo target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	1trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	rtosuit
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_UIs_M_str_MinOffset	0	0	

 $PsaAgAn_ComputedOffs_Uls_M_str.MinOffset$

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

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Actual Value Expected Value PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 ${\sf PsaAgAn_ComputedOffs_Uls_M_str.MinSrc}$ PSAAGAN_DEFECT PSAAGAN DEFECT PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PSAAGAN_MODFAIL PSAAGAN_MODFAIL ${\sf PsaAgAn_PrevSnsrMod_Cnt_M_enum}$ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc n n PsaAgAn_ResetEsc_Cnt_M_lgc PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN MODFAIL V PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset n n **V** PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 $PsaAgAn_UsedOffs_Uls_M_str.MinSrc$ 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$ 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 $target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value$ 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 $target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value$ 0.446999997 0.446999997 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1392.37769 1392.37769 ± 0.00001 $target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value$ 0 0 ± 1e-05

Test Step Call Trace	Fest Step Call Trace			✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

0

0

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_Stlnit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*





Nome	Innuit Value
Name PeaAgAn LleadOffe Lile M etr MaySre	Input Value *none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k CmnSysTrgRatio HwNmpMtrNm f32	18.9200001
k PsaAgAn AbsHwPosLvI1 HwDeg f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_Absittwiresinrecx_twbeg_u16p0[2]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target Pim PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target Pim PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	121
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-529.32782
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	161
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1272.27747
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.96869993
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.86240005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	723.050781
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3200
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.81309998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1091.41772
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.62939978
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	497.340515
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLv11 Cnt_lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsithwPosnPrecision HwDeg	target PsaAgArbn Perl AbsithwPosnPrecision HwDeq f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsithwPosnVid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32$	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc

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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_Vehicles	Speed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsD	ata	
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0	0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	, , ,
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	· · · · · · · · · · · · · · · · · · ·
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.81309998	0.81309998 ± 1e-05	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1091.41772	-1091.41772 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*

PsaAgArbn_Per1





Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs Uls M_str.MaxOffset	*none* *none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target Rte Inst Ap PsaAgArbn
C_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
C_Dimioy311q1atto_1MMInpMintMin_192 C_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
:_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
C PsaAgAn EpsPrec HwDeg f32	1
C_PsaAgAn_MinPrecFail_HwDeg_f32	2
c_neargnt_minition_di_mbog_ee_ c_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
z_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
PsaAqAn OffsDataInitMinOffs HwDeg f32	-1630
: PsaAgAn OffsDataInitMinSrc Cnt u08	0
S PsaAgAn OffsetPolarity HwDeg f32	-1
:_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
S PsaAqAn VehCondMaxMtrVel MtrRadpS f32	0.00999999978
S PsaAgAn VehCondMaxPinTrq HwNm f32	0.699999988
<pre>c_rsaAgAn_VehCondMaxVehSpd_Kph_f32</pre>	3
c_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[0]	32768
	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
arget PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	9
arget PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	5259.35303
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	153
arget PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	914.59082
arget PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	11.1745005
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.48339987
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-665.035889
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3200
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	243.018494
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.05599976
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	342.906311
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	229338925
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
	target readydibit rett Eschcki folliselicotti Citt luc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0iarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igcarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Igcarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igcarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_learget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Ii arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_learget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	243.018494	243.018494 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*

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PsaAgArbn_Per1 Input Value PsaAgAn_EscOffsSt_Cnt_M_enum *none* PsaAgAn_EscProc_Cnt_M_lgc *none PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 *none* $PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32$ *none* PsaAgAn_PrevSnsrMod_Cnt_M_enum *none* PsaAgAn RelHwPosnToSerlCom HwDeg M f32 *none* PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc *none* PsaAgAn ResetEsc Cnt M Igc *none* PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn StInit Cnt M Igc *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MaxSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* $Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$ $target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime$ Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn $k_CmnSysTrqRatio_HwNmpMtrNm_f32$ 18.9200001 k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32 20 k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 2 k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k PsaAgAn OffsDataInitMinSrc Cnt u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k PsaAgAn VehCondMaxHwTrq HwNm f32 0.5 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 k PsaAgAn VehCondMaxPinTrq HwNm f32 0.699999988 k PsaAgAn VehCondMaxVehSpd Kph f32 3 200 k_PsaAgAn_VehCondMinTi_mS_u32 32768 t PsaAgAn AbsltHwAuthyY Uls u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 0 t PsaAgAn AbsltHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 10 t PsaAqAn AbsltHwPosnPrecX HwDeg u16p0[2] 25 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target Pim PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value -6432 10742 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 201 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 $target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value$ 0 target PsaAgArbn Per1 EscOffsEna Cnt lgc.value 0 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 1225.54346 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 22.6343994 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value -3.68210006 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 36.4248009 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 1601.62805 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value -814.252502 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.30149984 target PsaAgArbn Per1 VehicleSpeedValid Cnt lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 285.052704 target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse 2487079490 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt lgc

target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32

target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc

target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_

target_Rte_Inst_Ap_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_Rte_Inst_Ap_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08

target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc

target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	· - ·	,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl0	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	-	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
	0	0	-
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset		0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	PSAAGAN DEFECT	PSAAGAN DEFECT	~
PsaAgAn_EscOffsSt_Cnt_M_enum	0	0	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	-
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn RelHwPosnVldToSerlCom Cnt M Igc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	_
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	_
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target PsaAgArbn Per1 AbsltHwPosnLvI1 Cnt Igc.value	0	0	~
target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value	0	0	-
target PsaAqArbn Per1 AqArbnStToSerlCom Cnt enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value	1	1 ± 1e-05	-
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-814.252502	-814.252502 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓



Test Step 2.27 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none* *none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none* *none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	-1630 0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k PsaAgAn VehCondMaxHwTrq HwNm f32	0.5
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	0 10
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	235
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9898.1582
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	156
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	0 1559.94556
target_PsaAgArbn_Per1_EscOnsFromSerlCom_HwDeg_f32.value	13.1477003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.90939999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	723.878418
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	0
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1321.88525
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.98740005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	326.082092
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1001004409





Nama	Input Value		
Name target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	Input Value target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 Absittiwr ositevin_citigge	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnVid Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnVld (
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosn HwDeg f32	target PsaAgArbn Per1 AbsltHwPosn HwD	_ - •	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum		-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_P$	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_transfer (App. App. App. App. App. App. App. App$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	*	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData	1_102	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	Kesuit
PsaAgAn AgArbnOffsFitDetd Cnt M Igc	0	0	
PsaAgAn AgArbnOffsFit Cnt M lgc	0	0	-
PsaAgAn ComputedOffs Uls M str.MaxOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	~
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	V
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	V
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	
target PsaAgArbn Per1 AbsitHwPosnLvi1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target PsaAgArbn Per1 AbsithwPosnVld Cnt Igc.value	0	0 ± 16-05	~
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	0	0	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	· •
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	1321.88525	1321.88525 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~



Test Step Call Trace ✓					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	~	
RecommendedState	1	RecommendedState	1	~	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~	
SwitchOffs	1	SwitchOffs	1	~	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Input Value
none
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
target_Rte_Inst_Ap_PsaAgArbn
18.9200001
20
8
2
1630
0
-1630
0
-1
0.5
0.00999999978
0.69999988
3
200
32768
32768
0
0
0
10
25
1679
none
none
none
none *none* *none*

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	1		
Name	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1587.64832		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	234		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-187.853394		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.5533009		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.71309996		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-429.302002		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2772.74121		
target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value	0.692099988		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	221.184906 -0.134299994		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	56.5876999		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	4234359844		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_P$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	0 =	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCulliwleCrimitirosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechN target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0		· · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_learners	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerICo	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	,	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_ target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	target_Pim_PsaAgArbnLrndOffsData Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	Kesuit
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn AgArbnOffsFlt Cnt M lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	· ·
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeiLPF_UIs_M_str.SV_UIs_f32	0	0	J
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	• • • • • • • • • • • • • • • • • • •
PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	0	0	Ž
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	J
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.692099988	0.692099988 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	221.184906	221.184906 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

ame	Input Value
saAgAn AbsitHwPosnLvl2 Cnt M Igc	*none*
saAgAn AgArbnOffsFltDetd Cnt M Igc	*none*
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
saAgAn ComputedOffs Uls M str.MaxOffset	*none*
saAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
saAgAn ComputedOffs Uls M str.MaxSrc	*none*
saAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
saAgAn EscOffsSt Cnt M enum	*none*
saAgAn EscProc Cnt M Igc	*none*
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
saAgAn_nwTrqLPF_UIs_M_str.K_UIs_f32	*none*
	none
saAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	
saAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
saAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
saAgAn_PrevSnsrMod_Cnt_M_enum	*none*
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
saAgAn_ResetEsc_Cnt_M_lgc	*none*
saAgAn_SnsrMod_Cnt_M_enum	*none*
saAgAn_StInit_Cnt_M_lgc	*none*
saAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
saAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
saAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
saAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
re_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	
e_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
PsaAgAn_EpsPrec_HwDeg_f32	1
PsaAgAn_MinPrecFail_HwDeg_f32	2
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
PsaAgAn_VehCondMinTi_mS_u32	200
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0





Name	Input Value		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[1]	10		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[2]	25		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679		
target Pim PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target Pim PsaAgArbnLrndOffsData.MaxSrc	*none*		
target Pim PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	105		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8854.5625		
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	220		
target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0		
target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt Igc.value	1		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1378.7583		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.6253996		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.61420012		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-541.364929		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	925.992493		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	204.0849		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.73500001		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	376.289703		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2704249132		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	tnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	leg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechM	ltrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt	target_PsaAgArbn_Per1_RelHwPosnToSerlC target_PsaAgArbn_Per1_RelHwPosnVldToS		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target PsaAgArbn Per1 SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	· · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_102	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	Kesuit
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	-
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	V
PsaAgAn ComputedOffs Uls M str.MinOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	204.0849	204.0849 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
ESCOffsMngr	1	ESCOffsMngr	1	•		
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•		
SnsrMon	1	SnsrMon	1	•		
SnsrSupv	1	SnsrSupv	1	•		
RecommendedState	1	RecommendedState	1	~		
VehCondChk	1	VehCondChk	1	•		
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•		
SwitchOffs	1	SwitchOffs	1	✓		
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•		
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•		

Test Step 2.30 (Repeat Count = 1) ✓		
Name	Input Value	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*	
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*	
PsaAgAn_SnsrMod_Cnt_M_enum	*none*	
PsaAgAn_StInit_Cnt_M_lgc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*	
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978	

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Name	Input Value		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	184 6835.271		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	230		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-647.032898		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.1679001		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.66750002		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-463.17569		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2629.20044		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1210.17529		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.9211998		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	83.5274963		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse$	1773012736		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_u	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0; target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target PsaAgArbn Per1 EscAckFromSerlCo		
target_Rte_linst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscAckFloinSeriColin_Citt_igc target_Rte_linst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_li	· - ·		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target PsaAgArbn Per1 EscOffsEna Cnt Ig		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
torget Dto Inst An DooAgArbs Dim DooAgArbs and Off-Date	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name	target_PsaAgArbn_Per1_VehicleSpeed_Kph		Resul
	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData	<u>f</u> 32	Resul
Name PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0	Expected Value 0 0	•
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0	Expected Value 0 0 0	•
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0	Expected Value 0 0 0 0	
Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 0	Expected Value 0 0 0 0 0	•
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 0 0	Expected Value 0 0 0 0 0 0 0	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 0 0 0	Expected Value 0 0 0 0 0 0 0 0 0	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 0 0 0 PSAAGAN_DEFECT	Expected Value 0 0 0 0 0 0 PSAAGAN_DEFECT	Resul
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 0 0 0 PSAAGAN_DEFECT 0	Expected Value 0 0 0 0 0 0 PSAAGAN_DEFECT 0	•
Name PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 0 0 0 PSAAGAN_DEFECT 0 0	Expected Value 0 0 0 0 0 0 PSAAGAN_DEFECT 0	
Name PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 0 0 0 PSAAGAN_DEFECT 0 0	Expected Value 0 0 0 0 0 0 0 PSAAGAN_DEFECT 0 0	
Name PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 0 0 0 0 PSAAGAN_DEFECT 0 0	Expected Value 0 0 0 0 0 0 PSAAGAN_DEFECT 0	•

target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

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Actual Value Expected Value PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_StInit_Cnt_M_lgc 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc n 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 1630 1630 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ -1630 -1630 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 n ソソソソソソ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value n n target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 ± 1e-05 0 $target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value$ 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 $target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value$ 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 ± 1e-05 $target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value$ 1210.17529 1210.17529 ± 0.00001

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

0

0

0 ± 1e-05

0

Name	Input Value
	•
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTin	ne) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
R PsaAgAn EpsPrec HwDeg f32	1





Name	Input Value		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[3]	0		
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target Pim PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinlOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MiaXSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	149		
target_PsaAgArbn_Per1_AlignedCumMecniMtrPosStatus_Cnt_uu8.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4709.43604		
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	219		
	0		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-349.853485		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.3885994		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.05020046		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	582.69281		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	680.151001		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.658100009		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1600		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.52050018		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	338.782898		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	ose 1559946046		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPreci	_ 0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechM	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	_HwDegf32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0$	target_PsaAgArbn_Per1_CumMechMtrPosS	status_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc$	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerIC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Posult
		Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	- 4
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.658100009	0.658100009 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1600	-1600 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.32 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*





Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_inst_Ap_PsaAgArbn
CmnSysTrqRatio HwNmpMtrNm f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k PsaAgAn VehCondMaxHwTrq HwNm f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbn_Por4_AlignedCumMenhMtrPeeStatue_Cot_u08_value	*none* 20
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	-1066.87219
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	183
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-409.621887
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.8067999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.83690023 187.466003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1218.96619
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1600
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.2809
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	386.110291
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32 target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_FsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_i target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_FsaAgArbn.FsaAgArbn_Per1_rbriqueCritoCRF_withNii_i32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target PsaAgArbn Per1 VehicleSpeedValid Cnt Igc
0	, 0 _ 0

PsaAgArbn_Per1



Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed	_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1600	1600 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	-
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntolVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.33 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*	
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*	
PsaAgAn_EscProc_Cnt_M_lgc	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*	





Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none* *none*
PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn SnsrMod Cnt M enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn UsedOffs Uls M str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1630 0
k PsaAqAn OffsDataInitMinOffs HwDeq f32	-1630
k PsaAqAn OffsDataInitMinSrc Cnt u08	0
k PsaAgAn OffsetPolarity HwDeg f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10 25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	8
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	830.305908
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	34
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1146.81104
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.43670011 4.01520014
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	404.94751
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	3007.34937
target PsaAqArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	864.452698
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.93700004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	460.846985
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse$	1847922211
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedReiHwPos_HwDeg_132 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0;	
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	
	target Psaagardri Peri Escoliseria Ont igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_F	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32



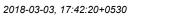


Input Value		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Pim_PsaAgArbnLrndOffsData		
Actual Value	Expected Value	Result
0	0	~
0	0	~
0	0	~
0	0	~
0	0	~
0	0	✓
0	0	~
PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
0	0	~
0	0	~
0	0	~
0	0	~
PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
0	0	~
0	0	~
0	0	~
PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
1	1	~
0	0	~
0	0	~
0	0	~
0	0	✓
1630	1630	~
-1630	-1630	✓
0	0	~
0	0	~
0	0	~
0	0	~
0	0 ± 1e-05	~
0	0	✓
0	0	•
7	7	~
1	1 ± 1e-05	~
864.452698	864.452698 ± 0.00001	~
0	0 ± 1e-05	~
0	0	~
	target_PsaAgArbn_Per1_MtrVelCRF_MtrRaitarget_PsaAgArbn_Per1_RelHwPos_HwDegtarget_PsaAgArbn_Per1_RelHwPosnToSerlitarget_PsaAgArbn_Per1_RelHwPosnVldToStarget_PsaAgArbn_Per1_SensorlessAuthoritarget_PsaAgArbn_Per1_SensorlessAuthoritarget_PsaAgArbn_Per1_SensorlessHwPostarget_PsaAgArbn_Per1_TorqueCmdCRF_Mtarget_PsaAgArbn_Per1_VehicleSpeedValidarget_PsaAgArbn_Per1_VehicleSpeed_Kpftarget_PsaAgArbn_Per1_VehicleSpeed_Kpftarget_Pim_PsaAgArbnLmdOffsDataActual Value 0 0 0 0 0 PSAAGAN_DEFECT 0 0 0 PSAAGAN_MODFAIL 1 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 7 1 864.452698 0	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosTrOSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosNIdToSerlCom_Cnt_lgc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_kipt_f32 target_PsaAgArbn_Per1_VehicleSpeed_kipt_f32 target_Pim_PsaAgArbn_IndOffsData **Actual Value** Comparison

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 2.34 (Repeat Count = 1)	🗸
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*

PsaAgArbn_Per1





Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	*none*
PsaAqAn RelHwPosnVldToSerlCom Cnt M lqc	*none*
PsaAgAn ResetEsc Cnt M Igc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn StInit Cnt M Igc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	
	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAqArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	tuan at
target Pim PsaAgArbnLrndOffsData.MaxSrc	*none*
0 0	*none*
target_Pim_PsaAgArbn_Ror1_AlignedCumMochMtrDecStatus_Cot_u08_value	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	198
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5396.42627
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	80
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	294.816986
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.5186996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.07989979
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-212.712494
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1770.59924
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.772300005
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	0
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.88040018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	322.480713
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_Absit\twPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsittwPosn HwDeg f32	target PsaAgArbn Per1 AbsitHwPosn HwDeg f32
target Nie inst Ap Fsanghibil.Fsanghibil Fell Absilinwfusii inwbeg 132	
•	target PsaAgArhn Per1 AgArhnStToSerlCom Cnt enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_le	gc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii	ty_Uls_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32	target_PsaAgArbn_Per1_HandwheelPosition	n HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn AgArbnOffsFlt Cnt M Igc	0	0	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	-
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	_
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	_
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	
PsaAgAn ResetEsc Cnt M Igc	0	0	~
PsaAgAn SnsrMod Cnt M enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_Igc	1	1	V
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	_
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	_
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target Pim PsaAqArbnLrndOffsData.MinOffset	-1630	-1630	•
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	-
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	V
target PsaAgArbn Per1 AbsltHwPosnLvI1 Cnt Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc.value	0	0	V
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target PsaAgArbn Per1 HandwheelAuthority Uls f32.value	0.772300005	0.772300005 ± 1e-05	
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	0	0 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~
0 _ 0			

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓



Test Step 2.35 (Repeat Count = 1)	🗸
Name	Input Value
PsaAgAn AbsitHwPosnLvi2 Cnt M lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_Igc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32 PsaAgAn MtrVeILPF UIs M str.SV UIs f32	*none* *none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none* *none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvl1 HwDeg f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0 -1
k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
k PsaAgAn VehCondMaxPinTrg HwNm f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0 0 0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	0 0 0 10
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	0 0 0 10 25
t_PsaAgAn_AbslthwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbslthwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[3]	0 0 0 10 25 1679
t_PsaAgAn_AbslthwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbslthwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 0 0 10 25 1679 *none*
t_PsaAgAn_AbsithwAuthyY_Uis_u1p15[2] t_PsaAgAn_AbsithwAuthyY_Uis_u1p15[3] t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3]	0 0 0 10 25 1679
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	0 0 0 10 25 1679 *none*
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0 0 0 10 25 1679 *none* *none*
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	0 0 0 10 25 1679 *none* *none* *none* *238 -6627.32324
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	0 0 0 10 25 1679 *none* *none* *none* 238 -6627.32324
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0 0 0 10 25 1679 *none* *none* *none* 238 -6627.32324 35
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0 0 0 10 25 1679 *none* *none* *none* *none* 10 25 11 1
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0 0 10 25 1679 *none* *none* *none* *none* 10 25 1679 10 10 10 10 10 10 10 10 10 10 10 10 10
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0 0 10 25 1679 *none* *none* *none* *none* 10 25 1679 10 10 10 10 10 10 10 10 10 10 10 10 10
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0 0 10 25 1679 *none* *none* *none* 10 25 1679 10 11 11 11 11 162.822693 2.48219991
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0 0 10 25 1679 *none* *none* *none* *none* 10 25 1679 10 10 10 10 10 10 10 10 10 10 10 10 10
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLmdOffsData.MaxOffset target_Pim_PsaAgArbnLmdOffsData.MinOffset target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEnserlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0 0 0 0 10 25 1679 *none* *none* *none* *none* *10 28
t_PsaAgAn_AbslthwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbslthwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbslthwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLmdOffsData.MaxOffset target_Pim_PsaAgArbnLmdOffsData.MinOffset target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEnserlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0 0 0 10 25 1679 *none* *none* *none* *none* *10 28 6627.32324 35 1 1 1 1 162.822693 2.48219991 6.00969982 658.648682
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLmdOffsData.MinOffset target_Pim_PsaAgArbnLmdOffsData.MinOffset target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEnserlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0 0 0 10 25 1679 *none* *none* *none* *none* 10 28 28 6627.32324 35 1 1 1 1 1 162.822693 2.48219991 6.00969982 658.648682 -2400.41919
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLmdOffsData.MaxOffset target_Pim_PsaAgArbnLmdOffsData.MinOffset target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0 0 0 10 25 1679 *none* *none* *none* *none* 238 -6627.32324 35 1 1 1 1 162.822693 2.4821991 6.00969982 -658.648682 -2400.41919 1 -986.245728 8.16779995
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessPeedValid_Cnt_lgc.value	0 0 0 10 25 1679 *none* *none* *none* 238 -6627.32324 35 1 1 1 1 1 1 1 162.822693 2.4821991 6.00969982 -658.648682 -2400.41919 1 -986.245728 8.16779995 0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0 0 0 10 25 1679 *none* *none* *none* 238 -6627.32324 35 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2	_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPred	sision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enur	target_PsaAgArbn_Per1_AgArbnStToSerlC	om_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMech	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos	_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_utarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_utarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_utarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_utarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_utarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_utarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_utarget_Rte_Inst_Ap_PsaAgArbn.Ps$	target_PsaAgArbn_Per1_CumMechMtrPos	Status_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc$	target_PsaAgArbn_Per1_EscAckFromSerIC	Com_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIdFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_RescDataVIDFromSerlCom_Cnt_Res$	target_PsaAgArbn_Per1_EscDataVldFromS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_	<u>lgc</u>	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Rte_Inst_Ap_Rte_InstAp_Rte_InstA$	target_PsaAgArbn_Per1_EscOffsFromSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwater Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwater Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwater Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwater Ap_PsaAgArbn.PsaAgArbn$	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSer	ICom_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	ity_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	•	
1 day (g) (1_Compated on 0_Olo_IVI_ott.) Maxoro	U	0	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	
· · · ·	-	-	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 PSAAGAN_DEFECT	0 PSAAGAN_DEFECT	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	0 PSAAGAN_DEFECT 0	0 PSAAGAN_DEFECT 0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 PSAAGAN_DEFECT 0 0	0 PSAAGAN_DEFECT 0 0	•
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0 PSAAGAN_DEFECT 0 0	0 PSAAGAN_DEFECT 0 0	•
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0 PSAAGAN_DEFECT 0 0 0	0 PSAAGAN_DEFECT 0 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0	> > > > > > > > > > > > > > > > > > >
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 PSAAGAN_MODFAIL	**************************************
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0	> > > > > > > > > > > > > > > > > > >
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 PSAAGAN_MODFAIL	**************************************
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 PSAAGAN_MODFAIL 1 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 PSAAGAN_MODFAIL 1 0 0	**************************************
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 0 PSAAGAN_MODFAIL 1 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 PSAAGAN_MODFAIL 1 0 0 0	**************************************
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0	**************************************
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 PSAAGAN_MODFAIL 1 0 0 1630	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 0 1630 -1630 0 0	**************************************
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLv11_Cnt_lgc.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0	**************************************
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLv1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsItHwPosnLv12_Cnt_lgc.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0	**************************************
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLv11_Cnt_lgc.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0	**************************************
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLv1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsItHwPosnLv12_Cnt_lgc.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0	**************************************
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvi1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsItHwPosnLvi2_Cnt_lgc.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 PSAAGAN_MODFAIL 1 0 0 0 0 1630 -1630 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_lgc.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0 0 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_Mtrvell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_Mtrvell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 PSAAGAN_MODFAIL 1 0 0 0 0 1630 -1630 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_Mtrvell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnPhDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0 0 0 0 7	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 PSAAGAN_MODFAIL 1 0 0 0 0 1630 -1630 0 0 0 0 0 0 0 7	**************************************
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value target_PsaAgArbn_Per1_AndwheelAuthority_Uls_f32.value	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 0 1630 -1630 0 0 0 0 0 0 7 1	0 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1630 -1630 0 0 0 0 0 0 0 1 1± 1e-05	**************************************



Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

ulama.	Innut Value
Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
c_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
z_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
c_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
c_PsaAgAn_EpsPrec_HwDeg_f32	1
c_PsaAgAn_MinPrecFail_HwDeg_f32	2
c_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
:_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
c_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
z_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
c_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
c_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
arget Pim PsaAgArbnLrndOffsData.MinOffset	*none*
arget Pim PsaAgArbnLrndOffsData.MaxSrc	*none*
arget Pim PsaAgArbnLrndOffsData.MinSrc	*none*
a.go ourgraphemonobata.wiiiofo	





target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	Input Value -157.289703 132		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value			
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	132		
0 = 0 = = = = = = = = = = = = = = = = =	0		
target_FsaAgArbri_Ferri_EscDatavidFromSeriCom_Crit_igc.value	0 1		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
0 _ 0	-1364.07788		
	13.5880003		
	2.76600003		
0 = 0 = = 1 = =	654.596313		
	773.225525		
	1		
	663.518188		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.37559986		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	11.9394999		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	1052231492		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	ion_HwDeg_f32	
	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
0 = = = 1 = 0	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	0_	
	target_PsaAgArbn_Per1_AgArbnStToSerlCor		
	target_PsaAgArbn_Per1_AlignedCumMechM		
	target_PsaAgArbn_Per1_AlignedRelHwPos_	·-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	0 - 0		
	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		· - -	
	target PsaAgArbn_rer1 HwTorque HwNm		
	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
	target_PsaAgArbn_Per1_RelHwPos_HwDeg_		
	target_PsaAgArbn_Per1_RelHwPosnToSerlC		
	target_PsaAgArbn_Per1_RelHwPosnVldToSe		
	target_PsaAgArbn_Per1_SensorlessAuthority		
	target PsaAgArbn Per1 SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•
	0	0	~
0 = 1 = = =	0	0	~
3 2 1 1 p 1 1 2 1 2 2 1 2 2 1 1 1 1 1 1 1	0	0	~
·	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
- 3 <u> </u>	0	0	~
0 = 1 = = = =	0	0	V
3 2 1 1 2 2 2 2	0	0	· ·
3 2 4 4 24 2 24 4 24 2	0	0	
	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	· ·
9 =	0	0	
3 2 1 1 1 1 1 2 2 2 2 3 1	0	0	· ·
3 2 3 4 4 5 2 2 3	PSAAGAN MODFAIL	PSAAGAN MODFAIL	
	1	1	
	0	0	
v =	0	0	
0 = = = =	0	0	
3 = 1111	0	0	•
J	1630	1630	-
target Pim PsaAgArbnLrndOffsData.MaxOffset	-1630	-1630	✓
0 = = 0	-1030		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc		0	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0 0	0	

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	663.518188	663.518188 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

ame	Input Value
saAgAn AbsltHwPosnLvl2 Cnt M lgc	*none*
saAgAn AgArbnOffsFltDetd Cnt M Igc	*none*
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
aAgAn ComputedOffs Uls M str.MaxOffset	*none*
aAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
aAgAn ComputedOffs Uls M str.MaxSrc	*none*
aAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
aAgAn EscOffsSt Cnt M enum	*none*
aAgAn EscProc Cnt M Igc	*none*
aAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
aAgAn HwTrgLPF Uls M str.K Uls f32	*none*
aAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
aAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	*none*
aAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
aAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
aAgAn PrevSnsrMod Cnt M enum	*none*
aAgAn RelHwPosnToSerlCom HwDeg M f32	*none*
aAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
aAgAn ResetEsc Cnt M Igc	*none*
aAgAn SnsrMod Cnt M enum	*none*
aAgAn StInit Cnt M Igc	*none*
aAgAn UsedOffs Uls M str.MaxOffset	*none*
aAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
aAgAn UsedOffs Uls M str.MaxSrc	*none*
aAgAn UsedOffs Uls M str.MinSrc	*none*
e Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime	
e_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
PsaAgAn AbsHwPosLvl2 HwDeg f32	8
PsaAgAn EpsPrec HwDeg f32	1
PsaAgAn MinPrecFail HwDeg f32	2
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
PsaAgAn OffsDataInitMaxSrc Cnt u08	0
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	-1
PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.00999999978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn VehCondMaxVehSpd Kph f32	3
PsaAgAn VehCondMinTi mS u32	200
PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
PsaAgAn_AbsItHwAuthyY_Uis_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn AbsitHwAuthyY Uls u1p15[3]	0
	-





Name	Input Value		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	30		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1211.39209		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	3		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-186.288498		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.890699983		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1346.4895		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3002.17432		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0427000001		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-890.029724		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.08600044		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	442.484314		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPos_HwDe target PsaAgArbn Per1 RelHwPosnToSer		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	*	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData	11_102	
Name	Actual Value	Expected Value	Result
	0	0	Kesuit
PsaAgAn_AshteOffsEltDatd_Cat_M_lgc	0	0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn AgArbnOffsFit Cnt M lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	-
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	-
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	-
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
	· · · · · · · · · · · · · · · · · · ·	0	~
	0		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0		
PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	0 0 0	0	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0	0 0 PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	0 0 PSAAGAN_MODFAIL	0	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0 0 PSAAGAN_MODFAIL 1	0 0 PSAAGAN_MODFAIL 1	· · · · · · · · · · · · · · · · · · ·

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0427000001	0.0427000001 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-890.029724	-890.029724 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.38 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsitHwPosnLvl2 Cnt M lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978

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		(<i></i>
Name	Input Value		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	125 9444.56348		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	20		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1393.76819		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.1657009		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.81980038		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1287.88696		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-2528.63232		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1007.63641		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.24479997		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	344.193695		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u33_Elap$	e 3870512500		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegArbn_Per1_AbsltHwPosnPrecision$	_ target_PsaAgArbn_Per1_AbsltHwPosnPreci	ision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enui			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	I target_PsaAgArbn_Per1_EscDataVldFromS target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	*	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt		SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	,
		PSAAGAN_DEFECT	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	_	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0 0 0	0	
PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	•





Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1007.63641	-1007.63641 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	-
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.39 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
c_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
<_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1





Name	Input Value		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0 -1630		
k PsaAgAn OffsDataInitMinSrc Cnt u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768 32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[3]	0		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	*none*		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7214.70947		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	227		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-139.738693		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	6.36689997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.14750004 694.770386		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2606.39453		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.646499991		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-924.627319		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	483.034088		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_ target_PsaAgArbn_Per1_AbsltHwPosnPreci		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	_ 0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechM	/trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOataVldFromSerlCom_Cnt I target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscDataVldFromS target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToS target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensoriessAuthority_ois_is2 target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensoriessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	

 $target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value$

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

2018-03-03, 17:42:20+0530



Actual Value Expected Value PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 ${\sf PsaAgAn_ComputedOffs_Uls_M_str.MinSrc}$ PSAAGAN_DEFECT PSAAGAN DEFECT PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PSAAGAN_MODFAIL PSAAGAN_MODFAIL ${\sf PsaAgAn_PrevSnsrMod_Cnt_M_enum}$ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc n n PsaAgAn_ResetEsc_Cnt_M_lgc PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN MODFAIL **V** PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset n n **V** PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 $PsaAgAn_UsedOffs_Uls_M_str.MinSrc$ 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ -1630 -1630 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$ 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 $target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value$ 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 $target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value$ 0.646499991 0.646499991 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -924.627319 -924.627319 ± 0.00001

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

0

0

0 ± 1e-05

0

Test Step 2.40 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*





Name	Innered Victoria
Name PeaAgAn LleedOffe Lile M etr MaySre	Input Value *none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768 32768
t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[1] t PsaAgAn AbsItHwAuthyY UIs u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t PsaAgAn AbsittwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsittwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	149
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9205.64844
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	93
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1630
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.9568005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.61749983
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-2370.37329
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	-2370.37329
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1364.53455
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.1473999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	502.606598
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Cnt_enum_RsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbnStToSerlCom_Cnt_enum_RsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbnStToSerlCom_Cnt_enum_RsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbnStToSerlCom_Cnt_enum_RsaAgArbn_PsaA$	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ft	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	7 - 7 - 7 - 7
target_Rte_inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1364.53455	-1364.53455 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.41 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*





Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	232
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3260.99756
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	109
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1630
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.73169994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.664300025
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	762.13501
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-286.20401
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	327.764801
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.45349979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	255.607895
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_Inst_$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_RescDataVldFromSerlCom_Cont_RescDataV$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cr	t_ target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f3	target_PsaAgArbn_Per1_SensorlessHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	·
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	327.764801	327.764801 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	*none*

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PsaAgArbn_Per1 Input Value PsaAgAn_EscOffsSt_Cnt_M_enum *none* PsaAgAn_EscProc_Cnt_M_lgc *none PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 *none* $PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32$ *none* PsaAgAn_PrevSnsrMod_Cnt_M_enum *none* PsaAgAn RelHwPosnToSerlCom HwDeg M f32 *none* PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc *none* PsaAgAn ResetEsc Cnt M Igc *none* PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn StInit Cnt M Igc *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MaxSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* $Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$ $target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime$ Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn $k_CmnSysTrqRatio_HwNmpMtrNm_f32$ 18.9200001 k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32 20 k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 2 k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k PsaAgAn OffsDataInitMinSrc Cnt u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k PsaAgAn VehCondMaxHwTrq HwNm f32 0.5 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 k PsaAgAn VehCondMaxPinTrq HwNm f32 0.699999988 k PsaAgAn VehCondMaxVehSpd Kph f32 3 200 k_PsaAgAn_VehCondMinTi_mS_u32 32768 t PsaAgAn AbsltHwAuthyY Uls u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 0 t PsaAgAn AbsltHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 10 t PsaAqAn AbsltHwPosnPrecX HwDeg u16p0[2] 25 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target Pim PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 1270 88416 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 54 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 $target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value$ 0 target PsaAgArbn Per1 EscOffsEna Cnt lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 488.414795 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 25.3983002

-5.5637002

-982.258789

0.731899977

1135.32202

2.23569989

249.4478

target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08$ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i

target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc

target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt lgc

target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc

target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

2287 27661

target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value

target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value

target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value

target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value

target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value

target PsaAgArbn Per1 VehicleSpeedValid Cnt lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value

target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value

target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse 594829002

target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc

target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc

target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc

target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om Cnt lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	· - ·		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwD	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	*	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	V
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc.value	0	0	_
target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_Igc.value	0	0	V
target PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg f32.value	0	0 ± 1e-05	_
target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value	0	0	V
target PsaAgArbn Per1 AbsltHwPosn HwDeg f32.value	0	0	
target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum.value	7	7	V
target PsaAgArbn Per1 HandwheelAuthority Uls f32.value	0.731899977	0.731899977 ± 1e-05	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1135.32202	1135.32202 ± 0.00001	_
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	-
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt Igc.value	0	0	V
	T The second sec	The state of the s	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓



Name Implication Implication Plackages, Authoriticities (Cott, M.) go need* Plackages, Authoriticities (Cott, M.) go need* Plackages, Completificity (D. M.) go Manchites need* Plackages, Excellent (D. M.) go Manchites need* Plackages, Excellent (D. M.) go M. (M.) go Cotto need* Plackages, Excellent (D. M.) go M. (M.) go Cotto need* Plackages, Excellent (D. M.) go M. (M.) go Cotto need* Plackages, Excellent (D. M.) go M. (M.) go Cotto need* Plackages, Excellent (D. M.) go M. (M.) go Cotto need* Plackages, Excellent (D. M.) go M. (M.) go Cotto need* Plackages, Excellent (D. M.) go M. (M.) go Cotto need* Plackages, Excellent (D. M.) go Manchites need* Plackages, Excellent (D. M.) go M. (M.) go M.	Test Step 2.43 (Repeat Count = 1)	
Passing Anti-Merchant U. C. P. J. J. J. S. Passing Anti-Merchant U. C. P. J. J. S. Passing Anti-Merchant U. S. J. S.		Innut Value
Paulylan Paylother Clin Dec Paylother Dec		·
PasAgot, ComputeOffs, List, M. Mathoffset 10001* 10		
Paskylan Convolution U.B. Mark Marchiter U.B. Marchiter U.B. Marchiter U.B. Mark Marchiter U.B. Mark Marchiter U.B. Marchiter		
PasAgab, Computed St. Us. M. swinding none* PasAgab, Computed St. Us. M. swinding none* PasAgab, Estinos Ch. M. Igo none* PasAgab, Estinos Ch. M. Igo none* PasAgab, Estinos Ch. M. Igo none* PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, Infragille, Us. M. St. V. Us. 122 none* PasAgab, Islanding, Us. M. St. V. Us. 122 none* PasAgab, Islanding, Us. M. St. V. Us. 122 none* PasAgab, Islanding, Us. M. St. V. Us. 122 none* PasAgab, Islanding, Us. M. St. V. Us. 122 none* PasAgab, Islanding, Us. M. St. V. Us. 122 none* <t< td=""><td></td><td></td></t<>		
Pinalphn Computation Life Markharis None* Pinalphn Computation Life Markharis None* Pinalphn Ectificat Cet M. grum Pinalphn Ectificat Cet M. grum Pinalphn Pinalphn Pinalphn	· - ·	
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PasAgeh NetToEEP, Us. M. at SV, Us. D2 PasAgeh NetToEEP, Us. M. at SV, Us. D2 PasAgeh NetToEEP, Us. M. at SV, Us. D2 PasAgeh Period ToEP, Us. D2, Us. D2 PasAgeh Period ToEP, Us. D2 PasAgeh Perio	PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PaulyAge, North PE, Use, M. et AV, Use, 122 rone*	PsaAgAn_EscProc_Cnt_M_lgc	*none*
PasAga, MiYesEP_Us M_ sex_Us_Ds_22	PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
Pankagan Paniority PL us		*none*
PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn Prieorit PEP Us M, set X, Us 20 PaaAgAn PaeAgAn Pa	·	
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PasAgAn Relike Post Vot Cisco Crit M, Igc		
PaaAgAn Recellic Crit M, Ing		
PaaAgn Serifoc Cri. M. rum foors* PaaAgn Serifoc Foors* foors* foors* foors* PaaAgn Serifoc Foors* foors* foors* foors* PaaAgn Serifoc foors* foors* foors* foors* foors* PaaAgn Serifoc foors* foors* foors* foors* foors* foors* foors* PaaAgn Serifoc foors* foors*		
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PaadgAn UsedOffis Use Mrt MinOffiset	· · · · · · · · · · · · · · · · · · ·	*none*
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Ric Lost JAP, DasAgAthon SystemTime DimnélapsedTime US U32 (ElapsedTime Ne Inst. Ap., DasAgAthon SystemTime, DimnélapsedTime, U32 (ElapsedTime, US, U32 (ElapsedTime, U32 (El	PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
Re_Inst_Ap_PsaAgAthn	PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
k, ChmosystropRatio, Hwkmphthrim, 1/32 18,9000001 k, PeaAgAn, AbairhePosLv12, HwDog, 1/32 2 k, PeaAgAn, EpsiPec, HwDog, 1/32 1 k, PeaAgAn, EpsiPec, HwDog, 1/32 1 k, PeaAgAn, OffsobatiniMsxOffs, HwDog, 1/32 1630 k, PeaAgAn, OffsobatiniMsxOffs, HwDog, 1/32 1630 k, PeaAgAn, OffsobatiniMsxOffs, HwDog, 1/32 1630 k, PeaAgAn, OffsobatiniMsxOffs, Cru, 1/38 0 k, PeaAgAn, Ventoontidaxivirity, HwNm, 1/32 0.5 k, PeaAgAn, Ventoontidaxivirity, HwNm, 1/32 0 k, PeaAgAn, Ventoontidaxivirity, HwNm, 1/32 3 k, PeaAgAn, Ventoontidaxivirity, HwNm, 1/32 3 k, PeaAgAn, Ventoontidaxivirity, HwNm, 1/32 3 k, PeaAgAn, Westoontidaxivirity, HwNm, 1/32 3 k, PeaAgAn, Asatirk-Audity, Ulis, 1/15(1) <		target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
K, PaaAgAn, AbshirhPost.vil J-HvDeg_132 8 K, PsaAgAn, Ebshire, ElwDeg_132 1 K, PsaAgAn, Ebshire, ElwDeg_132 1 K, PsaAgAn, MinPrecFall HwDeg_132 1630 K, PsaAgAn, OffsobalaniMAnsSe, Cnt_U08 0 K, PsaAgAn, ChoodidasWint Mint Mint Mint Mint Mint Mint Mint M		
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R. PsaAgAn_MiniPreCail HwDeg_132 1		
K, PsaAgAn, MinPrecFail HwDeg, I32 2 K, PsaAgAn, OffsDataniMaxOffs, HwDeg, I32 1630 K, PsaAgAn, ChibataniMaxOffs, HwDeg, I32 1630 K, PsaAgAn, DoffsDataniMnOffs, HwDeg, I32 1630 K, PsaAgAn, OffsDataniMnOffs, HwDeg, I32 1 K, PsaAgAn, VeltCondMaxInVTe, HwDeg, I32 1 K, PsaAgAn, VeltCondMaxInVTe, HwNm, I32 0.5 K, PsaAgAn, VeltCondMaxInVTe, HwNm, I32 0.0099999978 K, PsaAgAn, VeltCondMaxInVTe, InvNm, I32 0.0999999988 K, PsaAgAn, VeltCondMaxInVTe, InvNm, I32 0.0999999988 K, PsaAgAn, Abstlt-Mwaltry, Uls., up15[0] 32768 L, PsaAgAn, Abstlt-Mwaltry, Uls., up15[1] 32768 L, PsaAgAn, Abstlt-Mwaltry, Uls., up15[2] 0 L, PsaAgAn, Abstlt-Mwaltry, Uls., up15[3] 0 L, PsaAgAn, Abstlt-Mwaltry, Uls., up15[3] 0 L, PsaAgAn, Abstlt-MwoshPrecX, HwDeg, u16p0[1] 10 L, PsaAgAn, Abstlt-MwPosnPrecX, HwDeg, u16p0[1] 10 L, PsaAgAn, Abstlt-MwPosnPrecX, HwDeg, u16p0[3] 1679 L, PsaAgAn, Abstlt-MwPosnPrecX, HwDeg, u16p0[3] 1679 L, PsaAgAn, Abstlt-MwPosnPrecX, HwDeg, u16p0[3] 1679 L, PsaA		
k, PsaAgAn_OffsDataintMaxStr_Crt_U08 0 k, PsaAgAn_OffsDataintMaxStr_Crt_U08 0 k, PsaAgAn_OffsDataintMinStr_Crt_U08 0 k, PsaAgAn_OffsDataintMinStr_Crt_U08 0 k, PsaAgAn_OffsDataintMinStr_Crt_U08 0 k, PsaAgAn_OffsDataintMinStr_Crt_U08 0 k, PsaAgAn_VehCondMaxHirtyE_HWR_G12 1-1 k, PsaAgAn_VehCondMaxHirtyE_HWR_G12 0.0099999978 k, PsaAgAn_VehCondMaxHirtyE_HWR_G12 3 k, PsaAgAn_VehCondMaxVehSqL_Kpt_G2 3 k, PsaAgAn_VehCondMinTI_mS_u32 200 k, PsaAgAn_VehCondMinTI_mS_u32 200 k, PsaAgAn_VehCondMinTI_mS_u32 200 k, PsaAgAn_AbstHirwAuthyY_Us_u1p15[0] 32768 k, PsaAgAn_AbstHirwAuthyY_Us_u1p15[3] 0 k, PsaAgAn_AbstHirwAuthyY_Us_u1p15[3] 0 k, PsaAgAn_AbstHirwAuthyY_Us_u1p15[3] 0 k, PsaAgAn_AbstHirwOstPrecX_HWDeg_u16[01] 10 k, PsaAgAn_AbstHirwOstPrecX_HWDeg_u16[01] 10 k, PsaAgAn_AbstHirwOstPrecX_HWDeg_u16[01] 10 k, PsaAgAn_AbstHirwOstPrecX_HWDeg_u16[01] 10 k, PsaAgAn_AbstHirwOstPrecX_HWDeg_u16[01] 10 </td <td></td> <td></td>		
k_PasAgAn_OffsDataintMinScr_Cnt_u08 0 k_PasAgAn_OffsDataintMinSrc_Cnt_u08 0 k_PasAgAn_OffsDataintMinSrc_U08 0 k_PasAgAn_OffsDataintMinSrc_U08 0 k_PasAgAn_OffsDataintMinSrc_U08 2 k_PasAgAn_OffsDataintMinSrc_U18 2 k_PasAgAn_OffsDataintMinSrc_U18 2 k_PasAgAn_OffsDataintMinSrc_U18 0		
k, PsaAgAn_OffsDataIntMinOffs_HwDeg_132 -1630 k, PsaAgAn_OftsDataIntMinSrc_Cnt_u08 0 k, PsaAgAn_OftsDataIntMinSrc_Cnt_u08 -1 k, PsaAgAn_VehCondMaxHwTrq_HwNm_132 0.5 k, PsaAgAn_VehCondMaxHwTrq_HwNm_132 0.0999999978 k, PsaAgAn_VehCondMaxPinTq_HwNm_132 0.0999999988 k, PsaAgAn_VehCondMaxPinTq_HwNm_132 20 k, PsaAgAn_Abelt-MouthyY_UIs_u1p15[0] 32768 t_PsaAgAn_AbstHwAuthyY_UIs_u1p15[1] 32768 t_PsaAgAn_AbstHwAuthyY_UIs_u1p15[3] 0 t_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[1] 0 t_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxSrc *none* target_Pim_PsaAgArbnLmdOffsData MaxSrc *none* target_Pim_PsaAgArbn_Per1_AlignedReiHwPos_HwDeg_u16p0[3] 1679 target_PsaAgArbn_Per1_EscOtlate_MinOffset *none* target_PsaAgArbn_Per1_EscOtlate_MinOffset *none* target_PsaAgArbn_Per1_EscOtlate_MinOffset *10ne* target_PsaAgArbn_Per1_EscOtlate_MinOffset *10ne* target_PsaAgArbn_Per1_EscOtlate_MinOffset		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffserDataInitMinSrc_Unt_Web_G_132 -1 k_PsaAgAn_VehCondMaxtMrve_Hwhm_f32 0.5 k_PsaAgAn_VehCondMaxtMrve_MrhadpS_f32 0.00999999978 k_PsaAgAn_VehCondMaxtMrve_MrhadpS_f32 0.699999988 k_PsaAgAn_VehCondMaxtPinTq_Hwhm_f32 0.699999988 k_PsaAgAn_VehCondMaxtPinTq_Hwhm_f32 2.00 k_PsaAgAn_AbsithwAuthyY_Uls_up15[0] 32768 t_PsaAgAn_AbsithwAuthyY_Uls_up15[1] 32768 t_PsaAgAn_AbsithwAuthyY_Uls_up15[2] 0 t_PsaAgAn_AbsithwAuthyY_Uls_up15[3] 0 t_PsaAgAn_AbsithwAuthyY_Uls_up15[3] 0 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pin_PsaAgArthmLmdOffsData_MaxSrc *none* target_Pin_PsaAgArthmLmdOffsData_MaxSrc *none* target_PsaAgArthn_Pert_AlignedReliHwPos_HwDeg_132_value 67 target_PsaAgArthn_Pert_AlignedReliHwPos_HwDeg_132_value 16 target_PsaAgArthn_Pert_EscotFromSerCom_Cnt_Ugc_value 1 target_PsaAgArthn_Pert_EscotFromSerCom_HwDeg_		
k, PsaAgAn (VerCondMaxtwit Trq, HwNm (32 k) 1 k, PsaAgAn (VerCondMaxtwit Trq, HwNm (32 k) 0.5 k k, PsaAgAn (VerCondMaxtwit Yel, MirkadpS, (32 k) 0.0099999998 k k, PsaAgAn (VerCondMaxtwit Yel, MirkadpS, (32 k) 0.99999998 k k, PsaAgAn (VerCondMaxtwit Yel, MirkadpS, (32 k) 3 k k, PsaAgAn (VerCondMaxtwit Yel, July (15 k) 20 c L, PsaAgAn (Nesthwath Yel, July (15 k) 32768 k L, PsaAgAn (Nesthwath Yel, July (15 k) 32768 k L, PsaAgAn (Nesthwath Yel, July (15 k) 0 c L, PsaAgAn (Nesthwath Yel, July (15 k) 0 c L, PsaAgAn (Nesthworth Yel, Well (15 k) 0 c L, PsaAgAn (Nesthworth Yel, Well (15 k) 0 c L, PsaAgAn (Nesthworth Yel, Well (15 k) 0 c L, PsaAgAn (Nesthworth Yel, Well (15 k) 0 c L, PsaAgAn (Nesthworth Yel, Well (15 k) 0 c L, PsaAgAn (Nesthworth Yel, Well (15 k) 0 c L, PsaAgAn (Nesthworth Yell (15 k) 0 c L, PsaAgAn (Nesthworth Yell (15 k) 0 c L, PsaAgAn (15 k) 0 c L, PsaAgAn (15 k) 0 c L, PsaAgAn (15 k) <td< td=""><td></td><td></td></td<>		
k_PsaAgAn_VehCondMaxMirVel_MtrRadpS_f32 0.0999999978 k_PsaAgAn_VehCondMaxPinTrq_HxVm_f32 0.699999988 k_PsaAgAn_VehCondMaxPinTrq_HxVm_f32 3 k_PsaAgAn_VehCondMixTimS_u32 200 L_PsaAgAn_AbstthwAuthy_Us_ufp15[0] 32768 L_PsaAgAn_AbstthwAuthy_Us_ufp15[1] 32768 L_PsaAgAn_AbstthwAuthy_Us_ufp15[3] 0 L_PsaAgAn_AbstthwAuthy_Us_ufp15[3] 0 L_PsaAgAn_AbstthwPosnPrex_HwDeg_u16p0[0] 0 L_PsaAgAn_AbstthwPosnPrex_HwDeg_u16p0[1] 10 L_PsaAgAn_AbstthwPosnPrex_HwDeg_u16p0[2] 25 L_PsaAgAn_AbstthwPosnPrex_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset *none* target_Pim_PsaAgArbnLmdOffsData_MixOffset *none* target_Pim_PsaAgArbnLmdOffsData_MixOffset *none* target_Pim_PsaAgArbnLmdOffsData_MixOffset *none* target_Pim_PsaAgArbn_Perf_LignedCumMechMirPosStatus_Cnt_u08.value 67 target_PsaAgArbn_Perf_LignedCumMechMirPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Perf_EscAfromSeriCom_Cnt_lgc.value 1 target_PsaAgArbn_Perf_EscAfromSeriCom_Cnt_lgc.value 1 target_PsaAgArbn_Pe		-1
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 k_PsaAgAn_VehCondMixTrm_BS_u22 200 L_PsaAgAn_AbelthwAuthyY_Uis_up15[0] 32768 L_PsaAgAn_AbsithwAuthyY_Uis_up15[1] 32768 L_PsaAgAn_AbsithwAuthyY_Uis_up15[2] 0 L_PsaAgAn_AbsithwAuthyY_Uis_up15[3] 0 L_PsaAgAn_AbsithwAuthyY_Uis_up15[3] 0 L_PsaAgAn_AbsithwAuthyY_Uis_up15[3] 0 L_PsaAgAn_AbsithwPosnPrecX_HwDeg_uf6p0[0] 0 L_PsaAgAn_AbsithwPosnPrecX_HwDeg_uf6p0[1] 10 L_PsaAgAn_AbsithwPosnPrecX_HwDeg_uf6p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MixOffset *none* target_Pim_PsaAgArbnLmdOffsData_MixOffset *none* target_Pim_PsaAgArbnLmdOffsData_MixOffset *none* target_Pim_PsaAgArbn_Per1_AlignedCumMechNtrPosStatus_Cnt_u08_value 67 target_PsaAgArbn_Per1_AlignedCledelHwPos_HwDeg_i32_value 316.04593 target_PsaAgArbn_Per1_EscotsFormSeriCom_Cnt_lgc_value 1 target_PsaAgArbn_Per1_EscotfisFromSeriCom_Cnt_lgc_value 1 target_PsaAgArbn_Per1_EscoffisFromSeriCom_HwDeg_i32_value 15.5494003 target_PsaAgArbn_Per1_EscoffisFromSeriCom_HwDeg_i32_value 15.5494003	k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxVehSpd_Kph_T32 3 k_PsaAgAn_VehCondMinTi_mS_u32 200 L_PsaAgAn_AbstHwAuthy_Us_u1p15[0] 32768 L_PsaAgAn_AbstHwAuthy_Us_u1p15[1] 32768 L_PsaAgAn_AbstHwAuthy_Us_u1p15[3] 0 L_PsaAgAn_AbstHwAuthy_Us_u1p15[3] 0 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[0] 0 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[1] 10 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[2] 25 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset *none* target_Pim_PsaAgArbnLmdOffsData_MinOffset *none* target_Pim_PsaAgArbnLmdOffsData_MinSrc *none* target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 value 67 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 value 161 target_PsaAgArbn_Per1_EscAkFromSeriCom_Cnt_lgc_value 1 target_PsaAgArbn_Per1_EscAkFromSeriCom_Cnt_lgc_value 0 target_PsaAgArbn_Per1_EscOffsEra_Cnt_lgc_value 1 target_PsaAgArbn_Per1_EscOffsEra_Cnt_lgc_value 0 target_PsaAgArbn_Per1_EscOffsEra_SeriCom_HwDeg_f32 value 15.5494003 target	k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_AbstHwAuthyY_Uls_utp15[0] 32768 L_PsaAgAn_AbstHwAuthyY_Uls_utp15[1] 32768 L_PsaAgAn_AbstHwAuthyY_Uls_utp15[2] 0 L_PsaAgAn_AbstHwAuthyY_Uls_utp15[3] 0 L_PsaAgAn_AbstHwAuthyY_Uls_utp15[3] 0 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[0] 0 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[1] 10 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[2] 25 L_PsaAgAn_AbstHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MinOffset *none* target_Pim_PsaAgArbnLmdOffsData_MinOffset *none* target_Pim_PsaAgArbnLmdOffsData_MinSrc *none* target_Pim_PsaAgArbn_MoffsData_MinSrc *none* target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08_value 67 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08_value 161 target_PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_lgc_value 1 target_PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_lgc_value 1 target_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_f32_value 1 target_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_f32_value 1 target_PsaAgArbn_Per1_MirVeiCRF_MrRadps_f32_value 10	k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
t_PsaAgAn_AbsithwauthyY_Uls_urjp15[0] 32768 t_PsaAgAn_AbsithwauthyY_Uls_urjp15[1] 32768 t_PsaAgAn_AbsithwauthyY_Uls_urjp15[2] 0 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_uri6p0[0] 0 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_uri6p0[1] 10 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_uri6p0[2] 25 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_uri6p0[3] 1679 target_Pim_PsaAgArbn.LmdOffsData.MaxOffset *none* target_Pim_PsaAgArbn.LmdOffsData.MaxSrc *none* target_Pim_PsaAgArbn.LmdOffsData.MaxSrc *none* target_Pim_PsaAgArbn.LmdOffsData.MinSrc *none* target_Pim_PsaAgArbn.LmdOffsData.MinSrc *none* target_Pim_PsaAgArbn.LmdOffsData.MinSrc *none* target_Pim_PsaAgArbn.Perl_AlignedCumMercMitrPosStatus_Cnt_u08.value 67 target_PsaAgArbn_Perl_AlignedRelHwPos_HwDeg_f32.value 316.045593 target_PsaAgArbn_Perl_EscOffsCom_Cnt_Igc.value 161 target_PsaAgArbn_Perl_EscOffsFromSeriCom_Cnt_Igc.value 1 target_PsaAgArbn_Perl_EscOffsFromSeriCom_HwDeg_f32.value 1 target_PsaAgArbn_Perl_EscOffsFromSeriCom_HwDeg_f32.value 1 target_PsaAgArbn_Perl_HwTorque_HwMm_f32.value	k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
PsaAgAn_AbsithwAuthyY_Uls_urjp15[1] 32768 PsaAgAn_AbsithwAuthyY_Uls_urjp15[2] 0 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[0] 0 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] 10 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] 10 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] 10 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2] 25 LegaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset *none* target_Pim_PsaAgArbnLmdOffsData_Minoffset *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 67 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16 target_PsaAgArbn_Per1_LomMechMtrPosStatus_Cnt_u08.value 16 target_PsaAgArbn_Per1_EscOffsena_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsena_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsena_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsena_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsena_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsena_Cnt_lgc.value 1 target_PsaAgArbn_Per1_HwTorque_HwIm_f3z_value 10 target_PsaAgArbn_Per1_MirrAdgArbn_Si3z_value -606.558105 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f3z_value -606.558105 target_PsaAgArbn_Per1_SensorlessAuthority		
t_PsaAgAn_AbsithwAuthyY_Uls_utp15[2] 0 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_ut6p0[0] 0 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_ut6p0[1] 10 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_ut6p0[2] 25 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_ut6p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MaxOffset *none* target_Pim_PsaAgArbnLmdOffsData.MaxOffset *none* target_Pim_PsaAgArbnLmdOffsData.MinOffset *none* target_Pim_PsaAgArbnLmdOffsData.MinSrc *none* target_Pim_PsaAgArbnLmdOffsData.MinSrc *none* target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 67 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 316.045593 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_SerlCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.v		
L*PsaAgAn_AbsithwAuthyY_Uis_u1p15[3] 0 L*PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[0] 0 L*PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] 10 L*PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2] 25 L*PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MinOffset *none* target_Pim_PsaAgArbnLmdOffsData.MinOffset *none* target_Pim_PsaAgArbnLmdOffsData.MinSrc *none* target_Pim_PsaAgArbnLmdOffsData.MinSrc *none* target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 67 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Per1_EcomMechMtrPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVidFromSerlCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEn_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEn_Cnt_lgc.value 15,5494003 target_PsaAgArbn_Per1_HntrVerQRF_MtrRadpS_f32.value 160,558105 target_PsaAgArbn_Per1_HntrVerQRF_MtrRadpS_f32.value -606,558105 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value -1535,27869		
t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset	_ , _ , _ , _ , _ , _ , _ , _ , _ , _ ,	
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target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_PsaAgArbn_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Pset_AlignedCumMechMtrPosStatus_Cnt_u08.value 67 target_PsaAgArbn_Pset_AlignedCumMechMtrPosStatus_Cnt_u08.value 316.045593 target_PsaAgArbn_Pset_CumMechMtrPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Pset_EscDataVldFromSetlCom_Cnt_lgc.value 11 target_PsaAgArbn_Pset_EscDffsEna_Cnt_lgc.value 12 target_PsaAgArbn_Pset_EscOffsEna_Cnt_lgc.value 13 target_PsaAgArbn_Pset_EscOffsEna_Cnt_lgc.value 14 target_PsaAgArbn_Pset_EscOffsEna_Cnt_lgc.value 15 target_PsaAgArbn_Pset_EscOffsEna_Cnt_lgc.value 16 target_PsaAgArbn_Pset_EscPrecisionFromSetlCom_HwDeg_f32.value 16 target_PsaAgArbn_Pset_EscPrecisionFromSetlCom_HwDeg_f32.value 17 target_PsaAgArbn_Pset_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Pset_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Pset_RelHwPos_HwDeg_f32.value 20 target_PsaAgArbn_Pset_SensorlessAuthority_Uls_f32.value 21 target_PsaAgArbn_Pset_SensorlessHwPos_HwDeg_f32.value 23 target_PsaAgArbn_Pset_SensorlessHwPos_HwDeg_f32.value 4.62209988 target_PsaAgArbn_Pset_VehicleSpeedValid_Cnt_lgc.value 0		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	_ 0	
target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 67 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 316.045593 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscPffsFromSerlCom_HwDeg_f32.value 0 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1-306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1-1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 316.045593 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 0 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 4.62209988 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 0 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0	target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 161 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 0 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 666.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 4.62209988 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 0 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 1.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	67
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 0 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 4606.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 4.62209988 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 0 0	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	316.045593
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 0 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 4.62209988 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 0 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 1.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 0 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 4.62209988 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0	· · · · · · · · · · · · · · · · · · ·	
target_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_f32.value 0 target_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_f32.value 15.5494003 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 10 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 10 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0	· - ·	
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -606.558105 target_PsaAgArbn_Per1_RellHwPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0		
target_PsaAgArbn_Per1_Rell+wPos_HwDeg_f32.value -306.192413 target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0		
target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0	· · · · · · · · · · · · · · · · · · ·	
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -1535.27869 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value 0		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 4.62209988 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value 0	· · · · · · · · · · · · · · · · · · ·	
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value 301.397095		
· - · - · - · · · · · · · · · · · · · ·	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	301.397095
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse 2898321114	$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse$	2898321114

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PsaAgArbn_Per1

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN	/trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICe	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.$	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	дс	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1	1
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	O DOAAGAN DEFECT	O POAACAN PEFFOT	Y
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT 0	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	0	V
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	
PsaAgAn ResetEsc Cnt M Igc	0	0	V
PsaAgAn SnsrMod Cnt M enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn StInit Cnt M Igc	1	1	~
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	0	0	•
PsaAgAn UsedOffs Uls M str.MaxSrc	0	0	~
PsaAgAn UsedOffs Uls M str.MinSrc	0	0	•
target Pim PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1535.27869	-1535.27869 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•
- 3-2 - 3 - 2 - 2			



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 2.44 (Repeat Count = 1)	
	Input Value
	none
·	
0	*none*
	none
•	*none*
0 = = = =	*none*
5	*none*
5 = = = = = = = = = = = = = = = = = = =	*none*
0 = = = = 0	*none*
9	*none*
0 0	*none*
0 = = = =	*none*
0	*none*
0 = = = =	*none*
0	*none*
	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
	target_Rte_Inst_Ap_PsaAgArbn
_ , ,	18.9200001
_ 0 0_	20
_ 0 0_	8
	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
	1679
	none
	none
target Pim PsaAgArbnLrndOffsData.MinOffset	
• •	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	





target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 value 254 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDfsFromSerlCom_HwDeg_f32.value 1 target_PsaAgArbn_Per1_EscDfsFromSerlCom_HwDeg_f32.value 2.756.879578 target_PsaAgArbn_Per1_EscPfseisionFromSerlCom_HwDeg_f32.value 3.26809978 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.25250006 target_PsaAgArbn_Per1_MrtvelCRF_MtrRadpS_f32.value 5.15.469421 target_PsaAgArbn_Per1_RelthwPos_HwDeg_f32.value 3.05.516693 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 3.0480500013 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 4.182.001999 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 4.182.001999 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 4.182.001999 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 4.182.001999 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 4.182.001999 target_Rel_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc 4.182.00199 target_Rel_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum 4.182.00199 target_Rel_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus 6.182.00199 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum 4.182.00199 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_lgc 4.182.00199 target_PsaAgArb	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uis_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uis_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uis_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uis_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLw12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLw12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLw12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLw12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitthwPosnLw12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AignedCellhwPos_HwDeg_f32 target_PsaAgArbn_Per1_AbsitthwPosnLw12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVidFromSerlCom_Cnt_int target_PsaAgArbn_Per1_AignedCellhwPos_PsaAgArbn_Per1_AignedCellhwPos_PsaAgArbn_Pe	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 2.756.879578 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 3.26809978 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 5.25250006 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 5.25250006 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 5.25250006 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 5.2550006 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 3.048050013 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 0.480500013 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1.39849997 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 1.39849997 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 1.39849997 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 1.31429005 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnLv12_Cnt_lgc 1.58348186 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnLv12_Cnt_lgc 1.58348186 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosn-Index_psaAgArbn_Per1_AbsItHwPosn-Index_psaAgArbn_Per1_AbsItHwPosn-Index_psaAgArbn_Per1_AbsItHwPosn-Index_psaAgArbn_Per1_AgArbnStToS_erlCom_Cnt_enum_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosn-Index_psaAgArbn_Per1_AgArbnStToS_erlCom_Cnt_enum_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_PsaAgArbn_Per1_AgArbnStToS_erlCom_Cnt_enum_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_PsaAgArbn_Per1_AgArbnStToS_erlCom_Cnt_enum_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOtfsFnomSerlCom_Cnt_enum_target_PsaAgArbn_Per1_AgArbnStToS_erlCom_Cnt_enum_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOtfsFnomSerlCom_Cnt_enum_target_PsaAgArbn_Per1_Aga-Brabarbn_Per1_EscAckFromSerlCom_Cnt_enum_target_PsaAgArbn_Per1_Brabarbn_Per1_EscAckFromSerlCom_Cnt_enum_target_Psa	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscCAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscCAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscCAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Lnucle target_Psa	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_EscPfrsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_Mtrorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32_value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32_value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32_value target_PsaAgArbn_Per1_Rell+WPos_HwDeg_f32_value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32_value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32_value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32_value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32_value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc_value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc_value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32_value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32_value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32_value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32_value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32_value target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AgarbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AbsltHwPosn_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosn_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_target_PsaAgArbn_Per1_AlignedRell+wtarget_PsaAgArbn_Per1_LescAckFromSerlCom_Cnt_target_PsaAgArbn_Per1_LescAckFromSerlCom_Cnt_target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_target_PsaAgArbn_Per1_EscAffsFromSerlCom_Cnt_target_PsaAgArbn_Per1_EscAffsFromSerlCom_LwCl_target_PsaAgArbn_Per1_EscAffsFromSerlCom_HwDeg_f target_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_P	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 5.25250006 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 515.469421 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1.305.516693 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1.82.001999 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value 1.82.001999 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 1.39849997 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 1.39849997 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 1.31.1429005 target_Rte_lnst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_Rte_lnst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_Rte_lnst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_EscAkFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAkFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAkFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAkFromSerlCom_Cnt_lgc target_Psa	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_AbsithwPosnLv11_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsithwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AbsithwPosn_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_LhuDeg_f target_PsaAgArbn_Per1_EscDataVld	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosn target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscO	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv11_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AgArbnStToS target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc targe	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv11_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosn target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlsinedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlgaredCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedRelHwPos_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus Cnt_u0 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFi target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArb	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_us_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosn target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedRelHwPos_f32 target_PsaAgArbn_Per1_AlignedRelHwPos_f32 target_PsaAgArbn_Per1_AlignedRelHwPos_f32 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Lnt_igc target_PsaAgArbn_PsaAg	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVtl_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVtl_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVtl_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscCoffsEna_cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_Psa	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_igc target_PsaAgArbn_Per1_EscAgArbn_Per1_EscAgarbn_Per1_Es	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_istarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_istarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_igc target_PsaAgArbn_Per1_BscAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_istarget_PsaAgArbn_Per1_EscDataVIdFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_AbsitHwPosn target_PsaAgArbn_Per1_EscAgArbn target_PsaAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscAgArbn_Per1_EscOffsEna_i target_PsaAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Pe	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AbsltHwPosn_target_PsaAgArbn_Per1_AbsltHwPosn_target_PsaAgArbn_Per1_ApsltHwPosn_target_PsaAgArbn_Per1_EscAgarbn_PsaAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1_EscAgarbn_Per1_EscPrecisionFromSerlCom_HwDeg_f1 target_PsaAgArbn_Per1_ApsltHwPosn_target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f1 target_PsaAgArbn_Per1_ApsltHwPosn_target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f1 target_PsaAgArbn_Per1_ApsltHwPosn_target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f1 target_PsaAgArbn_Per	nLvl2_Cnt_lgc nPrecision_HwDeg_f32 nVld_Cnt_lgc n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVid_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_uotarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_istarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_istarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_igc target_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_istarget_PsaAgArbn_Per1_EscDataVIdFromSerlCom_HwDeg_f target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_igc target_PsaAgArbn_Per1_EscOffsEna_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_igc target_PsaAgArbn_Per1_EscOffsEna_Cnt_igc target_PsaAgArbn_Per1_EscOffsEn	nPrecision_HwDeg_f32 nVId_Cnt_Igc n_HwDeg_f32 SerICom_Cnt_enum MechMtrPosStatus_Cnt_u08 twPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerICom_Cnt_Igc FromSerICom_Cnt_Igc _Cnt_Igc nSerICom_HwDeg_f32 authority_UIs_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosn_target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Ligc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AbsltHwPosn_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_EscAckFromSerICom_Cnt_ligc target_PsaAgArbn_Per1_EscAckFromSerICom_Cnt_ligc target_PsaAgArbn_Per1_EscAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgArbn_Per1_EscAgAgAgArbn_Per1_EscAgAgAgAgAgagagagagagagagagagagagagagaga	nVId_Cnt_Igc n_HwDeg_f32 SerICom_Cnt_enum MechMtrPosStatus_Cnt_u08 IwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerICom_Cnt_Igc FromSerICom_Cnt_Igc _Cnt_Igc nSerICom_HwDeg_f32 authority_UIs_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_CumMechMtrPosStatus_ target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_istarget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_istarget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_istarget_PsaAgArbn_Per1_EscDataVldFromSerlCom_HwDeg_fatarget_PsaAgArbn_Per1_EscOffsEna_target_PsaAgArbn_Per1	n_HwDeg_f32 SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 twPos_HwDeg_f32 trPosStatus_Cnt_u08 iSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc inSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRell+WPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_target_Rte_Inst_Ap_PsaAgArbn_PsaAgAr	SerlCom_Cnt_enum MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 nFromSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRellHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_lgc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscAckFromSerlCom_	MechMtrPosStatus_Cnt_u08 lwPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 nFromSerlCom_HwDeg_f32 authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwL target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwL target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwL target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwL target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgAr	tyPos_HwDeg_f32 trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 nFromSerlCom_HwDeg_f32 Authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_let target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaA	trPosStatus_Cnt_u08 nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 nFromSerlCom_HwDeg_f32 Authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Ie target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Ie target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsEna_cnt_Ie target_PsaA	nSerlCom_Cnt_lgc FromSerlCom_Cnt_lgc _Cnt_lgc nSerlCom_HwDeg_f32 nFromSerlCom_HwDeg_f32 Authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_RsaAgArbn_Per1_EscOffsEna_target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionItarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	_Cnt_lgc nSerlCom_HwDeg_f32 nFromSerlCom_HwDeg_f32 Authority_Uls_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionItarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	nSerlCom_HwDeg_f32 nFromSerlCom_HwDeg_f32 Authority_UIs_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionItarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	nFromSerlCom_HwDeg_f32 Authority_UIs_f32 Position_HwDeg_f32 HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	Authority_UIs_f32 Position_HwDeg_f32 HwNm_f32	
	Position_HwDeg_f32 HwNm_f32	
torget Die last An DecAraba DecAraba Deri HendubeelDecition Hurber 1997 torget DecAraba Deri HendubeelDe	HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HandwheelPos	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_M	MtrRadpS f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_H		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_PsaAgArbn_Psa	ToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_PsaA	VldToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessHw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdC target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_PsaAg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData		
Name Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc 0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset 0	0	Y
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset 0 PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0	0	
PsaAgAn EscOffsSt Cnt M enum PSAAGAN DEFECT	PSAAGAN DEFECT	-
PsaAgAn_EscProc_Cnt_M_lgc 0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0	0	_
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RellNeBear_And Cont_M_enum PsaAgAn_RellNeBear_And Cont_M_enum	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0	0	
PsaAgAn_ReertEsc_Cnt_M_lgc 0	0	
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_StInit_Cnt_M_lgc 1	1	-
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0	1620	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630	1630 -1630	
target_Pim_PsaAgArbnLmdOffsData.MamSrc 0	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc 0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0	0	-
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0	0 ± 1e-05	✓

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.480500013	0.480500013 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-182.001999	-182.001999 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

James	Innut Value
Name	Input Value
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn UsedOffs Uls M str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
PsaAgAn AbsHwPosLvI1 HwDeg f32	20
PsaAgAn AbsHwPosLvl2 HwDeg f32	8
_PsaAgAn_EpsPrec_HwDeg_f32	1
PsaAgAn MinPrecFail HwDeg f32	2
PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630
PsaAgAn OffsDataInitMaxSrc Cnt u08	0
PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630
PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	-1
rsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
PsaAgAn VehCondMaxPinTrq HwNm f32	0.69999988
PsaAgAn VehCondMaxVehSpd Kph f32	3
_rsaAgAn_venCondinaxvenSpu_kpr_is2 PsaAgAn_VehCondMinTi_mS_u32	200
_	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] PsaAgAn AbsltHwAuthyY Uls u1p15[1]	32768
	0
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] _PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target Pim PsaAgArbnLrndOffsData.MiaXsrc	*none* *none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8185.38574		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	59		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	850.906372		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.36140013		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	361.934906		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	228.086807		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-471.318298		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.43499994		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	347.124207		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc	2681540698 target PsaAgArbn Per1 AbsltHwPosnLvI1	Cnt lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	0eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target_PsaAgArbn_Per1_CumMechMtrPosS target_PsaAgArbn_Per1_EscAckFromSerICc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRactarget_PsaAgArbn_Per1_RelHwPos_HwDeg	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDegf32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	target_Pim_PsaAgArbnLrndOffsData Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0	0	ixesuit
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	V
PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	-
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	O DOLLOW MODELII	V
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	· ·
PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	7
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	V
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
		-	•

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-471.318298	-471.318298 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 18.9200001 k_PsaAgAn_AbsHwPost_vl1_HwDeg_f32 20 k_PsaAgAn_AbsHwPost_vl2_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	Test Step 2.46 (Repeat Count = 1)	✓
PsaAgAn AgArbnOffsFIDetd, Cnt M. Igc *none* PsaAgAn, AgArbnOffsFIDetd, Cnt M. Igc *none* PsaAgAn, ComputedOffs, Uls, M. str MixOffset *none* PsaAgAn, ComputedOffs, Uls, M. str MixOffset *none* PsaAgAn, ComputedOffs, Uls, M. str MixOffset *none* PsaAgAn, ExportedOffs, Uls, M. str MixOffset *none* PsaAgAn, ExportedOffs, Uls, M. str MixOffset *none* PsaAgAn, ExportedOffs, Uls, M. str M. Uls *none* PsaAgAn, ExportedOffs, Uls, M. str M. Uls *none* PsaAgAn, HwirquiPF, Uls, M. str M. Uls, 132 *none* PsaAgAn, MixVet IPF, Uls, M. str K. Uls, 132 *none* PsaAgAn, MixVet IPF, Uls, M. str K. Uls, 132 *none* PsaAgAn, PinionTrq IPF, Uls, M. str K. Uls, 132 *none* PsaAgAn, Prevision Processor (Lin, Uls, 132) *none* PsaAgAn, Prevision Processor (Lin, Uls, 132) *none* PsaAgAn, ReletwPosnVoti Osericom, Cnt, M. Igo *none* PsaAgAn, ReletwPosnVoti Osericom, Cnt, M. Igo *none* PsaAgAn, UsedOffs, Uls, M. str, MixOffset *none* PsaAgAn, UsedOffs, Uls, M. str, MixOffset *none* PsaAgAn, UsedOffs, Uls, M. str, MixOffset	Name	Input Value
PsaAgAn, AgArbnOffsFILC, Crit. M. Igc *none* PsaAgAn, ComputeOffs Us, M., str. MnOffset *none* PsaAgAn, ComputeOffs Us, M., str. MnOffset *none* PsaAgAn, ComputeOffs Us, M., str. MinOffset *none* PsaAgAn, ComputeOffs Us, M., str. MinOffset *none* PsaAgAn, EscProc, Ort. M. Igc *none* PsaAgAn, HarrqUPF_Us, M. str. X. Us, 192 *none* PsaAgAn, HwTrqUPF_Us, M. str. X. Us, 192 *none* PsaAgAn, HwTrqUPF_Us, M. str. X. Us, 192 *none* PsaAgAn, MinVelLPF_Us, M. str. X. Us, 192 *none* PsaAgAn, PinionTrqUPF_Us, M. str. X. Us, 192 *none* PsaAgAn, PrevSnstMod, Ont, M. enum *none* PsaAgAn, ResetEsc, Crt. M. Mgc *none* PsaAgAn, Strint, Crt. M. Mgc *none* PsaAgAn, UsedOffs, Us, M. str. MinOffset *none* PsaAgAn, UsedOffs, Us, M. str. MinOffset *none* PsaAgAn, UsedO	PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	*none*
PsaAgAn_ComputeOffs_UIs_M_str.MinOffset *none* PsaAgAn_ComputeOffs_UIs_M_str.MinOffset *none* PsaAgAn_ComputeOffs_UIs_M_str.MinSrc none* PsaAgAn_ComputeOffs_UIs_M_str.MinSrc *none* PsaAgAn_EscOffsLCnLM_enum *none* PsaAgAn_EscProc_CnLM_Igc *none* PsaAgAn_HVTR(IPF_UIS_M_str.KV_UIS_132 *none* PsaAgAn_MINVELPF_UIS_M_str.KV_UIS_132 *none* PsaAgAn_MINVELPF_UIS_M_str.KV_UIS_132 *none* PsaAgAn_PinionTrqLPF_UIS_M_str.KV_UIS_132 *none* PsaAgAn_RelHWPosnVidToSeriCom_Cnt_M Igc *none* PsaAgAn_Str.KQ_Com_M_enum *none* PsaAgAn_Str.KQ_Com_M_enum *none* PsaAgAn_UIS_Str.KV_UIS_M_str.MinSrc *none*	PsaAgAn AgArbnOffsFltDetd Cnt M lgc	*none*
PsaAgAn_ComputeOffs_UIs_M_str.MinOffset 'none' PsaAgAn_ComputeOffs_UIs_M_str.Mis/Src 'none' PsaAgAn_ComputeOffs_UIS_M_str.Mis/Src 'none' PsaAgAn_EscOffsSt_Cnt_M_enum 'none' PsaAgAn_EscOffs_Cont_M_Igc 'none' PsaAgAn_hwrTrqLPF_UIs_M_str.X_UIs_f32 'none' PsaAgAn_hwrTrqLPF_UIS_M_str.X_UIS_f32 'none' PsaAgAn_hwrTrqLPF_UIS_M_str.X_UIS_f32 'none' PsaAgAn_PinionTrqLPF_UIS_M_str.X_UIS_f32 'none' PsaAgAn_PinionTrqLPF_UIS_M_str.X_UIS_f32 'none' PsaAgAn_PinionTrqLPF_UIS_M_str.X_UIS_f32 'none' PsaAgAn_PinionTrqLPF_UIS_M_str.X_UIS_f32 'none' PsaAgAn_ReltwPosnfoSeriCom_HwDeg_M_f32 'none' PsaAgAn_ReltwPosnfoSeriCom_Com_M_f0g 'none' PsaAgAn_ReltwPosnfoSeriCom_Com_Com_Com_M_f0g 'none' PsaAgAn_SeriMod_Cort_M_sum 'none' PsaAgAn_UsedOffs_UIS_M_str.MisoXf6te 'none' PsaAgAn_UsedOffs_UIS_M_str.MisoXf6te 'none' PsaAgAn_UsedOffs_UIS_M_str.MinOffset 'none' PsaAgAn_UsedOffs_UIS_M_str.MinMisoX 'none' PsaAgAn_UsedOffs_UIS_M_str.MinMisoX 'none'	PsaAgAn AgArbnOffsFlt Cnt M Igc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MixSrc *none* PsaAgAn_ComputedOffs_Uls_M_str.MixSrc *none* PsaAgAn_EscProc_Cnt_M_loc *none* PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_MtVelLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_MtVelLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_MYULF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.Muls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.Muls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.Muls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.Muls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.Muls_f32 *none* PsaAgAn_Rell+wPosnvidToSer(Com_HwDeg_M_f22 *none* PsaAgAn_SissMod_Cnt_M_enum *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MaxSis *none* PsaAgAn_UsedOffs_Uls_M_str.MaxSis *none*	PsaAgAn ComputedOffs Uls M str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc *none* PsaAgAn_EscOffsS_CnLM_enum *none* PsaAgAn_EscOffsS_CnLM_enum *none* PsaAgAn_EscOffsC_CnLM_lgc *none* PsaAgAn_EscOffs_Uls_M_str.K_Uls_f32 *none* PsaAgAn_HWTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_MirvelLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PervSnsfMod_Cnt_M_enum *none* PsaAgAn_RestMexorToSeriCom_I-MvDeg_M_f32 *none* PsaAgAn_Stinit_Cnt_M_lgc *none* PsaAgAn_Stinit_Cnt_M_lgc *none* PsaAgAn_Stinit_Cnt_M_lgc *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rt_Call_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_us_u32(ElapsedTime_us_u32(ElapsedTime_us_u32,ElapsedTime_us_u32,ElapsedTime_us_u32,ElapsedTim	PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_EscProc_Cnt_Mejor	PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_EscProc_Cnt_M_lgc *none* PsaAgAn_HWTqLPF_UIs_M_str.SV_UIs_f32 *none* PsaAgAn_HWTqLPF_UIs_M_str.K_UIs_f32 *none* PsaAgAn_MWTvelLPF_UIs_M_str.K_UIS_f32 *none* PsaAgAn_MWTvelLPF_UIS_M_str.K_UIS_f32 *none* PsaAgAn_PinionTrqLPF_UIS_M_str.K_UIS_f32 *none* PsaAgAn_PinionTrqLPF_UIS_M_str.K_UIS_f32 *none* PsaAgAn_PinionTrqLPF_UIS_M_str.K_UIS_f32 *none* PsaAgAn_PrevSnistMod_Ont_M_enum *none* PsaAgAn_ResetEsc_Cnt_M_lgc *none* PsaAgAn_Stint_Ont_M_lgc *none* PsaAgAn_Stint_Ont_M_lgc *none* PsaAgAn_UsedOffs_UIS_M_str.MaxCr *none* PsaAgAn_UsedOffs_UIS_M_str.MaxSrc *none* PsaAgAn_UsedOffs_UIS_M_str.MinSrc *none* Rie_Gall_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime_uS_u32(ElapsedTime_uS_u32(ElapsedTime_uS_u32) *target_Rie_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_us_u32_El	PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str. Ky Uis_f32 "none" PsaAgAn_HwTrqLPF_UIs_M_str. Ky Uis_f32 "none" PsaAgAn_MrVelLPF_UIs_M_str. Ky Uis_f32 "none" PsaAgAn_MrVelLPF_UIS_M_str. Ky Uis_f32 "none" PsaAgAn_PinionTrqLPF_UIS_M_str. Ky Uis_f32 "none" PsaAgAn_PinionTrqLPF_UIS_M_str. Ky Uis_f32 "none" PsaAgAn_PinionTrqLPF_UIS_M_str. Ky Uis_f32 "none" PsaAgAn_RelHwPosnVidToSeriCom_HwDeg_M_f32 "none" PsaAgAn_RelHwPosnVidToSeriCom_Cht_Migc "none" PsaAgAn_RelHwPosnVidToSeriCom_Cht_Migc "none" PsaAgAn_Sinnt_Cht_Migc "none" PsaAgAn_Sinnt_Ot_Migc "none" PsaAgAn_UsedOffs_Uis_M str. MixOffset "none" PsaAgAn_UsedOffs_Uis_M str. MixOffset "none" PsaAgAn_UsedOffs_Uis_M str. MixSrc "none" PsaAgAn_UsedOffs_Uis_M str. MixSrc "none" PsaAgAn_UsedOffs_Uis_M str. MixSrc "none" PsaAgAn_UsedOffs_Uis_M str. MixSrc "none" Ritinst_Ap_PsaAgArbn target_Rie_Call_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32_ElapsedTime K_PsaAgAn_AbsHwPosl.vil_HwDeg_f32 2 K_PsaAgAn_AbsHwPosl.vil_HwDeg_f32 <td>PsaAgAn_EscOffsSt_Cnt_M_enum</td> <td>*none*</td>	PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32 *none* PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32 *none* PsaAgAn_MtrVelLPF_UIs_M_str.K_UIS_f32 *none* PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIS_f32 *none* PsaAgAn_PrevSnstMod_Cnt_M_enum *none* PsaAgAn_RelHwPosnToSeriCom_HwDeg_M_f32 *none* PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_Igc *none* PsaAgAn_Rellesc_Cnt_M_Igc *none* PsaAgAn_ReseltEsc_Cnt_M_Igc *none* PsaAgAn_Noth Cnt_M_enum *none* PsaAgAn_Stlnit_Cnt_M_Igc *none* PsaAgAn_UsedOffs_UIS_M_str.MinOffset *none* RitIsIsIsIsIsI	PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 *none* PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 *none* PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_gc *none* PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_gc *none* PsaAgAn_SarsMod_Cnt_M_enum *none* PsaAgAn_Str.Mod_Cnt_M_enum *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MaxSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_us_u32(ElapsedTime) *tage_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_us_u32_ElapsedTime kt_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_us_u32_ElapsedTime *tage_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_us_u32_ElapsedTime k_PsaAgAn_DssPrec_HwDeg_f32 8 k_PsaAgAn_Abh_Posl-vl2_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_Ps	PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32 *none* PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIS_f32 *none* PsaAgAn_PinionTrqLPF_UIS_M_str.K_UIS_f32 *none* PsaAgAn_PersSnsrMod_Cnt_M_enum *none* PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 *none* PsaAgAn_RelHwPosnToSerICom_Cnt_M_lgc *none* PsaAgAn_RelHwPosnToSerICom_Cnt_M_lgc *none* PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn_Striit_Cnt_M_lgc *none* PsaAgAn_UsedOffs_UIs_M_str.MaxSffset *none* PsaAgAn_UsedOffs_UIs_M_str.MaxSfrse *none* PsaAgAn_UsedOffs_UIs_M_str.MinOffset *none* PsaAgAn_UsedOffs_UIs_M_str.MinSfc *none* PsaAgAn_UsedOffs_UIs_M_str.MinSfc *none* PsaAgAn_UsedOffs_UIs_M_str.MinSfc *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32(ElapsedTime_target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32_ElapsedTime_target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32_ElapsedTime_target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32_ElapsedTime_target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32_ElapsedTime_target_Rte_Inst_Ap_PsaAgArbn_Stream_target_Rte_Inst_Ap_PsaAgArbn_Stream_target_Rte_Inst_Ap_PsaAgArbn_Stream_target_Rte_Inst_Ap_PsaAgArbn_Stream_target_Rte_Inst_Ap_PsaAgArbn_Stream_target_Rte_Inst_Ap_PsaAgArbn_Stream_target_Rte_	PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 *none* PsaAgAn_PirovSnrMod_Cnt_M_enum *none* PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 *none* PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc *none* PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc *none* PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn_Sthiti_Cnt_M_lgc *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn k_CmnSystrqRatio_HwNmpMrNm_f32 8 k_PsaAgAn_DasHwPost_v12_HwDeg_f32 1 k_PsaAgAn_OffsDatlanitMaxOffs_HwDeg_f32 1630 <td>PsaAgAn_MtrVeiLPF_Uls_M_str.SV_Uls_f32</td> <td>*none*</td>	PsaAgAn_MtrVeiLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIIs_f32 *none* PsaAgAn_PrevSnsrMod_Cnt_M_enum *none* PsaAgAn_RelHwPosnVidToSeriCom_LMbeg_M_f32 *none* PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc *none* PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc *none* PsaAgAn_Stinit_Cnt_M_lgc *none* PsaAgAn_Stinit_Cnt_M_lgc *none* PsaAgAn_UsedOffs_UIs_M_str.MaxOffset *none* PsaAgAn_UsedOffs_UIs_M_str.MinOffset *none* Rt_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rt_PsaAgAn_AbsHwPost_VII_HwDeg_f32 18.9200001 k_PsaAgAn_AbsHwPost_VII_HwDeg_f32 1 k_PsaAgAn_OffsDataInifMANGfs_HwDeg_f32 1630 k_	PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum *none* PsaAgAn_RelHWPosnVidToSerlCom_LMUBg_M_f32 *none* PsaAgAn_ResetEsc_Cnt_M_igc *none* PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn_Stinit_Cnt_M_igc *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn target_Rte_inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrlm_f32 18.9200001 k_PsaAgAn_AbsHwPost_v1_HwDeg_f32 2 k_PsaAgAn_AbsHwPost_v1_HwDeg_f32 8 k_PsaAgAn_MinPrecFail_HwDeg_f32 1 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg M_f32 *none* PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc *none* PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn_Sthit_Cnt_M_lgc *none* PsaAgAn_UsedOffs_Uls_M_enum *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rte_Call_Ap_PsaAgArb_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Linst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 18.9200001 k_PsaAgAn_AbsHwPosLv12_HwDeg_f32 20 k_PsaAgAn_DshHwPosLv12_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_Ps	PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc *none* PsaAgAn_ResetEsc_Cnt_M_lgc *none* PsaAgAn_Sthid_Cnt_M_enum *none* PsaAgAn_Sthit_Cnt_M_lgc *none* PsaAgAn_UsedOffs_Uis_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uis_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uis_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uis_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uis_M_str.MinSrc *none* PsaAgAn_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) *target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime *target_Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 *target_Rte_Inst_Ap_PsaAgArbn k_PsaAgAn_AbsHwPost_v11_HwDeg_f32 20 k_PsaAgAn_AbsHwPost_v12_HwDeg_f32 8 k_PsaAgAn_DespPrec_HwDeg_f32 1 k_PsaAgAn_OffsDataInitiMaxOffs_HwDeg_f32 2 k_PsaAgAn_OffsDataInitiMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitiMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitiMinSrc_Dt_U08 <td< td=""><td>PsaAgAn_PrevSnsrMod_Cnt_M_enum</td><td>*none*</td></td<>	PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc *none* PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_SnaAgAn_AbsHwPost_v1L_HwDeg_f32 18.9200001 k_PsaAgAn_AbsHwPost_v12_HwDeg_f32 8 k_PsaAgAn_AbsHwPost_v12_HwDeg_f32 8 k_PsaAgAn_MinPrecFail_HwDeg_f32 1 k_PsaAgAn_OffsDataInitfMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitfMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitfMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitfMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitfMinOffs_HwDeg_f32	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_SnsrMod_Cnt_M_enum *none* PsaAgAn_StInit_Cnt_M_lgc *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn_StylemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn_StylemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime k_PsaAgAn_AbsHwPosLv12_HwDeg_f32 target_Rte_Call_Ap_PsaAgArbn k_PsaAgAn_OffsDatalnitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDatalnitMinOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDatalnitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataln	PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_StInit_Cnt_M_lgc *none* PsaAgAn_UsedOffs_Uls_M_str.MaxOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_DsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime k_PsaAgAn_Abst_Mpost_v1z_HwDpg_f32 18.9200001 k_PsaAgAn_Abst_WPost_v1z_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMnOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMnCffs_HwDeg_f32 -1 k_PsaAgAn_OffsDataInitMnCffs_HwDeg_f32	PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* *none* *none* *none* *none* *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32 k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32 k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32 k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 c_1 c_1 c_2 c_3 c_4 c_5 c_6 c_6 c_7 c_7 c_7 c_7 c_7 c_7	PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32 k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32 k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_	PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 18.9200001 k_PsaAgAn_AbsHwPost_vl1_HwDeg_f32 20 k_PsaAgAn_AbsHwPost_vl2_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
k_CmnSysTrqRatio_HwNmpMtrNm_f32 18.9200001 k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32 20 k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
k_PsaAgAn_AbsHwPosLv1_HwDeg_f32 20 k_PsaAgAn_AbsHwPosLv12_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_AbsHwPosLv12_HwDeg_f32 8 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 10 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5	k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
	k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
1. Danka A. Vich Com (May May 4.1 Mr. Danka C. 600	k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
к_rsaAgAn_venCondwaxwitrvei_witrkadp5_r32	k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978

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Name	Input Value		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	*none*		
target_rsaAgArbn_rer1_AlignedCulfilivecrilivit Posstatus_Cit_uoo.value	8771.28906		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	243		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	162.672104		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29		
target PsaAgArbn Per1 HwTorque HwNm f32.value	0.125799999		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-880.918213		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1421.07214		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-711.723328		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.45739985		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.524002		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_Elapsed	e 3294668016		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enur			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_ull	target PsaAgArbn Per1 EscAckFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_k		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	/ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
Name			
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0	0	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0 0 0	0 0 0	•
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0 0 0 0	0 0 0 0	•
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0 0 0 0	0 0 0 0	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0 0 0 0 0	0 0 0 0 0	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 0 0 0 0 0 0 0 PSAAGAN_DEFECT	0 0 0 0 0 0 0 PSAAGAN_DEFECT	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.Sv_Uls_f32	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0 0	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0 0	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0	0 0 0 0 0 0 0 PSAAGAN_DEFECT 0	

target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

2018-03-03, 17:42:20+0530



Actual Value Expected Value PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_StInit_Cnt_M_lgc 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc n 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 1630 1630 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ -1630 -1630 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 n ソソソソソソ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value n n target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 ± 1e-05 0 $target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value$ 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 $target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value$ 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 ± 1e-05 $target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value$ -711.723328 -711.723328 ± 0.00001

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

0

0

0 ± 1e-05

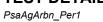
0

Test Step 2.47 (Repeat Count = 1) ✓			
Name	Input Value		
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*		
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*		
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*		
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*		
PsaAgAn_EscProc_Cnt_M_lgc	*none*		
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*		
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*		
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*		
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*		
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*		
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*		
PsaAgAn_SnsrMod_Cnt_M_enum	*none*		
PsaAgAn_StInit_Cnt_M_lgc	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*		
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		





Name	Input Value		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0 -1630		
k PsaAgAn OffsDataInitMinSrc Cnt u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbeltHwAuthyY_UIs_u1p15[0]	32768 32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1] t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[3]	0		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc target Pim PsaAgArbnLrndOffsData.MinSrc	*none* *none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	14		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4695.85889		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	49		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-457.416687		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.2049007		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	5.91480017 361.448395		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1862.66614		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1533.99146		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.70879984		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	277.293213		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		2	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_ target_PsaAgArbn_Per1_AbsltHwPosnPreci		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	- 0-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hwl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechI	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	· · · ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt I target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscDataVldFromS target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_t			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl	_ ·-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToS target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	





Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1533.99146	1533.99146 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 2.48 (Repeat Count = 1)	√
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_Stlnit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*





Nama	Inneré Value
Name PegAgAn LicedOffe Lile M etr MaySre	Input Value *none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768 32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	32768 0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsithwAutityT_Dis_u1p15[5]	0
t PsaAgAn AbsittwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	95
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1841.43188
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	58
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-529.587524
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	8.23379993 -127.385696
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2478.42212
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.846800029
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1173.96448
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	269.079498
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1652746711
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_Hw1orque_Hwnm_t32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Peri_Hwi orque_Hwnm_f32 target_PsaAgArbn_Peri_MtrVelCRF_MtrRadpS_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc



PsaAgA	rbn_P	er
Name		

Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSp	peed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsDa	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~	
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~	
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.846800029	0.846800029 ± 1e-05	~	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1173.96448	-1173.96448 ± 0.00001	~	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.49 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*





Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	*none* *none*
PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn SnsrMod Cnt M enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn UsedOffs Uls M str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	-1630 0
k_PsaAgAn_OffsetPolarity HwDeg f32	-1
k_PsaAgAn_OnsetPolarity_HwDeg_132 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	-1 0.5
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.00999999978
k PsaAgAn VehCondMaxPinTrq HwNm f32	0.69999988
k_PsaAgAn_vehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t PsaAgAn AbsltHwAuthyY Uls u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbn_rndOffsData.MinSrc	*none* 2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3753.67407
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	10
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	0
target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt Igc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-426.326294
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.0195007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.90569997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1116.74255
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2390.021
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1064.27576
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	180.439194
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4227659899
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32 target_PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AusitnwPosti_nwDeg_i32 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	
$target\ Rte\ Inst\ Ap\ PsaAgArbn.PsaAgArbn\ Per1\ EscOffsFromSerlCom\ HwDeg\ f$ $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE$	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32





Input Value		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDegf32	
target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Pim_PsaAgArbnLrndOffsData		
Actual Value	Expected Value	Result
0	0	~
0	0	~
0	0	~
0	0	~
0	0	~
0	0	✓
0	0	~
PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
0	0	~
0	0	~
0	0	~
0	0	~
PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
0	0	~
0	0	~
0	0	~
PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
1	1	~
0	0	~
0	0	~
0	0	~
0	0	✓
1630	1630	~
-1630	-1630	~
0	0	~
0	0	~
0	0	~
0	0	~
0	0 ± 1e-05	~
0	0	~
0	0	~
7	7	~
1	1 ± 1e-05	~
1064.27576	1064.27576 ± 0.00001	~
0	0 ± 1e-05	~
0	0	~
	target_PsaAgArbn_Per1_MtrVelCRF_MtrRactarget_PsaAgArbn_Per1_RelHwPos_HwDegtarget_PsaAgArbn_Per1_RelHwPosnToSerlotarget_PsaAgArbn_Per1_RelHwPosnVldToStarget_PsaAgArbn_Per1_SensorlessAuthorittarget_PsaAgArbn_Per1_SensorlessAuthorittarget_PsaAgArbn_Per1_SensorlessHwPostarget_PsaAgArbn_Per1_TorqueCmdCRF_Mtarget_PsaAgArbn_Per1_VehicleSpeedValidtarget_PsaAgArbn_Per1_VehicleSpeed_Kphtarget_PsaAgArbn_Per1_VehicleSpeed_Kphtarget_Pim_PsaAgArbnLmdOffsDataActual Value 0 0 0 0 0 PSAAGAN_DEFECT 0 0 0 PSAAGAN_MODFAIL 1 0 0 0 PSAAGAN_MODFAIL 1 0 0 0 0 1630 -1630 0 0 0 0 7 1 1064.27576 0	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosTrOSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosNIdToSerlCom_Cnt_lgc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_kipt_f32 target_PsaAgArbn_Per1_VehicleSpeed_kipt_f32 target_Pim_PsaAgArbn_IndOffsData **Actual Value** Comparison

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.50 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsItHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*





Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none* *none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_Stinit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset	*none* *none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5 0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k PsaAgAn VehCondMinTi mS u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc target Pim PsaAgArbnLrndOffsData.MinSrc	*none* *none*
target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	73
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	-8609.37109
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	73
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1030.33142
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.39339995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.05879974
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	947.092896
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	75.5205002
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-197.374298
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.96540022
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1 498.203888
target_PsaAgArbn_Per i_veriicieSpeed_kpri_isz.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om Cnt Igc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn AgArbnOffsFlt Cnt M Igc	0	0	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	•
PsaAgAn EscProc Cnt M Igc	0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	-
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn UsedOffs Uls M str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	-
target Pim PsaAqArbnLrndOffsData.MaxSrc	0	0	
0 0	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	
target PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc.value	0	0	-
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target PsaAgArbn Per1 AbsitHwPosnVld Cnt Igc.value	0	0	-
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	0	0	
target_PsaAgArbn_Per1_AbsitnwPost1_nwbeg_152.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	-
	1	1 ± 1e-05	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value target_PsaAgArbn_Per1_HandwheelPosition_HwDeq_f32.value	-197.374298		-
0 = 0 = = = = 0=	-197.374298 0	-197.374298 ± 0.00001	7
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value		0 ± 1e-05 0	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	U	_

Fest Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	•
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~



	J.
PasAgAn AbatherPoschUZ CM M ys PasAgAn AgAthorDiffill CM M ys PasAgAn AgAthorDiffill CM M ys PasAgAn AgAthorDiffill CM M ys PasAgAn ComputeOffs, Us M at 84MSOffset none* PasAgAn Lest Proc. CM M ys PasAgAn MYNGLEP LUS M at 85 M ys M ys PasAgAn MYNGLEP LUS M at 85 M ys M ys PasAgAn MYNGLEP LUS M at 85 M ys M ys PasAgAn MYNGLEP LUS M at 85 M ys M ys PasAgAn MYNGLEP LUS M at 85 M ys M ys PasAgAn MYNGLEP LUS M at 85 M ys M ys PasAgAn MYNGLEP LUS M at 85 M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys M ys PasAgAn MYNGLEP LUS M ys M ys M ys PasAgAn MYNGLEP LUS M ys PasAgAn MYNGLEP LUS M ys PasAgAn MYNGLEP LUS M ys Pa	
PasAgn AgAPtriOFFIEIDED CH, M, jp PasAgn AgAPtriOFFIE CH, M, jp PasAgn AgAPtriOFFIE CH, M, jp PasAgn Ag ComputeOFIS, U.S. Ag M MINORE PasAgn ESCRIPS, Cot M, Jp PasAgn H M M M M M M M M M M M M M M M M M M	
PasAgha, Aghthrodiffell, U.M. Just MacOffset none* PasAgha, Computations, U.S. Just MacOffset none* PasAgha, ESO/RSC, Crit M, unum none* PasAgha, LeSO/RSC, Crit M, unum none* PasAgha, Harright, P.U.B. M, ser XU, Us. 122 none* PasAgha, Harright, P.U.B. M, ser XU, Us. 122 none* PasAgha, Harright, P.U.B. M, ser XU, Us. 122 none* PasAgha, Markell, P.U.B. M, ser XU, Us. 122 none* PasAgha, Markell, P.U.B. M, ser XU, Us. 122 none* PasAgha, Markell, P.U.B. M, ser XU, Us. 122 none* PasAgha, Precinity P.U.B. M, ser XU, Us. 122 none* PasAgha, Precinity P.U.B. M, ser XU, Us. 122 none* PasAgha, Relief MacOffset U.B. M, ser XU, Us. 122 none* PasAgha, Relief MacOffset U.B. M, ser XU, Us. 122 none* PasAgha, Relief MacOffset U.B. M, ser XU, Us. 122 none* PasAgha, Relief MacOffset U.B. M, ser XU, Us. 122 none* PasAgha, Relief MacOffset U.B. M, ser XU, Us. 122 none* PasAgha, Relief MacOffset U.B. M, ser XU, Us. 122 none* PasAgha, Relief MacOffset U.B. M, ser XU, Us. 122 none* PasAgha, U.B. Cott M, U.B. U.B. M. Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, U.B. M, ser XI Moffset none* PasAgha, U.B. Cott M, Ser XI M, ser	
PiasAgAn ComputeOffs U. M. 37 MinOffset none* PiasAgAn ESOTISS Cort. M. sum none* PiasAgAn ESOTISS Cort. M. sum none* PiasAgAn HarTos F. U. M. 37 K. U. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F. U. M. 37 K. W. M. 22 none* PiasAgAn HarTos F.	
PasAgAn ComputeOffs Lis. M. str MinSrc	
PaadgAn ComputeOffs Us M. st MinSrs PaadgAn Escotifists Crit M. Jesum PaadgAn Hintre P. Jesum J. St V. Jesum PaadgAn Escotifists Crit M. Jesum PaadgAn Escotifists Crit M. Jesum PaadgAn Hintre P. Jesum J. St V. Jesum PaadgAn PaadgAn Participate P. Jesum J. St V. Jesum PaadgAn Participate P. Jesum J. Jesum P. Jesum P	
PaaAgAn ComputeOffic Us M, str MinStr PaaAgAn EscProc Cnt M, Up PaaAgAn EscProc Cnt M, Up PaaAgAn MTVTCLPF Us M, str XU Us, St2	
PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 102 1000e* PashQAn Partic PE Us M at SV Us 1000e* PashQAn Partic PE Us M at SV Us 1000e* PashQAn Partic PE Us M at SV Us 1000e* PashQAn Partic PE Us M at SV Us 1000e* PashQAn Partic PE Us M at SV Us 1000e* PashQAn Partic PE Us M at SV Us 1000e* PashQAn UsedOffs Us M St MinOffset 1000e* PashQAn Data Partic PE Us Used 1000e* PashQAn Data Partic PE Us U	
PasAgAn, NWTGLPF UIS M, str. SV, UIS, 122 10000° PasAgAn, NMTVELPF UIS M, str. SV, UIS, 122 10000° PasAgAn, NMTVELPF UIS M, str. SV, UIS, 122 10000° PasAgAn, PINOTTCLPF UIS M, str. SV, UIS, 122 10000° PasAgAn, PINOTTCLPF UIS M, str. VIS, 122 10000° PasAgAn, Rell-WorsonToSericom, In-NDeg, M, 122 10000° PasAgAn, Rell-WorsonToSericom, In-NDeg, M, 122 10000° PasAgAn, Reself-Reserved, UIS M, 10000° PasAgAn, Reself-Reserved, UIS M, 10000° PasAgAn, Neself-Reserved, UIS M, 10000° PasAgAn, UsedOTTS, UIS, M, str. MINOTSet 10000° PasAgAn, USedOTTS, UIS, M, str. VIS, UIS, UIS, UIS, UIS, UIS, UIS, UIS, U	
PasAgAn_HwTe(IP_Us_M_str.V_Us_52	
PaadqAn, MtVeLPF_UIs_M_str_X_UIs_122	
PsaAgAn_PinlonTroLPF_UIS_M_str.K_UIS_132 none* PsaAgAn_PinlonTroLPF_UIS_M_str.K_UIS_132 none* PsaAgAn_PinlonTroLPF_UIS_M_str.K_UIS_122 none* PsaAgAn_RehtwPosnYotToSenCom_LM_go none* PsaAgAn_RehtwPosnYotToSenCom_Cnt_M_go none* PsaAgAn_RehtwPosnYotToSenCom_Cnt_M_go none* PsaAgAn_RestEss_Cnt_M_lgo none* PsaAgAn_Sinst_Cnt_M_go none* PsaAgAn_Sinst_Cnt_M_go none* PsaAgAn_USenCitS_UIS_M_str.MaxOffset none* PsaAgAn_UsenCitS_UIS_M_str.MaxOffset none* PsaAgAn_UsenCitS_UIS_M_str.MaxSic none* PsaAgAn_UsenCitS_UIS_M_str.MaxSic none* PsaAgAn_UsenCitS_UIS_M_str.MaxSic none* PsaAgAn_UsenCitS_UIS_M_str.MaxSic none* RE_call_AP_saAgAtn_SystemTime_DimmElapsedTime_uS_u32(ElapsedTime_uS_u32	
PasAgAn_PinionTrqLPF_UIs_M_str K_UIs_132	
PsaAgAn, Prioritriq IFE LIS, M. str K, Uis_92 *none* PsaAgAn, PrevSnrivid Cort, M. enum *none* PsaAgAn, RelHwPosnrivid SeriCom, Litw Lige *none* PsaAgAn, RelHwPosnrivid SeriCom, Cnt, M. Ige *none* PsaAgAn, RelHwPosnrivid SeriCom, Cnt, M. Ige *none* PsaAgAn, SeriMod, Cnt, M. enum *none* PsaAgAn, Starkhod, Cnt, M. enum *none* PsaAgAn, UsedOffs, Uis, M. str Alinoffset *none* Rte, Call, A. p. PsaAgArbon systemTime_DtrimElapsedTime_US_U32_ElapsedTim Rte, Call, A. p. PsaAgArbon systemTime_DtrimElapsedTime_US_U32	
PsaAgAn_RelHwPosnToSerCom_HwDeg_M_52	
PsaAgAn, RelHwPosnYdToSeriCom_HwDeg_M_132 *none* PsaAgAn, RelHwPosnYdToSeriCom_Crit_M_1ge *none* PsaAgAn, SestRec_Crit_M_1ge *none* PsaAgAn, SintMod_Crit_M_enum *none* PsaAgAn, SintMod_Crit_M_enum *none* PsaAgAn, UsedOffs_Uis_M_str_MaxOffset *none* PsaAgAn, UsedOffs_Uis_M_str_MaxSrc *none* Rise_Call_Ap_PsaAgAfan_UsedOffs_Uis_M_str_MaxSrc *none* Rise_Call_Ap_PsaAgAfan_SystemTime_DiffmeElapsedTime_us_u32(ElapsedTime_us_u32(ElapsedTime_us_u32) target_Rise_Inst_Ap_PsaAgAfan Rise_Inst_Ap_PsaAgAfan_Diffsett_Minst_Minst_Inst_Cr_Uis_US_UIS_UIS_UIS_UIS_UIS_UIS_UIS_UIS_UIS_	
PaaAgAn, Resettesc_Crit_Milgc	
PsaAgAn, Roselface, Cril, M. Jegn "none" PsaAgAn, Sinsthod, Crit, M. enum "none" PsaAgAn, Sinthic, Crit, M. Jegn "none" PsaAgAn, UsedOffs, Uls. M. str. MixOffset "none" REC_Call A.D. PsaAgArbin "none" Rte_Call A.D. PsaAgArbin target, Rte_Call_A.D. PsaAgArbin_SystemTime_DtrimnElapsedTime_uS_u32_ElapsedTime_us_u32_ElapsedTime_	
PsaAgAn_Sinti_Cnt_M_lgc	
PsaAgAn_Stinit_Cnt_M_Igc "none" PsaAgAn_UsedOffs_UIs_M_str.MaxOffset "none" PsaAgAn_UsedOffs_UIs_M_str.MinOffset "none" PsaAgAn_UsedOffs_UIS_M_str.MinSrc "none" PsaAgAn_UsedOffs_UIS_M_str.MinSrc "none" PsaAgAn_UsedOffs_UIS_M_str.MinSrc "none" PsaAgAn_UsedOffs_UIS_M_str.MinSrc "none" Rt_Call_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32_Elap	
PsaAgAn_UsedOffs_Uis_M_str_MinOffset	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* PsaAgAn_UsedOffs_Uls_M_str.MinSrc *none* Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32(ElapsedTime) target_Rte_Inst_Ap_PsaAgArbn Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn K_CmnSysTrqRatb_HNVmpMtrIm_f32 18.9200001 k_PsaAgAn_AbsHwPosLvtl_HwDeg_f32 20 k_PsaAgAn_Sherbe_HwDeg_f32 8 k_PsaAgAn_DffsDatainIMASrGfs_IwDeg_f32 1 k_PsaAgAn_OffsDatainIMMSrCfs_IwDeg_f32 1630 k_PsaAgAn_OffsDatainIMMnorfs_IwDeg_f32 -1630 k_PsaAgAn_OffsDatainIMMnorfs_IwDeg_f32 -1630 k_PsaAgAn_OffsDatainIMMnorfs_IwDeg_f32 -1630 k_PsaAgAn_OffsDatainIMMnorfs_IwDeg_f32 -1 k_PsaAgAn_OffsDatainIMMnorfs_IwDeg_f32 -1 k_PsaAgAn_VebCondMaxHwTel_HwNm_f32 0.5 k_PsaAgAn_VebCondMaxHwTel_HwNm_f32 0.699999998 k_PsaAgAn_VebCondMaxVelSpd_Kpl_f32 3 k_PsaAgAn_VebCondMaxVelSpd_Kpl_f32 3 k_PsaAgAn_DshtHwAuthyy_Uls_urp15[1] 32768 t_PsaAgAn_AbshtHwAuthyy_Uls_urp15[2] 0	
PsaAgAn_UsedOffs_Uis_M_str.MaxSrc	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime target_Rte_Call_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_P	
Rte_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32 18.9200001 k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32 20 k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32 8 k_PsaAgAn_MinPrecFail_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 1630 k_PsaAgAn_OffsDataInifMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInifMimSrc_Cnt_u08 0 k_PsaAgAn_OffsChodMaxHwTrq_HwMm_f32 1 k_PsaAgAn_OffsChodMaxHwTrq_HwMm_f32 0.5 k_PsaAgAn_VehCondMaxHmTrq_HwMm_f32 0.0099999988 k_PsaAgAn_VehCondMaxHmTrq_Hwm_f32 2.06 k_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0] 32768 k_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0] 32768 k_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[3] 0 k_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1] 10	
k_CmnSysTrqRatio_HwNmpMtrNm_f32 18.9200001 k_PsaAgAn_AbsHwPost_VI_HwDeg_f32 20 k_PsaAgAn_AbsHwPost_VI_HwDeg_f32 8 k_PsaAgAn_MinPrecFail_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsCondMaxMtrTq_HwNm_f32 0.5 k_PsaAgAn_VehCondMaxMtrVel_MtradpS_f32 0.0099999978 k_PsaAgAn_VehCondMaxVehSpd_Kph_f62 3 k_PsaAgAn_VehCondMaxVehSpd_Kph_f62 3 k_PsaAgAn_AbsItHwAuthyY_UIs_u1p15(0) 32768 L_PsaAgAn_AbsItHwAuthyY_UIs_u1p15(3) 0 L_PsaAgAn_AbsItHwAuthyY_UIs_u1p15(3) 0 L_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0(1) 0	ne
k_PsaAgAn_AbsHwPost_VI2_HwDeg_I32 20 k_PsaAgAn_AbsHwPost_VI2_HwDeg_I32 8 k_PsaAgAn_DesPrec_HwDeg_I32 1 k_PsaAgAn_MinPrecFail_HwDeg_I32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_I32 1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_VehCondMaxHirt_Hwhm_f32 0.5 k_PsaAgAn_NelCondMaxHirt_Hwhm_f32 0.699999988 k_PsaAgAn_NelCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_NelCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_NelCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_NelCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_NelC	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32 1 k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MinPrecFail_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsePolarity_HwDeg_f32 -1 k_PsaAgAn_OffsePolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxWirVel_MirRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_Hwbm_f32 0.6999999988 k_PsaAgAn_VehCondMinT_mS_u32 200 k_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0] 32768 t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[2] 0 t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[3] 0 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3] 25 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MinSrc *none*	
k_PsaAgAn_EpsPrec_HwDeg_f32 1 k_PsaAgAn_MimPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMixOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_VerbCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VerbCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VerbCondMaxPimTrq_HwNm_f32 0.6999999988 k_PsaAgAn_VerbCondMinTi_mS_u32 200 k_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0] 32768 k_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1] 32768 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2] 0 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[3] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MaxOffset *none* target_Pim_PsaAgArbnLmdOffsData.MinSrc *none* target_Pim_PsaAgArbnLmdOffsData.MinSrc	
k_PsaAgAn_MinPrecFail_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMinAxOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinOffs_Lu08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VehCondMaxHwTeq_MtrRadps_f32 0.0099999998 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_VehCondMinTri_mS_u32 200 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0] 32768 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1] 32768 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* ta	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1 k_PsaAgAn_OffsDetaInitMinSrc_Cnt_u08 0 k_PsaAgAn_VehCondMinTinSrc_Cnt_u08 0 k_PsaAgAn_NebCondMaxMinTr_LHwNm_f32 0.699999998 k_PsaAgAn_NebCondMinTinSrc_LHwDf0[0] 32768 k_PsaAgAn_NebCondMinTinSrc_LHwDf0[0] 32768 k_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] 32768 k_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 k_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 k_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 k_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinOffs_Cnt_u08 0 k_PsaAgAn_OffsDetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.0099999978 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_VehCondMinTi_mS_u32 20 t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0] 32768 t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[1] 32768 t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[2] 0 t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[3] 0 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArtonLmdOffsData.MaxOffset *none* target_Pim_PsaAgArtonLmdOffsData.MinOffset *none* target_Pim_PsaAgArtonLmdOffsData.MinSrc *none* target_Pim_PsaAgArtonLmdOffsData.MinSrc *none* ta	
k_PsaAgAn_OffseDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffseDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffseDataInitMinSrc_Cnt_u08 -1 k_PsaAgAn_OffseDataInitMinSrc_Cnt_u08 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.00999999978 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.6999999988 k_PsaAgAn_VehCondMinTi_mS_u32 200 t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[0] 32768 t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none*	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.00999999978 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 k_PsaAgAn_VehCondMinTi_mS_u32 200 k_PsaAgAn_AbcltHwAuthyY_UIs_u1p15[0] 32768 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1] 32768 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2] 0 t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[3] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none*	
k_PsaAgAn_OffsetPolarity_HwDeg_f32 -1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VehCondMaxMitrVel_MtrRadpS_f32 0.00999999978 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 k_PsaAgAn_VehCondMinTi_mS_u32 200 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] 32768 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none*	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 k_PsaAgAn_VehCondMinTi_mS_u32 200 k_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* </td <td></td>	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_VehCondMinTi_mS_u32 200 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 k_PsaAgAn_VehCondMinTi_mS_u32 200 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
k_PsaAgAn_VehCondMinTi_mS_u32 200 t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0] 32768 t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[1] 32768 t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[2] 0 t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[3] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] 32768 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] 0 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[3] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLrndOffsData.MaxOffset *none* target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	
target_Pim_PsaAgArbnLrndOffsData.MinOffset *none* target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc *none* target_Pim_PsaAgArbnLrndOffsData.MinSrc *none* target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 16	
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 6591.03467	
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 42	
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 0	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 0	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0	
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 124.971703	
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 12.9891005	
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 6.86929989 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 675.728882	
target_PsaAgArbn_Per1_MitrveiCRF_mitrRadpS_132.value 675.728882 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 3094.19531	
target_PsaAgArbri_Per1_ReinwPos_nwDeg_loz.value 3094.19531 target_PsaAgArbri_Per1_SensorlessAuthority_Uls_f32.value 1	
target PsaAgArbn Per1 SensorlessHwPos HwDeg f32.value 1432.8009	
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value 0	
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 253.378799	
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse 4065016172	





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	0eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN	1trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0$	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
	target_PsaAgArbn_Per1_RelHwPos_HwDeg target_PsaAgArbn_Per1_RelHwPosnToSerl0	_	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target PsaAgArbn Per1 RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target PsaAgArbn Per1 SensorlessAuthorit		
target Rte Inst Ap PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthonty_ois_132 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos_	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target PsaAgArbn Per1 VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	92	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	- Nosuit
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	· ·
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	_
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	*
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	V
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	V
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc.value	0	0	V
target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_Igc.value	0	0 + 10 05	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0 0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_AgArbnSt10SenCom_Cnt_enum.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1432.8009	1432.8009 ± 0.00001	-
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	-
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~
0g			



est Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.52 (Repeat Count = 1)	Input Value
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
SaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
saAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
:_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
S PsaAgAn AbsHwPosLvl2 HwDeg f32	8
S PsaAgAn EpsPrec HwDeg f32	1
c_PsaAgAn_MinPrecFail_HwDeg_f32	2
	1630
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
c_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
<pre>c_r sdright====================================</pre>	0
:_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
<pre>c_r saxgAn_onsett olariy_nwbeg_rsz</pre> <pre>c_PsaAgAn_VehCondMaxHwTrq_HwNm_f32</pre>	0.5
: PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.00999999978
: PsaAgAn_venCondMaxPinTrq_HwNm_f32	0.69999988
rsaAgAri_vericondMaxFirrrq_rwivin_i32 _PsaAgAr_VehCondMaxVehSpd_Kph_f32	3
_PsaAgAn_VehCondMinTi_mS_u32	200
PsaAgAn AbsItHwAuthyY Uls u1p15[0]	32768
_ 0 _ / 1	
_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	





Input Value target_PsaAgArbn_Per1_AlignedReiHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_EscAckFromSeriCom_Ont_igc-value target_PsaAgArbn_Per1_EscAckFromSeriCom_Ont_igc-value target_PsaAgArbn_Per1_EscOffsFromSeriCom_Ont_igc-value target_PsaAgArbn_Per1_EscOffsFromSeriCom_Dom_igc-value target_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_ReiHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_ReiHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_Minn_f32.value 1194.71313 target_PsaAgArbn_Per1_TorqueCmdCRF_Minn_f32.value 1194.71313 target_PsaAgArbn_Per1_VehicleSpeed_Kipn_f32.value 1194.71313 target_PsaAgArbn_Per1_VehicleSpeed_Kipn_f32.value 1194.71313 target_PsaAgArbn_Per1_VehicleSpeed_Kipn_f32.value 1194.71313 target_PsaAgArbn_Per1_VehicleSpeed_Kipn_f32.value 1194.71313 target_PsaAgArbn_Per1_AbBathwPosn_Value 1105.8447815 target_PsaAgArbn_Per1_AbBathwPosn_Value 1106.447815 target_PsaAgArbn_Per1_AbBathwPosn_Value 1107.84848 1107.84848 1108	
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cn_u08.value 153 target_PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscDrisEna_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscDrisEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDrisEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDrisEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDrisEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDrisEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDrisEnionFromSeriCom_HwDeg_f32.value 1 target_PsaAgArbn_Per1_MtrVeiCRF_MtrRadps_f32.value 1 target_PsaAgArbn_Per1_MtrVeiCRF_MtrRadps_f32.value 1 target_PsaAgArbn_Per1_MtrVeiCRF_MtrRadps_f32.value 1 target_PsaAgArbn_Per1_SensoriesSAuthority_Uis_f32.value 0,73369977 target_PsaAgArbn_Per1_SensoriesSAuthority_Uis_f32.value 1 target_PsaAgArbn_Per1_SensoriesSAuthority_Uis_f32.value 1 target_PsaAgArbn_Per1_SensoriesSAuthority_Uis_f32.value 1 target_PsaAgArbn_Per1_SensoriesSAuthority_Uis_f32.value 1 target_PsaAgArbn_Per1_VerbicleSpeed_Valid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_VerbicleSpeed_Valid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_VerbicleSpeed_Valid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_VerbicleSpeed_Valid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_VerbicleSpeed_Valid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_VerbicleSpeed_Valid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_AbsIthwPosnLv1C_Cnt_lgc 1 target_PsaAgArbn_Per1_AbsIthwPosnLv1C_Cnt_lgc 1 target_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_AbsIthwPosnLv1C_Cnt_lgc 1 target_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_AbsIthwPosnPrecision_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsIthwPosnPrecision_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsIthwPosnLv1C_Cnt_lgc 1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsIthwPosnLv1C_Cnt_lgc 1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDrisSeriCom_Cnt_lgc 1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDrisSeriCom_Cnt_lgc 1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDrisSeriCom_Cnt_lgc 1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDrisSeriCom_Mbeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_P	
target_PsaAgArbn_Per1_EscDataVidFromSeriCom_Cnt_igc.value 0 target_PsaAgArbn_Per1_EscDiffsEra_Cnt_igc.value 0 target_PsaAgArbn_Per1_EscDiffsEra_Cnt_igc.value 0 target_PsaAgArbn_Per1_EscDiffsEra_Cnt_igc.value 0 target_PsaAgArbn_Per1_EscDiffsFromSeriCom_HwDeg_f32.value 1-234.60205 target_PsaAgArbn_Per1_HwTorque_HwNnr_182 value 1-258130002 target_PsaAgArbn_Per1_MirvelCRF_MirRadpS_f32.value 1117.08154 target_PsaAgArbn_Per1_MirvelCRF_MirRadpS_f32.value 2398.46118 target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value 2398.46118 target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value 1-1194.71313 target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value 1-1194.71313 target_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32.value 1-147580004 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_igc.value 1-147580004 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_igc.value 1-147580004 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_igc.value 1-147580004 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_igc.value 1-147580004 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnIv12_Cnt_igc 2-237537438 target	
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_inst_arget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_inst_arget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_inst_arget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsEna_Cnt_inst_arget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsEna_Cnt_inst_arget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsEna_Cnt_inst_arget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPsaAgArbn_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Ldgctarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsEna_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsEna_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_Psa	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsEna_Cnt_idectarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f1 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HitVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelRyler_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HitrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Itarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f1 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwLeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_RelHwPosnToSerlCom_HwDeg_target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData Name Actual Value Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_igc 0 0	Kesuit
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 0 0	✓
PsaAgAn AgArbnOffsFlt Cnt M lgc 0 0	-
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset 0 0 0	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset 0 0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0	~
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc 0 0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 0 0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	
PsaAgAn RelHwPosnToSerlCom HwDeg M f32 0 0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0	-
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0	✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	✓
PsaAgAn_Stlnit_Cnt_M_lgc 1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 terret Pim_ReaAgAhbal mdOffsDate MayOffset 1620	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630	
target_Pim_PsaAgArbnLrndOffsData.MinOffset -1630 -1630 target_Pim_PsaAgArbnI_rndOffsData_MaySrc 0 0	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 0	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 0	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.733699977	0.733699977 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1194.71313	-1194.71313 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

est Step 2.53 (Repeat Count = 1)	
ame	Input Value
saAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
saAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
saAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
saAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
saAgAn_EscOffsSt_Cnt_M_enum	*none*
saAgAn_EscProc_Cnt_M_lgc	*none*
saAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
saAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
saAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
saAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
saAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
saAgAn_PrevSnsrMod_Cnt_M_enum	*none*
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
saAgAn_ResetEsc_Cnt_M_lgc	*none*
saAgAn_SnsrMod_Cnt_M_enum	*none*
saAgAn_StInit_Cnt_M_lgc	*none*
saAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
saAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
saAgAn UsedOffs Uls M str.MaxSrc	*none*
saAgAn UsedOffs Uls M str.MinSrc	*none*
re_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)) target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
re_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrgRatio HwNmpMtrNm f32	18.9200001
PsaAgAn AbsHwPosLvl1 HwDeg f32	20
PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
PsaAgAn EpsPrec HwDeg f32	1
PsaAgAn MinPrecFail HwDeg f32	2
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
PsaAgAn OffsDataInitMaxSrc Cnt u08	0
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	-1
PsaAgAn VehCondMaxHwTrg HwNm f32	0.5
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn VehCondMaxVehSpd Kph f32	3
PsaAgAn VehCondMinTi mS u32	200
PsaAqAn AbsltHwAuthyY Uls u1p15[0]	32768
PsaAgAn_AbsithwAuthyY_UIs_u1p15[0]	32768
PsaAgAn_AbsithwAuthyY_UIs_u1p15[1]	0
PsaAgAn AbsithwauthyY Uls u1p15[3]	0
PsaAgAn_AbsithwAuthyY_bis_u1p15[3] PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[0]	0





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	*none*		
target_PsaAgArbn_Per1_AlignedCulliliveCllivitir-osStatus_Cllt_uoo.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2349.01611		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	72		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt Igc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-622.484497		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.3241997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.45689988		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	67.1789017		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1408.23035		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-301.268494 1.93439996		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.45940006		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvI1 (Cnt Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Iu	target_PsaAgArbn_Per1_EscAckFromSerlCcttarget_PsaAgArbn_Per1_EscDataVldFromSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToS target_PsaAgArbn_Per1_SensorlessAuthorit		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target PsaAgArbn Per1 SensorlessHwPos	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target PsaAgArbn Per1 TorqueCmdCRF M	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	-	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	· ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 PSAAGAN DEFECT	0 PSAAGAN DEFECT	~
PsaAgAn EscProc Cnt M Igc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	V
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	V
PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	2
. 54. (g. 1500000110_010_11_011.1110A010		1	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-301.268494	-301.268494 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•	
SnsrMon	1	SnsrMon	1	•	
SnsrSupv	1	SnsrSupv	1	~	
RecommendedState	1	RecommendedState	1	~	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~	
SwitchOffs	1	SwitchOffs	1	~	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	

Test Step 2.54 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978





		(J0
Name	Input Value		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9611.41406 186		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_rsaAgArbn_ren_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-415.338287		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.8812008		
target PsaAqArbn Per1 HwTorque HwNm f32.value	-1.77960002		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-475.391815		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-1191.08826		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.70539999		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-620.122192		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.04090023		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.45940006		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	e 4160173366		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	_ target_PsaAgArbn_Per1_AbsltHwPosnPreci	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscDataVldFromS target_PsaAgArbn_Per1_EscOffsEna_Cnt_l	*	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDec		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	VtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	J_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	,
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
		PSAAGAN DEFECT	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	_	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 0	0	•
PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0 0 0	0 0 0	
PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 0	0	•

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.70539999	0.70539999 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-620.122192	-620.122192 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 2.55 (Repeat Count = 1)	-
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1





Name	Input Value		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0 -1630		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	32768 0		
t_PsaAgAn_AbsittwAuthyY_UIs_u1p15[2]	0		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	*none* 177		
target PsaAgArbn Per1 AlignedCultiWechiviti Posstatus_Crit_ubo.value	10056.9639		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	154		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1596.66382		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.82009983		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.48289967 -769.405518		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2687.16284		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.537599981		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1054.4364		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.3032999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_ target_PsaAgArbn_Per1_AbsltHwPosnPreci		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hwl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechI	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	· · · ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscDataVldFromS target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_t			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensoriessAuthority_ois_is2 target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensoriessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0 0		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	

 $target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value$

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$

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Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.537599981	0.537599981 ± 1e-05	~
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	1054.4364	1054.4364 ± 0.00001	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

0

0

0 ± 1e-05

0

Test Step 2.56 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*

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Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	71
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3487.6311
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	500.52301
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.7982998 -0.526499987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1043.49927
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-1121.66125
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.81099999
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-721.545105
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.55340004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	511
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3709498361
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_AgarbnStToSerlCom_Cnt_enum_Ag$	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_RescDataVldFromSerlCom_Cont_Inst_RescDataVldFromSerlCom$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target Rte Inst An PsaAgArhn PsaAgArhn Dord Polluras Hurbon 123	Taigot_i sanghibii_r ei i_ixeii iwr os_nwbeg_isz
· · · · · · · · ·	target PsaAgArhn Per1 RelHwPosnToSerlCom HwDeg f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_$	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc

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PsaAgArbn_Per1

Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_Vehicle	eSpeed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsI	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target Pim PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.81099999	0.81099999 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-721.545105	-721.545105 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	-
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntolVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 2.57 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*





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Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	84
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3745.96289
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	141
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-636.214111
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.6037006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.85510004
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-297.875885
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-650.561523
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1065.25415
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	187.021805
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCF	RF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPo	os_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_ target_PsaAgArbn_Per1_RelHwPo	osnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cn	t_ target_PsaAgArbn_Per1_RelHwPd	osnVldToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_Sensorle	ssAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_Sensorle	ssHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueC	mdCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleS	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleS	peed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsDa	ata	
Name	Actual Value	Expected Value	Result
PsaAgAn AbsitHwPosnLvl2 Cnt M lgc	0	0	
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	✓
PsaAgAn AgArbnOffsFlt Cnt M Igc	0	0	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	✓
PsaAgAn ComputedOffs UIs M str.MinOffset	0	0	✓
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0	0	✓
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1065.25415	1065.25415 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

Test Step 2.58 (Repeat Count = 1) ✓	
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*

PsaAgArbn_Per1





Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none* *none*
	none
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn PrevSnsrMod Cnt M enum	*none*
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target Rte Inst Ap PsaAgArbn
:_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
x PsaAqAn AbsHwPosLvl1 HwDeg f32	20
:_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
x PsaAqAn EpsPrec HwDeg f32	1
:_rsaAgAn_HinPrecFail_HwDeg_f32	2
<pre>c_rsangAn_offsDataInitMaxOffs_HwDeg_f32</pre>	1630
:_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
S PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630
c_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
x_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
S PsaAgAn VehCondMaxHwTrg HwNm f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
S PsaAgAn VehCondMaxPinTrg HwNm f32	0.69999988
:_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
C PsaAgAn VehCondMinTi mS u32	200
_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[0]	32768
	32768
	0
	0
:_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0]	0
PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10
PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
PsaAqAn AbsltHwPosnPrecX HwDeg u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
arget Pim PsaAgArbnLrndOffsData.MinSrc	*none*
arget PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	176
arget_PsaAgArbn_Per1_AlignedCuffiliveClfilitinFosStatus_Clft_uoo.value	-8803.84277
arget PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	-6003.642 <i>11</i>
arget_PsaAgArbn_Fer1_CurinwechwitrosStatus_Crit_uoo.value	1
arget_PsaAgArbn_Per1_EscAckPromSeriCom_Cnt_igc.value	1
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
arget_FsaAgArbn_Fer1_EsconsEna_cnt_gc.value arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1171.16309
arget_PsaAgArbn_Per1_EsconsFromSerlCom_nwbeg_i32.value arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.5928001
arget_PsaAgArbri_Per1_EscPrecisionFromSenCom_nwbeg_i52.value	9.58759975
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	9.58759975 227.415497
arget_PsaAgArbn_Per1_mtrveiCkF_mtrkaops_t32.value arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-363.985992
arget_PsaAgArbn_Per1_ReiHwPos_HwDeg_t32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	-363.985992 0.000300000014
arget_PsaAgArbn_Per1_SensoriessAuthority_Uis_i32.value arget_PsaAgArbn_Per1_SensoriessHwPos_HwDeg_f32.value	0.000300000014 526.480103
	-8.20720005
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.20720005 1
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	68.9990005 3560124738
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Iq$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Inst_RelHwPosnVldToSe$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDegf32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn ComputedOffs Uls M str.MinOffset	0	0	_
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	_
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target PsaAgArbn Per1 AbsitHwPosnVld Cnt lgc.value	0	0	-
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.000300000014	0.000300000014 ± 1e-05	-
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	526.480103	526.480103 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•



Test Step 2.59 (Repeat Count = 1)	
	Innut Value
Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_igc	Input Value *none*
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn ComputedOffs Uls M str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none* *none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	32768 0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsittwAddity1_0is_u1p13[3]	0
t PsaAqAn AbsltHwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	63
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4376.09131
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	249
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-461.528809
target_PsaAgArbn_Per1_EscOrisProniseriCom_HwDeg_is2.value	21.5345001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.0539999
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1025.50598
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-322.399689
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1318.63086
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.67519999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	359.243286
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2040210240





Nama	Input Value		
Name target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	Input Value target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsittwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnVld (
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosn HwDeg f32	target PsaAgArbn Per1 AbsltHwPosn HwD		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum		-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_P$	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l	дс	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData	_102	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	ixesuit
PsaAgAn AgArbnOffsFitDetd Cnt M Igc	0	0	
PsaAgAn AgArbnOffsFlt Cnt M lgc	0	0	-
PsaAgAn ComputedOffs Uls M str.MaxOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	V
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	V
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbn_Por1_AbeltHwPospt_v11_Cot_loc_value	0	0	-
target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc.value target PsaAgArbn Per1 AbsitHwPosnLvI2 Cnt lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target PsaAgArbn Per1 AbsithwPosnVld Cnt Igc.value	0	0 ± 16-05	~
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	0	0	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	· •
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-1318.63086	-1318.63086 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•



Test Step Call Trace	est Step Call Trace				
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓	
SnsrMon	1	SnsrMon	1	•	
SnsrSupv	1	SnsrSupv	1	•	
RecommendedState	1	RecommendedState	1	•	
VehCondChk	1	VehCondChk	1	•	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•	
SwitchOffs	1	SwitchOffs	1	•	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓	

Input Value
none
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
target_Rte_Inst_Ap_PsaAgArbn
18.9200001
20
8
1
2
1630
0
-1630
0
-1
0.5
0.0099999978
0.69999988
3
200
32768
32768
0
0
0
10
25
1679
none
none *none*
none





Name	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	10056.9639		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	154		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1596.66382		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.82009983		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.48289967		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-769.405518		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2687.16284		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.537599981		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1054.4364		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.3032999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse		Ont Inc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_u		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_target_PsaAgArbn_Per1_AbsltHwPosnPrecis	_,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target PsaAgArbn Per1 EscAckFromSerlCo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_P$	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	<u>_</u> f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeiLPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc			•
1 3aAgAit_Reinwi 03ifvid 100eil00iii_Oit_ivi_ige			
PsaAgAn ResetEsc Cnt M Igc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0	0	
PsaAgAn_SnsrMod_Cnt_M_enum	0 0 PSAAGAN_MODFAIL	0 0 PSAAGAN_MODFAIL	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 0 PSAAGAN_MODFAIL 1	0 0 PSAAGAN_MODFAIL 1	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	0 0 PSAAGAN_MODFAIL 1	0 0 PSAAGAN_MODFAIL 1	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 0 PSAAGAN_MODFAIL 1 0	0 0 PSAAGAN_MODFAIL 1 0	•
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0 0 PSAAGAN_MODFAIL 1 0 0	0 0 PSAAGAN_MODFAIL 1 0 0	-
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0 0 PSAAGAN_MODFAIL 1 0 0 0	0 0 PSAAGAN_MODFAIL 1 0 0 0	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0	0 0 PSAAGAN_MODFAIL 1 0 0 0 0	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0 1630 -1630	0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0 0 1630	0
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0 1630 -1630	0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0 1630 -1630	0
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0 1630 -1630 0	0 0 PSAAGAN_MODFAIL 1 0 0 0 0 0 1630 -1630 0	0

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.537599981	0.537599981 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1054.4364	1054.4364 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

ame	Input Value
saAgAn AbsltHwPosnLvl2 Cnt M lgc	*none*
saAgAn AgArbnOffsFltDetd Cnt M Igc	*none*
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
saAgAn ComputedOffs Uls M str.MaxOffset	*none*
saAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
saAgAn ComputedOffs Uls M str.MaxSrc	*none*
saAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
saAgAn EscOffsSt Cnt M enum	*none*
saAgAn EscProc Cnt M Igc	*none*
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
saAgAn HwTrqLPF Uls M str.K Uls f32	*none*
saAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	*none*
aAgAn_MtrVeILPF_UIs_M_str.K_UIs_f32	*none*
saAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	*none*
saAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	*none*
saAgAn PrevSnsrMod Cnt M enum	*none*
saAgAn RelHwPosnToSerlCom HwDeg M f32	*none*
saAgAn_ReiHwPosnVldToSerlCom_Cnt_M_lgc	*none*
saAgAn ResetEsc Cnt M Igc	*none*
saAgAn SnsrMod Cnt M enum	*none*
:aAgAn_StInit_Cnt_M_lgc :aAgAn UsedOffs Uls M str.MaxOffset	*none* *none*
· · · · · · · · · · · · · · · · · · ·	*none*
saAgAn_UsedOffs_Uls_M_str.MinOffset	
saAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
aAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
e_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
e_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
PsaAgAn_EpsPrec_HwDeg_f32	1
PsaAgAn_MinPrecFail_HwDeg_f32	2
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
PsaAgAn_OffsetPolarity_HwDeg_f32	-1
PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
PsaAgAn_VehCondMinTi_mS_u32	200
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0





Pashquin Assistance Process (Modey 1990) 10 1994 1995 1994 1995 1994 1995 1994 1995 1994 1995 1994 1995 1	Name	Input Value		
Enseign	t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
Signer PhaselyAnthrundDisclass Assorbites **Core** **Core	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
Integer Ph. Paskytherhundfühles Aktische Integer Ph. Paskytherhundfühles Integer Integer Ph. Paskytherhundfühles Integer Integ	t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
Image Pape				
Indigst Paralgetine Para	· ·			
Langer PangAghon Part Augure Aller More Revealed 100	0 0			
Sign Papa/Ayth Part Jaminer Rehmber Hober D2 - value 00	· ·			
Bage ParkAgAnn Pert Earchifernose (Com. Com. Lipux value)				
Binger PasagAyth Per Eschalar/FormSericom Chil psycholar				
Image PankayAnn Pert Excitation Cit Journal				
Separation Peral Excitor				
target PalagAnn Pert Leitoresionerines				
1945 PaskyAhm Perl MrVeICRE MrKadeS E2 value 1943 A9927 1944 A940 1941 A	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	500.52301		
1-004-349072 1-204-349400, Pert Reht-York, Nabor, 192-value 1-216-8125 1-226-8125	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.7982998		
11216825	target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.526499987		
Stage PaskgArten Pert Semorieses/unbromy Using Cavales 1741545155				
target_PasAgArtin_Per1_SenoriesativNos_Hubog_fi22_value				
Image_Paskaphtin_Pert_TopiacChingCRF_Minhin_132.value 1				
Integred PasAgArbon Pert VehrickSpeed Valle Cit Special Specia				
target. Reit. Call. Ap. PsaaAgArbn. System Time. DitmoElapsed Time. Us. 322. Elapse target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/PosnLv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/PosnLv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/PosnLv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/PosnLv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Abstitht/Posnlv12. Cnt. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Excitrons. Reit. Com. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Escitrons. Reit. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Escitrons. Reit. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Escitrons. Reit. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Escitrons. Reit. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Escitrons. Invol. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Invol. Incl. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Invol. Incl. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Invol. Invol. Invol. Incl. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Invol. Invol. Invol. Incl. Igo target. Reit. Incl. Ap. PsaaAgArbn. Part. Invol. Invol. Invol. Incl. Invol.				
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large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_AbstithwPosn_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_AbstithwPosn_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_AbstithwPosn_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_AbstithwPosn_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_AbstithwPosn_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_Cnt_Igo large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_EscAckFromSeriCom_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_HandwheelAuthority_Uis_IGS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_HandwheelAuthority_Uis_IGS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_HandwheelAuthority_Uis_IGS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_ReithwPosnToSeriCom_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_ReithwPosnToSeriCom_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_ReithwPosnToSeriCom_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_ReithwPosnToSeriCom_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_ReithwPosnToSeriCom_HWDeg_RS2 large_RRe_Inst_Ap_PsaAgArthn_PsaAgArthn_Per1_VelnickSpeed_Int_Ints_ISSER_Ints_ISSER_Ints_ISSER_Ints_ISSER_Ints_ISSER_Ints_ISSER_INTS_ISSER_	· · · · · ·	_ , _ ,		
sizget_Ric_inst_Ap_PssaAgArbn_Pert_ApsthsPosn_HwDeg_132 target_Ric_inst_Ap_PssaAgArbn_Pert_AgndrenStroserCom_Cnt_enum target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_AignedComMechMMPossitatis_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_AignedComMechMMPossitatis_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_AignedComMechMMPossitatis_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_AignedComMechMMPossitatis_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_EscAckFromSertCom_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_EscAckFromSertCom_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_Pert_AscAgArbn_Pert_EscOffser_Com_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_Pert_EscOffser_Com_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_Pert_EscOffser_Com_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_Pert_EscOffser_Com_HwDeg_12 target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_EscOffser_Com_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_EscOffser_Com_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_EscOffser_Com_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_EscOffser_Com_Cnt_got_ target_Ric_inst_Ap_PssaAgArbn_PssaAgArbn_Pert_HandwheelPositon_HwDeg_132 target_Ric_inst_Ap_PssaAgArbn_Pert_AsagArbn_Pert_Mirbadags_132 target_Ric_inst_Ap_PssaAgArbn_Pert_Ric_in	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target, Rie, Inst. Ap. PsaAgArton, Pert. AgArtonSiroSeriCom. Ont. emu target, PsaAgArton, Pert. AgartonSiroSeriCom. Ont. emu target, PsaAgArton, Pert. Agarton PsaAgArton, Pert. AgartonSiroSeriCom. Ont. go: target, Rie, Inst. Ap. PsaAgArton PsaAgArton, Pert. Agarton MicroSiroCom. Ont. go: target, Rie, Inst. Ap. PsaAgArton PsaAgArton, Pert. EscoAsiroMeriCom. Ont. go: target, Rie, Inst. Ap. PsaAgArton PsaAgArton, Pert. EscoAsiroMeriCom. Ont. go: target, Rie, Inst. Ap. PsaAgArton PsaAgArton, Pert. EscoAsiroMeriCom. Ont. go: target, Rie, Inst. Ap. PsaAgArton, PsaAgArton, Pert. EscoAsiroMeriCom. Ont. go: target, Rie, Inst. Ap. PsaAgArton, PsaAgArton, Pert. EscoAsiroMeriCom. Ont. go: target, Rie, Inst. Ap. PsaAgArton, PsaAgArton, Pert. EscoPsiosiorCom. Hobog. 12 target, Rie, Inst. Ap. PsaAgArton PsaAgArton, Pert. EscoPsiosiorFromSeriCom. Hobog. 132 target, Rie, Inst. Ap. PsaAgArton PsaAgArton, Pert. HandwheelaMority, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. HandwheelaMority, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. HandwheelaMority, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. HandwheelaMority, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. HandwheelaMority, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. HandwheelaMority, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. HandwheelaMority, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. Hindwiser, MicroBag. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. Hindwiser, MicroBag. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. Hindwiser, MicroBag. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. Agarton, Pert. Riell-Worson Society, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. AgaArton, Pert. Riell-Worson Society, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. AgaArton, Pert. Riell-Worson Society, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. AgaArton, Pert. Riell-Worson Society, Us. IS. 22 target, Rie, Inst. Ap. PsaAgArton, Pert. PsaAgArton, Pert. Society, PsaAgArton, Pert. Society, PsaAgArton, Pert. Society, Psa	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	nt_lgc	
larget_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_AlignedCoumMechMitProStatus_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_AlignedCoumMechMitProStatus_Cnt_uid_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_DescAckFromSertCom_Cnt_uid_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSertCom_Cnt_uid_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSertCom_Cnt_uid_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSertCom_Cnt_uid_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSertCom_Cnt_uid_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSertCom_Cnt_uid_ target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSertCom_HvDeg_112 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAgArbn_PsaAgArbn_Pert_EscAgArbn_PsaAgArbn_Pert_EscAgArbn_PsaAgAr	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	eg_f32	
target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ CumMechthrPosStatus_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ CumMechthrPosStatus_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoAstromSertCom_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoAstromSertCom_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoTifsEna_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoTifsEna_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoTifsEna_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoTifsEna_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoTifsEna_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ EscoTifsEna_Cnt_uols target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ Handwheeduhority_uols_132 target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ Handwheeduhority_uols_132 target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ Handwheeduhority_uols_132 target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ Handwheeduhority_uols_132 target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ Handwheeduhority_uols_132 target, Rie. Inst. Ap. PsaAgArbn PsaAgArbn Pert _ RelHwPosinToSertCom_HwDeg_132 target, Rie. Inst. Ap. PsaAgArbn Pert _ SensoriessAuthority_uols_132 target, Rie. Inst. Ap. PsaAgArbn Pert _ SensoriessAuthority_uols_132 target, Rie. Inst. Ap. PsaAgArbn Pert _ SensoriessAuthority_uols_132 target, Rie. Inst. Ap. PsaAgArbn Pert _ VehicleSpeedVall _ Cnt_uols_2 target, Rie. Inst. Ap. PsaAgArbn Pert _ VehicleSpeedVall _ Cnt_uols_2 target, Rie. Inst. Ap. PsaAgArbn Pert _ VehicleSpeedVall _ Cnt_uols_2 target, Rie. Inst. Ap. PsaAgArbn Pert _ VehicleSpeedVall _ Cnt_uols_2 target, Rie. Inst. Ap. PsaAgArbn Pert _ VehicleSpeedVall _ Cnt_uols_2 target, Rie				
larget_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSeriCom_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSeriCom_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscAckFromSeriCom_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscOffsichae_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscOffsichae_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscOffsichae_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscOffsichae_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscOffsichae_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_EscOffsichae_Cnt_Ugc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_HandwheeleAuthority_Uis_122 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_HandwheeleAuthority_Uis_122 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_HandwheeleAuthority_Uis_122 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_HandwheeleAuthority_Uis_122 target_Rie_Inst_Ap_PsaAgArbn_PsaAgAr				
target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_EscAckFromSerlCom_Cnt_lgc target_Rie_Inst_Ap_PsaAgArbn_Psa				
target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_EscDataVidFromSerlCom_Cnt_igc target_Rie_Inst_Ap_PsaAgArbn_P		_ , _ ,		
target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_11 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_12 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HimPorey_HwDeg_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_Mirradep_Rig2 target_PsaAgArbn_Per1_HimPorey_HwDeg_132 target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_ReiHwPos_HwDeg_132 target_PsaAgArbn_Per1_HimPorey_HwDeg_132 target_PsaAgArbn_P				
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPftsFromSerlCom_HwDeg_f12 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCFR_MtrRadp5_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCFR_MtrRadp5_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HWDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HWDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HWDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HWDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HWDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSpeed_Kpn_f32 target_PsaAgArbn_Fer1_VehicleSp				
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn.Per1_RelHwPosnToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbn.McIndOffsData **Result PsaAgArbn.Per1_VehicleSpeed_Kph_f32 **target_PsaAgArbn.Per1_VehicleSpeed_Kph_f32	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn.Per1_RelHwPosnVldToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_forqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Pte_Inst_Ap_PsaAgArbn.Pin_PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn.Per1_VehicleSpeed_Kph_				
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PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 0 0 ✓ PsaAgAn_AgArbnOffsFit_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT ✓ PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MitrVeILPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL ✓			Expected Value	Result
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT ✓ PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓	PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc	0	0	~
PsaAgAn_ComputedOffs_Uls\str.MaxOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls\str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls\str.MaxSrc 0 0 ✓ PsaAgAn_ComputedOffs_Uls\str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_CntM_enum PSAAGAN_DEFECT PSAAGAN_DEFECT ✓ PsaAgAn_EscProc_CntM_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_UlsM_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVeILPF_UlsM_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_CntM_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓	PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT ✓ PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MitrVeILPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓	PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT ✓ PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓	PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT ✓ PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓				~
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL				~
PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓				
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓		_	_	· ·
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓				-
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL				-
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL				V
				~
				✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0				~
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0		0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓	PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_Stlnit_Cnt_M_lgc 1				~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0				~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0				V
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0	PSAAGAIT_USEGUTIS_UIS_M_Str.MaxSrc	U	U	

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

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Actual Value **Expected Value** PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 1630 1630 -1630 -1630 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 0 ± 1e-05 $target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value$ 0 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 $target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value$ n 0 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0.81099999 $target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value$ 0.81099999 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -721.545105 -721.545105 ± 0.00001 0 ± 1e-05 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value n

0

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

0

Test Step 2.62 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978

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Name	Input Value		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3 200		
k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	84		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3745.96289		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	141		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-636.214111		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	23.6037006		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.85510004		
target PsaAqArbn Per1 MtrVelCRF MtrRadpS f32.value	-297.875885		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-650.561523		
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1065.25415		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	187.021805		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps	e 14686		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2	_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDegArbn_PsaAgArbn$	target_PsaAgArbn_Per1_AbsltHwPosnPre	cision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hv		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enur			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_ui			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerI		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscDataVldFrom target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3:			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HwTorque_HwNr		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrR	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSe	rlCom_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldTc	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	rity_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f3222222222222222222222222222222222222$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVal		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	O DECAMENDATION	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_len	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	
	-	-	

PSAAGAN_MODFAIL

PsaAgAn_PrevSnsrMod_Cnt_M_enum

PSAAGAN_MODFAIL

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1

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Actual Value Expected Value PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_StInit_Cnt_M_lgc 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MaxSrc}$ n 0 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 1630 1630 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$ -1630 -1630 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 n ソソソソソソ target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value n n target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 ± 1e-05 0 $target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value$ 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 $target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value$ 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 ± 1e-05 $target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value$ 1065.25415 1065.25415 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 ± 1e-05 0

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

0

0

PsaAgArbn_Per1

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Test Case 3: PIM Range Test



Description Vector Description:

Vector Description:

TS3.1PsaAgAn_HwTrqLPF_UIs_M_str.SV==>Min
TS3.2PsaAgAn_HwTrqLPF_UIs_M_str.SV==>Max
TS3.3PsaAgAn_HwTrqLPF_UIs_M_str.SV=>Pos
TS3.4PsaAgAn_HwTrqLPF_UIs_M_str.SV=>Pos
TS3.5PsaAgAn_HwTrqLPF_UIs_M_str.SV=>Neg
TS3.6PsaAgAn_HwTrqLPF_UIs_M_str.SV=>Neg
TS3.6PsaAgAn_HwTrqLPF_UIs_M_str.K==>Min
TS3.7PsaAgAn_HwTrqLPF_UIs_M_str.K==>Max
TS3.8PsaAgAn_HwTrqLPF_UIs_M_str.K==>Pos
TS3.9PsaAgAn_MtrVeILPF_UIs_M_str.SV==>Min
TS3.10PsaAgAn_MtrVeILPF_UIs_M_str.SV=>>Max
TS3.11PsaAgAn_MtrVeILPF_UIs_M_str.SV=>>Pos
TS3.12PsaAgAn_MtrVeILPF_UIs_M_str.SV=>>Neg
TS3.13PsaAgAn_MtrVeILPF_UIs_M_str.SV=>>Neg
TS3.14PsaAgAn_MtrVeILPF_UIs_M_str.SV=>>Neg
TS3.15PsaAgAn_MtrVeILPF_UIs_M_str.K==>Min
TS3.16PsaAgAn_MtrVeILPF_UIs_M_str.K==>Max
TS3.16PsaAgAn_MtrVeILPF_UIs_M_str.SV=>>Max
TS3.16PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Max
TS3.19PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Neg
TS3.20PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Pos
TS3.21PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Neg
TS3.22PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Neg
TS3.22PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Neg
TS3.22PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Neg
TS3.22PsaAgAn_PinionTrqLPF_UIs_M_str.SV=>>Neg
TS3.23PsaAgAn_PinionTrqLPF_UIs_M_str.K=>Neg
TS3.23PsaAgAn_PinionTrqLPF_UIS_M_str.K=>Neg
TS3.24PsaAgAn_PinionTrqLPF_UIS_M_str.K=>Neg
TS3.25Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Neg
TS3.28Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset=>>Pos
TS3.29Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset=>>Pos TS3.28Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Zero TS3.29Rte_Pim_PsaAgArbnLrndOffsData.MaxOffset==>Neg TS3.30Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Min TS3.31Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Max TS3.32Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Pos TS3.33Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Zero TS3.34Rte_Pim_PsaAgArbnLrndOffsData.MinOffset==>Neg TS3.35Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Min TS3.36Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Max TS3.37Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Pos TS3.38Rte Pim_PsaAgArbnLrndOffsData.MinSrc==>Min TS3.39Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Max TS3.40Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Pos TS3.41PsaAgAn_UsedOffs_UIs_M_str.MaxOffset==>Min TS3.42PsaAgAn_UsedOffs_UIs_M_str.MaxOffset==>Max TS3.43PsaAgAn_UsedOffs_UIs_M_str.MaxOffset==>Pos TS3.44PsaAgAn_UsedOffs_Uls_M_str.MaxOffset==>Zero TS3.45PsaAgAn_UsedOffs_UIs_M_str.MaxOffset==>Neg TS3.46PsaAgAn_UsedOffs_UIs_M_str.MinOffset==>Min TS3.47PsaAgAn_UsedOffs_UIs_M_str.MinOffset==>Max TS3.48PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Pos TS3.49PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Zero TS3.50PsaAgAn_UsedOffs_Uls_M_str.MinOffset==>Neg TS3.51PsaAgAn_UsedOffs_Uls_M_str.MaxSrc==>Min TS3.52PsaAgAn_UsedOffs_Uls_M_str.MaxSrc==>Max TS3.53PsaAgAn_UsedOffs_Uls_M_str.MaxSrc==>Pos TS3.54PsaAgAn_UsedOffs_Uls_M_str.MinSrc==>Min TS3.55PsaAgAn_UsedOffs_Uls_M_str.MinSrc==>Max TS3.56PsaAgAn_UsedOffs_Uls_M_str.MinSrc==>Pos TS3.57PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset==>Min TS3.58PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset==>Max TS3.59PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset==>Pos TS3.60PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset==>Zero TS3.61PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset==>Neg TS3.62PsaAgAn_ComputedOffs_UIs_M_str.MinOffset==>Min TS3.63PsaAgAn_ComputedOffs_UIs_M_str.MinOffset==>Max TS3.64PsaAgAn_ComputedOffs_UIs_M_str.MinOffset==>Pos TS3.65PsaAgAn_ComputedOffs_UIs_M_str.MinOffset==>Zero TS3.66PsaAgAn_ComputedOffs_UIs_M_str.MinOffset==>Neg TS3.67PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc==>Min TS3.68PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc==>Max TS3.69PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc==>Pos TS3.70PsaAgAn_ComputedOffs_Uls_M_str.MinSrc==>Min TS3.71PsaAgAn_ComputedOffs_UIs_M_str.MinSrc==>Max TS3.72PsaAgAn_ComputedOffs_UIs_M_str.MinSrc==>Pos TS3.73PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODININ TS3.74PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODREL TS3.75PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODABSLT TS3.76PsaAgAn_SnsrMod_Cnt_M_enum==>PSAAGAN_MODFAIL
TS3.77PsaAgAn_ResetEsc_Cnt_M_lgc==>Min
TS3.78PsaAgAn_ResetEsc_Cnt_M_lgc==>Max TS3.78PsaAgAn_ResetEsc_Cnt_M_lgc==>Max
TS3.79PsaAgAn_EscProc_Cnt_M_lgc==>Min
TS3.80PsaAgAn_EscProc_Cnt_M_lgc==>Min
TS3.80PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc==>Min
TS3.81PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc==>Min
TS3.82PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc==>Max
TS3.83PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Min
TS3.84PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc==>Max
TS3.85PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Min
TS3.86PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Pos
TS3.88PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Pos
TS3.88PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Pos
TS3.88PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Pos TS3.89PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32==>Neg TS3.90PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc==>Min TS3.91PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc==>Max TS3.92PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc==>Min TS3.93PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc==>Max
TS3.94PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODININ



TS3.95PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODREL
TS3.96PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODABSLT
TS3.97PsaAgAn_PrevSnsrMod_Cnt_M_enum==>PSAAGAN_MODFAIL

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-550.235718
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-471.667297
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-10
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-283.076111
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-549.704102
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.560599983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	945.293579
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn StInit Cnt M Igc	0
PsaAgAn UsedOffs Uls M str.MaxOffset	-349.556488
PsaAgAn UsedOffs Uls M str.MinOffset	184.430695
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	74.2755966
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	6.41669989
k PsaAgAn AbsHwPosLvI2 HwDeg f32	16.2801991
k_PsaAgAn_EpsPrec_HwDeg_f32	14.6269999
k PsaAgAn MinPrecFail HwDeg f32	314.00531
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-181.117706
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	843.465027
k PsaAgAn OffsDataInitMinSrc Cnt u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.522099972
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.77929997
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.891200006
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.73339999
k PsaAgAn VehCondMinTi mS u32	5858
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1]	32768
t PsaAgAn AbsitHwAuthyY Uls u1p15[2]	0
t PsaAgAn AbsitHwAuthyY Uls u1p15[3]	0
t PsaAgAn AbsittwAutry1_ors_u16p0[0]	0
t PsaAqAn AbsitHwPosnPrecX HwDeg u16p0[1]	10
t PsaAgAn Absittwir osnir recx_nwbeg_u16p0[1]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	1170.18384
target_Pim_PsaAgArbnLmdOffsData.MinOffset	10.1884003
target_Pim_PsaAgArbnLrndOffsData.MinOffset target Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc target Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_Pim_PsaAgArbn_rndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedCumMechinitiPosStatus_Cnt_uoo.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5134.53223
target_PsaAgArbn_Per1_AlignedReinwPos_nwDeg_loz.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	39
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	1
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Peri_EscDatavidFromSeriCom_Cnt_igc.value target PsaAgArbn Per1 EscOffsEna Cnt lgc.value	1
· - ·	
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-613.584412
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.6079006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.35979986
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	245.087601
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1950.90918 4
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	706 600174
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	796.688171
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.33109999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0





Name	Input Value		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	266.104309		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3268240622		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_InstAp_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_InstAp_PsaAgArbn_PsaAgAr$	target_PsaAgArbn_Per1_AbsltHwPosnPreci	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechN	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnToSerletarget PsaAgArbn Per1 RelHwPosnVldToS		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	Result
PsaAgAn AgArbnOffsFitDetd Cnt M Igc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-550.235718	-550.235718	_
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-471.667297	-471.667297	-
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT	PSAAGAN INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	_
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.83810425	-6.83810377	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	13.0124512	13.0124569	
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	-299.409637	-299.409637	V
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	0	V
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-349.556488	-349.556488	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	184.430695	184.430695	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-181.117706	-181.117706	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	843.465027	843.465027	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	82.5628967	82.5628967	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	796.688171	700 000474 + 0 00004	✓
		796.688171 ± 0.00001	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	0	0 ± 1e-05	~



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.2 (Repeat Count = 1)	· ·
	Input Value
	0
0 = = = = = 0	0
0 = 0 = = = 0	
3 2 3 7 7 7 2 2 2 3	1
0 = 1 = = =	83.330101
0 - 1	1533.40747
	0
0 = 1 = = =	2
·	PSAAGAN_INIT
0	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	10
0 - 1	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1230.26294
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-346.078186
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_ReiHwPosnToSerlCom_HwDeg_M_f32	498.11319
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	558.820984
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1577.36597
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
	70.8013992
	15.2459002
	6.53840017
	5.90250015
_ 0 _ 1	7.10419989
	296.193909
_ 0 5	2
	1657.58044
	0
	0.75849998
	2.38520002
	0.380600005
	4.77839994
	1.1918
	9528
_ 0 _ / 1	32768
	32768
_ 0 _ / 1	0
	0
_ 0	0
	10
	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-138.450394
target_Pim_PsaAgArbnLrndOffsData.MinOffset	901.53302
	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0





Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	152		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2922.61768 47		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-700.585815		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8169994		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.9375		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	352.757111		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2555.69165		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.600000024		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1309.70996 -3.64759994		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	356.739899		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2	_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegater (App_PsaAgArbn_PsaA$	target_PsaAgArbn_Per1_AbsltHwPosnPred	ision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target PsaAgArbn Per1 EscAckFromSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_	f target_PsaAgArbn_Per1_EscOffsFromSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwall and the property of the property o$	vE target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	2 target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPos_HwDe target_PsaAgArbn_Per1_RelHwPosnToSer		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn AgArbnOffsFit Cnt M lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	83.330101	83.330101	
PsaAgAn ComputedOffs Uls M str.MinOffset	1533.40747	1533.40747	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
		1.95281887	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.95281887		
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	354.424377	354.424377	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	354.424377 -256.48822	-256.48822	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	354.424377 -256.48822 PSAAGAN_MODININ	-256.48822 PSAAGAN_MODININ	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	354.424377 -256.48822 PSAAGAN_MODININ 0	-256.48822 PSAAGAN_MODININ 0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	354.424377 -256.48822 PSAAGAN_MODININ	-256.48822 PSAAGAN_MODININ	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	354.424377 -256.48822 PSAAGAN_MODININ 0	-256.48822 PSAAGAN_MODININ 0 0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	354.424377 -256.48822 PSAAGAN_MODININ 0 0	-256.48822 PSAAGAN_MODININ 0 0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394 901.53302	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394 901.53302	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	354.424377 -256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394 901.53302 0	-256.48822 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 558.820984 1577.36597 0 2 -138.450394 901.53302 0	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1068.09351	-1068.09351	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.600000024	0.600000024 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1309.70996	1309.70996 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Fest Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

lame	Input Value
	0
saAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	· ·
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
saAgAn_ComputedOffs_Uls_M_str.MaxOffset	508.081787
saAgAn_ComputedOffs_UIs_M_str.MinOffset	-1202.08557
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
saAgAn_ComputedOffs_Uls_M_str.MinSrc	0
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
saAgAn_EscProc_Cnt_M_lgc	0
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.1486001
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32	1314.54016
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-504.014709
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	756.701477
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
saAgAn_ResetEsc_Cnt_M_lgc	0
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_StInit_Cnt_M_lgc	1
saAgAn_UsedOffs_Uls_M_str.MaxOffset	502.137787
saAgAn_UsedOffs_Uls_M_str.MinOffset	1054.88733
saAgAn_UsedOffs_Uls_M_str.MaxSrc	2
saAgAn_UsedOffs_Uls_M_str.MinSrc	0
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	
tte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	48.2099991
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.9914999
_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.6523991
_PsaAgAn_EpsPrec_HwDeg_f32	1.04649997
_PsaAgAn_MinPrecFail_HwDeg_f32	327.702209
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1557.15845
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1172.53223
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.649800003
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.29229999
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.167899996
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.17009997
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.80340004
_PsaAgAn_VehCondMinTi_mS_u32	5791
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0

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Input Value





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	765.780029		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	315.43161		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	213		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6655.1084		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	212		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-644.389526		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.52659988		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.8435998		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1093.41492		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	927.275574		
target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1000.10382 -1.05420005		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value			
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	363.17691		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc	4194802638 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 AbsithWosnPrecision HwDeq	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVId_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechN		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0		·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target PsaAgArbn Per1 EscOffsEna Cnt Ig		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerIC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	<u>j_</u> f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Psa$	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	/ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	ı_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	508.081787	508.081787	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1202.08557	-1202.08557	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	O DOAAGAN DEFFOR	O DOAAGAN DEFECT	V
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	V
PsaAgAn_EscProc_Cnt_M_lgc	0	6 84227042	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	6.84227943	6.84227943	V
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-1088.83972 -44.8534546	-1088.83972 -44.8534622	~
PsaAgAn_ProvSpsrMod_Cot_M_enum	PSAAGAN MODFAIL		
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32	_	PSAAGAN_MODFAIL	V
PsaAgAn_RelHwPosnVidToSorlCom_HwDeg_M_f32	0 0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	-
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn StInit Cnt M Igc	1	1	-
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	502.137787	502.137787	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1054.88733	1054.88733	-

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1557.15845	1557.15845	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1172.53223	1172.53223	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-778.512573	-778.512573	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1000.10382	-1000.10382 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.4 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-418.157196
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	370.473602
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.741999984
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-196.281403
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.741999984
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	748.85022
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.741999984
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-235.017105
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1093.18896
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1093.96155
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	8.77620029
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	28.8675995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.70679998
k_PsaAgAn_EpsPrec_HwDeg_f32	2.3907001
k_PsaAgAn_MinPrecFail_HwDeg_f32	383.411591
c_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-437.371307
<pre>c_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08</pre>	0
<pre><_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32</pre>	-934.90509
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k PsaAgAn OffsetPolarity HwDeg f32	1

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Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.45950007		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.5 9.91849995		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.32110023		
k PsaAgAn VehCondMinTi mS u32	2058		
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-376.729401		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1474.74854		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbn_Road_AlignadCurpMaghMtrDagStatus_Cat_ur00_urdus_	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	-2717.78735		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	92		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1217.6178		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	12.5118999		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.08150005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-981.97052		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2125.54858		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.934300005		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	39.0205994		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.72100019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	372.834686		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2519301712		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hwl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechl target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	·	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_VehicleSpeed_Kpl target_Pim_PsaAgArbnLrndOffsData	1_102	
		Format de di Malion	D
Name PegAgAn AbeltHiwPoent vi2 Cot M Igo	Actual Value	Expected Value	Resu
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	1	1	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-418.157196	-418.157196	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	370.473602	370.473602	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN POWERCUT	PSAAGAN POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-5.25447273	-5.25447273	
	-779.262695	-779.262695	

-779.262695

-779.262695

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32





Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	238.2276	238.227585	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1093.18896	1093.18896	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1093.96155	1093.96155	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-437.371307	-437.371307	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-934.90509	-934.90509	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.934300005	0.934300005 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	39.0205994	39.0205994 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	-
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				, i
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

Test Step 3.5 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	944.697205
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-698.308716
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-7.88469982
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1177.06458
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	6.99940014
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	738.437317
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1544.42578
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1397.49915
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	67.4524002

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	25.4633007		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	22.1672993		
k_PsaAgAn_EpsPrec_HwDeg_f32	20		
k_PsaAgAn_MinPrecFail_HwDeg_f32	13.2108002		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	810.938416		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-929.784729		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1		
k PsaAgAn OffsetPolarity HwDeg f32	1		
k PsaAgAn VehCondMaxHwTrq HwNm f32	10		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.203700006		
k PsaAgAn VehCondMaxPinTrg HwNm f32	7.52810001		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.77260017		
k_PsaAgAn_VehCondMinTi_mS_u32	7457		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t PsaAgAn AbsitHwAuthyY Uls u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0		
	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1135.35083		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	441.080994		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	24		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2901.88159		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	77		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1512.17297		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.75110006		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-958.401428		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1153.12073		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	788.28479		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.33309984		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	224.955002		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnLvl1	Cnt lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnVld C		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Perl AbsithwPosn HwDeg f32	target PsaAgArbn Per1 AbsithwPosn HwD		
		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	· · · · · · · · · · · · · · · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	ty_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32$	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	<u>j_</u> f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
	Actual Value	Expected Value	Result
Name Page Age Abelthur Deepl v/2 Cet M Igg		0	Result
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc	0		
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	944.697205	944.697205	•
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-698.308716	-698.308716	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	4.72709179	4.72709179	•
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-958.816895	-958.816895	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-286.967285	-286.967285	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1544.42578	1544.42578	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1397.49915	1397.49915	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	810.938416	810.938416	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-929.784729	-929.784729	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	73.4633179	73.4633179 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1470.9624	-1470.9624	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	788.28479	788.28479 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
RecommendedState	1	RecommendedState	1	~	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•	
SwitchOffs	1	SwitchOffs	1	~	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 3.6 (Repeat Count = 1)		~
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1594.05237	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-96.8656998	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	9.17809963	
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	400.288605	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	2.75169992	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1272.13391	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	





FSAAGAIDII_FEIT	
Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	68.6708984
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	966.058411
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
	target_Rte_Inst_Ap_PsaAgArbn
	14.0495005
	29.3167992
_ 11 3 _ 11 11 11 11 11 11 11 11 11 11 11 11 1	2.47729993
	11.6000996
	198.718506
S_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-694.588806
	2
	-1517.75867
	1
_ 0	
	-0.821099997
_ 0	5.29050016
	0.5
_	2.26040006
	8.21650028
	532
, , , , , , , , , , , , , , , , , , , ,	32768
	32768
	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	101.592903
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	895.856018
. – – .	2
	0
	1
	3360.79248
	16
	1
0 _ 0	0
0 = 0 = = = = = = = = = = = = = = = = =	1
· - ·	686.920471
	14.1318998
	-5.23120022
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-245.878006
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2315.83325
0 = 0 = =	1
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-455.483093
	1.80289996
3-2 - 3 - 2 - 2 - 3 - 2 - 2 - 3 - 3 - 3	0
• - •	97.3127975
	3586274737
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
	target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32
	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
	target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32
	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32





target, Rie. Inst. Ap, PsaAgArbn. PsaAgArbn. Pertl. SensorlessAuthority, Ulls, f32 target, Rie. Inst. Ap, PsaAgArbn. PsaAgArbn. Pertl. SensorlessAuthority, Ulls, f32 target, Rie. Inst. Ap, PsaAgArbn. PsaAgArbn. Pertl. SensorlessNervipos_HwDeg_f32 target, Rie. Inst. Ap, PsaAgArbn. PsaAgArbn. Pertl. TorqueCmdCRF. Mirhm. f32 target, Rie. Inst. Ap, PsaAgArbn. PsaAgArbn. Pertl. VehicleSpeedValid_Cnt. Igc target, Rie. Inst. Ap, PsaAgArbn. PsaAgArbn. Pertl. VehicleSpeed, Kph_f32 target, PsaAgArbn. Pertl. VehicleSpeed Kph_f32 target, PsaAgArbn. Pertl. VehicleSpe
target_Re_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc Expected Value Result PsaAgAn_AgArbnOffsFILDetd_Cnt_M_Igc 0 0 0 0 9 PsaAgAn_AgArbnOffsFILDetd_Cnt_M_Igc 0 0 0 0 9 PsaAgAn_AgArbnOffsFILDetd_Cnt_M_Igc 0 0 0 0 9 PsaAgAn_ComputedOffs_Uls_M_str_MinOffset 96.8656998 96.8656998 96.8656998 9 PsaAgAn_ComputedOffs_Uls_M_str_MinSrc 0 0 0 0 9 PsaAgAn_ComputedOffs_Uls_M_str_MinSrc 2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgAn.Agarbn.Agarbn.Agarbn.PsaAgAn.Agarbn
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbn.ImdOffsData target_Pim_PsaAgArbn.ImdOffsData Name Actual Value Expected Value Result PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc 0 0 0 PsaAgAn_AgArbnOffsFitCnt_M_lgc 0 0 0 PsaAgAn_ComputedOffs_ILLS_M_str.MaxOffset 1594.05237 1594.05237 ✓ PsaAgAn_ComputedOffs_Ulls_M_str.MaxSrc 2 2 ✓ PsaAgAn_ComputedOffs_Ulls_M_str.MaxSrc 2 2 ✓ PsaAgAn_EcomputedOffs_Ulls_M_str.MaxSrc 0 0 0 ✓ PsaAgAn_ComputedOffs_Ulls_M_str.MaxSrc 2 2 ✓ ✓ PsaAgAn_ComputedOffs_Ulls_M_str.MaxSrc 0 0 0 ✓ <
Name Actual Value Expected Value Result PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc 0 0 0 9 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 0 0 0 9 PsaAgAn_AgArbnOffsFitLont_M_lgc 0 0 0 9 PsaAgAn_ComptedOffs_Uls_M_str.MaxOffset 1594.05237 1594.05237 9 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -96.8656998 -96.8656998 9 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2
Name Actual Value Expected Value Result PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFilt_Detd_Cnt_M_Igc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MavOffset 1594.05237 1594.05237 > PsaAgAn_ComputedOffs_Uls_M_str.MavOffset .96.8656998 .96.8656998 .96.8656998 .9 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 0 .9 .9 .9 .9 .8 .9
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc 0 0 ✓ PsaAgAn_AgArbnOffsFitIcbetd_Cnt_M_lgc 0 0 ✓ PsaAgAn_AgArbnOffsFitIc_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1594.05237 1594.05237 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 ✓ ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 ✓
PsaAgAn_AgArbnOffsFilbetd_Cnt_M_lgc 0 0 ✓ PsaAgAn_AgArbnOffsFilt_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1594.05237 1594.05237 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -96.8656998 -96.8656998 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscOffsSt_Cnt_M_lgc 0 0 0 ✓ PsaAgAn_NortelLPF_Uls_M_str.SV_Uls_f32 9.17809963 9.17809963 9.17809963 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 400.288605 400.288605 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 2.75169992 2.75169992 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_RelHwPosnToSeriCom_HwDeg_M_f32 0 0 ✓ PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 ✓ PsaAgAn_S
PsaAgAn_AgArbnOffsFit_Cnt_M_igc 0 0 ↓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1594.05237 1594.05237 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -96.8656998 -96.8656998 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 2 2 2 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 ✓ ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PSAAGAN_POWERCUT ✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1594.05237 1594.05237 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -96.8656998 -96.8656998 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwrrqLPF_Uls_M_str.SV_Uls_f32 9.17809963 9.17809963 PsaAgAn_MtrvelLPF_Uls_M_str.SV_Uls_f32 400.288605 400.288605 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 2.75169992 2.75169992 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSeriCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_Stinit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -96.8656998 -96.8656998 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.17809963 9.17809963 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 400.288605 400.288605 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 2.75169992 2.75169992 PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_Sitint_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Sitint_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.Sv_Uls_f32 9.17809963 9.17809963 PsaAgAn_MtrVelLPF_Uls_M_str.Sv_Uls_f32 400.288605 400.288605 PsaAgAn_PinorrqLPF_Uls_M_str.Sv_Uls_f32 2.75169992 2.75169992 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 4 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 2
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT ✓ PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 9.17809963 9.17809963 ✓ PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 400.288605 400.288605 ✓ PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 2.75169992 2.75169992 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 ✓ PsaAgAn_RestEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_Stlnit_Cnt_M_lgc 1 1 1 ✓ PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 68.6708984 68.6708984 ✓ PsaAgAn_UsedOffs_UIs_M_str.MinOffset 966.058411 966.058411 ✓ PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 2
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.17809963 9.17809963 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 400.288605 400.288605 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 2.75169992 2.75169992 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.17809963 9.17809963 ✓ PsaAgAn_MtrVelL.PF_Uls_M_str.SV_Uls_f32 400.288605 400.288605 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 2.75169992 2.75169992 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 0 0 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_Stlnit_Cnt_M_lgc 1 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 ✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.17809963 9.17809963 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 400.288605 400.288605 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 2.75169992 2.75169992 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stinit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
PsaAgAn_MitrVelLPF_UIs_M_str.SV_UIs_f32 400.288605 400.288605 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 2.75169992 2.75169992 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 2 2
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 2.75169992 2.75169992 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uis_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uis_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_Uis_M_str.MaxSrc 2 2
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 ✓ PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_StInit_Cnt_M_lgc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 ✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stinit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 ✓
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_Stinit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 ✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
PsaAgAn_StInit_Cnt_M_Igc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 2 2
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 68.6708984 68.6708984 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 966.058411 966.058411 PsaAgAn_UsedOffs_UIs_M_str.MaxSrc 2 2
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 966.058411 ●96.058411 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2
V =
Dandard Handoffe III. Math Nicon
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 €
target_Pim_PsaAgArbnLrndOffsData.MaxOffset -694.588806 -694.588806 ✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset -1517.75867 -1517.75867 ✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 2
target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 ✓
target_PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_lgc.value 0 0 ✓
target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05
target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value 0 0
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value -517.364624 -517.364624 ✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 1 1
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -455.483093 -455.483093 ± 0.00001 ✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value 0 0 ✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~	
SnsrMon	1	SnsrMon	1	•	
SnsrSupv	1	SnsrSupv	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
RecommendedState	1	RecommendedState	1	~	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~	
SwitchOffs	1	SwitchOffs	1	~	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•	

Test Step 3.7 (Repeat Count = 1)		<u>✓</u>
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-293.684692	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-200.295303	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.06509972	

PsaAgArbn_Per1





Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1176.18457
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	790.162781
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1011.14142
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1646.62024
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-883.044983
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	75.1309967
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.89680004
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	2.78480005
k_PsaAgAn_AbshwPostviz_HwDeg_t32 k_PsaAgAn_EpsPrec_HwDeg_t32	2.78480005
к_PsaAgAn_EpsPrec_нwDeg_132 k PsaAgAn MinPrecFail HwDeg_f32	6.41709995
_ 0 0_	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-586.89978 4
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1 74 564002
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	74.564003
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.2667
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.68150043
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.00489998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.05210018
k_PsaAgAn_VehCondMinTi_mS_u32	7867
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	1183.90015
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-635.428711
target Pim PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	206
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	4454.86963
target PsaAqArbn Per1 CumMechMtrPosStatus Cnt u08.value	116
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDatavidFronisenCont_Cnt_igc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	
0 = 0 = = = = 0=	-1197.9939 18.0541
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.0541
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.89340019 F00.047304
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	500.047394
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	309.2789
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	863.934387
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.08879995
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	370.083313
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
	Jg
	target PsaAgArbn Per1 EscDataVIdFromSerICom Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_litarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerle	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFron	nSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho	rity Uls f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNr	n f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target PsaAgArbn Per1 MtrVelCRF MtrR	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	· -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target PsaAgArbn Per1 RelHwPosnToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target PsaAgArbn Per1 RelHwPosnVldTo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target PsaAgArbn Per1 VehicleSpeedVali		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp		
target Rte Inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData	·· <u>_</u> ··	
Name	Actual Value	Expected Value	Result
	0	0	Kesuit
PsaAgAn_AbstrHwPosnLvI2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	-293.684692	-293.684692	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset			
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-200.295303	-200.295303	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	V
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.86546612	-5.86546659	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	496.862549	496.862518	Y
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-161.016357	-161.016327	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1646.62024	-1646.62024	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-883.044983	-883.044983	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-586.89978	-586.89978	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	74.564003	74.564003	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1264.83264	1264.83264	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	863.934387	863.934387 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Fest Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.8 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0





Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	690.6026
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1345.62439
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-2.81489992
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-376.316101
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	77.864502
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1319.18213
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum	1 PSAAGAN MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn UsedOffs Uls M str.MaxOffset	-803.826294
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1200.32275
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	83.0179977
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	3.54780006
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	21.2127991
k_PsaAgAn_EpsPrec_HwDeg_f32	10.3255997
k_PsaAgAn_MinPrecFail_HwDeg_f32	210.843201
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1329.22681
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1480.70642 0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.995500028
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.726199985
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.124399997
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.07190001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.35599995
k_PsaAgAn_VehCondMinTi_mS_u32	3061
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	10 25
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	730.917786
target Pim PsaAgArbnLrndOffsData.MinOffset	-953.044312
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	255
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7505.47852
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	235
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	214.702606
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.89169979 022 222107
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	922.222107 1023.95618
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.925599992
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-860.221924
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.72419977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	234.240601
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target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc

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PsaAgArbn_Per1



Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target PsaAgArbn Per1 AbsltHwPosnV	ld Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_en			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatu			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cr			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDe			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_F			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAut		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_t		·	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_Mt	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_C			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAutl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCR		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeed\		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_		
target Rte Inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	· · <u>-</u>	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	7100011
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	690.6026	690.6026	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	1345.62439	1345.62439	_
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	_
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	_
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-4.45216799	-4.45216799	_
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	42.4624634	42.4624596	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	230.237167	230.237167	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn StInit Cnt M Igc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-803.826294	-803.826294	
PsaAgAn UsedOffs Uls M str.MinOffset	1200.32275	1200.32275	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target Pim PsaAgArbnLrndOffsData.MaxOffset	-1329.22681	-1329.22681	
target Pim PsaAgArbnLrndOffsData.MinOffset	1480.70642	1480.70642	✓
target Pim PsaAgArbnLrndOffsData.MaxSrc	2	2	
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	~
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	
target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	-198.24823	-198.24823	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.925599992	0.925599992 ± 1e-05	
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-860.221924	-860.221924 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-174.0177
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	411.950287
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.182999998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	452.177307
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-753.281189
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	43.5873985
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-278.012787
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(Elapse	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio HwNmpMtrNm f32	4.71220016
<pre>c_onmeyorq.tato_nmmpmamm_joz</pre> <pre>c_PsaAgAn_AbsHwPosLvl1_HwDeg_f32</pre>	30
C_FSaAgAn_AbsHwPosLvl2_HwDeg_f32	6.69010019
<pre>c_r our gr tt_r toor third country to say gr tt_r to say</pre>	17.5520992
<pre>c_r carig/itpsr rec_rimbeg_rec_ c_PsaAgAn_MinPrecFail_HwDeg_f32</pre>	57.4365997
:_FsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-573.653381
<pre>c_rsangAn_OffsDataInitiviaxOns_nwbeg_is2</pre> <pre>c_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08</pre>	1
	-1342.98938
<_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
< PsaAgAn_OffsetPolarity_HwDeg_f32	1
x_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.751800001
c_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
c_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.5946002
<_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.07489967
x_PsaAgAn_VehCondMinTi_mS_u32	5261
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-58.3707008
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	669.728821
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
arget Pim PsaAgArbnLrndOffsData.MinSrc	1





Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	21		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2546.02002		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	143		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1284.05933		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.58580017		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.49550009		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	960.532898		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-85.9297028		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.626900017		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-189.354401		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.99130011		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	98.3623962		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		Cat las	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
	target_PsaAgArbn_Per1_AbsltHwPosnLvl2 target PsaAgArbn Per1 AbsltHwPosnPrec	,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMech target PsaAgArbn Per1 AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedreinwPos_nwDeg_isz target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target PsaAgArbn Per1 EscAckFromSerlC		
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 EscDataVIdFromSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	· · · ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target PsaAgArbn Per1 VehicleSpeedValie		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAqAn AqArbnOffsFltDetd Cnt M lqc	1	1	✓
PsaAgAn AgArbnOffsFlt Cnt M Igc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-174.0177	-174.0177	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	411.950287	411.950287	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	3.48920631	3.48920631	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	956.142822	956.142822	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-9.7208252	-9.72081947	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	-9.7200202		
	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
	PSAAGAN_MODFAIL 0	PSAAGAN_MODFAIL 0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	PSAAGAN_MODFAIL 0 0 0	PSAAGAN_MODFAIL 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ReiHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938 1 0	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938 1 0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 43.5873985 -278.012787 1 1 -573.653381 -1342.98938	· · · · · · · · · · · · · · · · · · ·





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	160.800095	160.800095 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	117.212692	117.212692	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.626900017	0.626900017 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-189.354401	-189.354401 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Name	Input Value
PsaAgAn AbsItHwPosnLvI2 Cnt M Igc	1
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0
PsaAgAn AgArbnOffsFlt Cnt M lgc	1
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	-1459.69446
PsaAgAn ComputedOffs UIs M str.MinOffset	498.445801
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-1.59350002
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	1350
PsaAgAn MtrVelLPF UIs M str.K UIs f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	712.353882
PsaAgAn PinionTrqLPF UIs M str.K UIs f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1315.08752
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1161.46826
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1359.82544
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	47.3139992
S PsaAgAn AbsHwPosLvI1 HwDeg f32	14.8210001
	3.53679991
c_PsaAgAn_EpsPrec_HwDeg_f32	7.92469978
c_PsaAgAn_MinPrecFail_HwDeg_f32	108.7286
c_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-315.588287
r_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
c_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	214.716599
c_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
	1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.75830007
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.98029995
 _PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.83860004
c_PsaAgAn_VehCondMinTi_mS_u32	7181
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn AbsltHwAuthyY Uls u1p15[2]	0





Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1510.28345		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	137		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3196.17456		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	187		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-1133.31885		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.643999994		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.1553998		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-1211.9668		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	2941.72778		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.168200001		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1499.7854		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.37270021		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	184.215698		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uSuspecture = 0.0000000000000000000000000000000000$	1802671146		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_Rte_I$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	ion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerICom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscPrecisionFroms target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1124.75012	-1124.75012	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1141.88757	-1141.88757	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	~
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.14673233	-6.14673233	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1207.09912	-1207.099	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	343.378937	343.378937	V
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	V
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	V
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	V
PsaAgAn_ResetEsc_Cnt_M_lgc	1 DSAACAN MODDEL	1 DSAACAN MODDEL	V
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc	PSAAGAN_MODREL 1	PSAAGAN_MODREL 1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1161.46826	-1161.46826	
	- 0 . 0020	-1101.40020	T

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1359.82544	-1359.82544	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918	822.940918	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1510.28345	1510.28345	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	99.1785889	99.1785889 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.168200001	0.168200001 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1499.7854	1499.7854 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.11 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0
PsaAgAn AgArbnOffsFlt Cnt M lgc	0
PsaAgAn ComputedOffs Uls M str.MaxOffset	530.220825
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	935.277771
PsaAgAn ComputedOffs UIs M str.MaxSrc	2
PsaAgAn ComputedOffs Uls M str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-8.46380043
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1262.69556
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-216.705093
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-795.42041
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1213.65454
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	29.8276005
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	65.2053986
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	17.9356995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	19.4733009
k_PsaAgAn_EpsPrec_HwDeg_f32	15.0879002
k_PsaAgAn_MinPrecFail_HwDeg_f32	273.573486
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	363.172607
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	956.304871
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1

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Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.801199973		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.5869		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.34870005		
k_PsaAgAn_VehCondMinTi_mS_u32	237		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-486.785706		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-859.713928		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbn_Ror1_AlignedCumModhMtrPooStatus_Cot_u09_volue	249		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value			
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1216.55896 99		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	99		
target_PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_igc.value target_PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-166.217194		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	27.7635002		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.7972002		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	505.421295		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-834.556702		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.483200014		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1268.67383		
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-5.7335		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	91.9993973		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elaps	e 2138022177		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPred	cision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw	Deg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enumeration and the property of the proper$	m target_PsaAgArbn_Per1_AgArbnStToSerlC	com_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus(Ap_PsaAgArbn_$	target_PsaAgArbn_Per1_AlignedCumMech	MtrPosStatus_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f3222222222222222222222222222222222222$	target_PsaAgArbn_Per1_AlignedRelHwPos	s_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u	target_PsaAgArbn_Per1_CumMechMtrPos	Status_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc$	target_PsaAgArbn_Per1_EscAckFromSerlC	Com_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_$	target_PsaAgArbn_Per1_EscDataVldFromS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_	<u>lgc</u>	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgAr$	f target_PsaAgArbn_Per1_EscOffsFromSerl	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNn	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVali		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_VehicleSpeed_Kp target_Pim_PsaAgArbnLrndOffsData	//I_IOZ	
	Actual Value	Expected Value	Pag. I
Name PeaAgAn Abelt-HwPoenLv/2 Cnt M Ige	O Actual Value	Expected Value 0	Resu
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn AgArbnOffsFitDetd Cnt M lgc	0	0	
PsaAgAn AgArbnOffsFlt Cnt M lgc	0	0	
PsaAgAn_AgAronOrisFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	530.220825	530.220825	
	935.277771	935.277771	
		000.211111	, i
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAnAn_ComputedOffs_Uls_M_str_MaxSrc		2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	2		
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0 PSAAGAN_POWERCUT	0 PSAAGAN_POWERCUT	

506.860107

506.860138

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32



PsaAgArbn_	Per1
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Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-378.344666	-378.344635	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1213.65454	1213.65454	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	29.8276005	29.8276005	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	363.172607	363.172607	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	956.304871	956.304871	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	591.913452	591.913452 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-621.741028	-621.741028	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.483200014	0.483200014 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1268.67383	-1268.67383 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

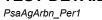
Test Step 3.12 (Repeat Count = 1)	🗸
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.25629997
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.594600022
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-674.417419
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.594600022
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	939.021118
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	68.1901016

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	26.5265007		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.2961998		
k_PsaAgAn_EpsPrec_HwDeg_f32	15.4428997		
k_PsaAgAn_MinPrecFail_HwDeg_f32	44.0638008		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	476.084015		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1591.73352		
k_PsaAgAn_OffsDataInitWinFors_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.5474		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10		
k_PsaAgAn_VehCondMinTi_mS_u32	1497		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	32768 0		
t PsaAgAn AbsitHwAuthyY Uls u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.91455		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	377.772797		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbn_Port_AlignedCumMochMtrPooStatus_Cot_u08_volus_	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	-7434.5957		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	149		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1438.44604		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.64780045		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.900900006		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-543.972717		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	575.169373		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0966999978		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1540.26025		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1.71500003		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	224.617203		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_CumMechMtrPosS target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOataVid=romSenCom_Cnt_itarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_vehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
and a second sec			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
		Expected Value	Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Expected Value	Result





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699	191.881699	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213	339.556213	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.00062895	2.00062871	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-323.446198	-323.446198	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-204.408386	-204.408371	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016	-1190.04016	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	-942.6521	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	476.084015	476.084015	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1591.73352	1591.73352	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1066.34619	1066.34619	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0966999978	0.0966999978 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1540.26025	1540.26025 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 3.13 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	860.176392
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.792786
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.42079997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.342799991
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-254.345795
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.342799991
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-747.451416
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.342799991
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-489.194397
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0





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lame	Input Value
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
saAgAn_StInit_Cnt_M_lgc	0
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-407.68869
saAgAn_UsedOffs_Uls_M_str.MinOffset	759.820374
saAgAn_UsedOffs_Uls_M_str.MaxSrc	2
saAgAn_UsedOffs_Uls_M_str.MinSrc	1
tte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
	target_Rte_Inst_Ap_PsaAgArbn
	8.00930023
	22.5112991
PsaAgAn AbsHwPosLvl2 HwDeg f32	10.7420998
	15.7812004
_PsaAgAn_EpsPrec_HwDeg_f32	
_ 0 0 _	281.955902
_ 0	1037.57996
_	2
	971.92981
_ 0	2
_PsaAgAn_OffsetPolarity_HwDeg_f32	0.361000001
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.497000009
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
	0.925499976
	5804
	32768
	32768
· · · · · · · · · · · · · · · · · · ·	0
, , , , , , , , , , , , , , , , , , , ,	
• - / / -	0
5 2 5 1 1 7	0
5 2 5 1 1 1	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-598.912476
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	1502.75696
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
	1
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	16
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7618.71143
	114
	0
312 11 3 1 2 1 2 11 11 11 11 2 2 2 3 1 1 1 1	1
0 = 0 = = = = = = = = = = = = = = = = =	0
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-792.260071
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.8915997
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.06570005
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-419.41391
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1699.56189
	1
arget PsaAgArbn Per1 SensorlessHwPos HwDeg f32.value	-1000.52319
	8.71679974
	1
	226.857605
	target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
rget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
rget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
5	
irget Rte Inst An PsaAgArhn PsaAgArhn Per1 Eschata\/IdEromSerlCom Cnt II	
rget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
rget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc rrget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32





Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	~	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	860.176392	860.176392	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.792786	658.792786	•	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.88282788	1.88282776	✓	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-310.931152	-310.931152	•	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-467.657654	-467.657654	✓	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•	
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-407.68869	-407.68869	•	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	759.820374	759.820374	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1037.57996	1037.57996	•	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	971.92981	971.92981	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	•	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓	
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•	
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-176.065857	-176.065857	~	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1000.52319	-1000.52319 ± 0.00001	•	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.14 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1184998	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-101.313499	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.10360003	





	l
Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32	800.179688
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-116.015099
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	418.812286
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1585.71741
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1556.44324
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	85.9821014
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	21.5981007
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.22310019
k_PsaAgAn_EpsPrec_HwDeg_f32	19.7434006
k_PsaAgAn_MinPrecFail_HwDeg_f32	387.878113
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1480.96436
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-398.293304
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.859300017
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.646499991
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.81309998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.1401999
k_PsaAgAn_VehCondMinTi_mS_u32	496
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	803.498779
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1339.41968
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	205
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2444.87476
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	176
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1238.55505
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.5953007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.54390001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-669.283508
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2131.89038
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1567.70898
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.45660019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	139.854996
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc





larget_Pask_Apt_Pask_Apt.ne_	Name	Input Value		
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
tagger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mem Position I Horberg, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, Apric Mirk Pearl, 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, Rein, Inst. Ap., PasAgArthn Pearl, SensoriessHurrory, Ill., 132 larger, PasAgArthn Pearl, PasAgArthn, Pearl, PasAgA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
Integer Rel. Inst. Ap. PsaAgArbn Pearl Apt Torrue, Hwhm. 19.2	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	arget PsaAgArbn Per1 HandwheelAuthority Uls f32		
targer, Rein, Incit. Ap. PsasAgArton PasAgArton Pert MirVe/CRF, MirRaipes, 122 targer, Rein, Inst. Ap. PsasAgArton Pert ReinHe/Posin Morging targer, Rein, Inst. Ap. PsasAgArton Pert Sensities Mirving targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton PsasAgArton, Pert Josen Morging targer, Rein, Inst. Ap. PsasAgArton, Pert Josen Morging targer, PsasAgArton,	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
Image_Rin_Inst_Ap_Peadpubrn_Peadpubrn_Peadpubrn_Pear_RelinHoPoe_NDeg_G2 Iarrget_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_RelinHoPoenToSericOm_Cin_ Integret_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_RelinHoPoenToSericOm_Cin_ Integret_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_RelinHoPoentoSericOm_Cin_ Integret_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_I SensoriessAnthonly_Uis_G2 Iarrget_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_I TorqueCindCRF_Winthin_G2 Iarrget_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_I TorqueCindCRF_Winthin_G2 Iarrget_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_I TorqueCindCRF_Winthin_G2 Iarrget_Rine_Inst_Ap_Peadpubrn_Pear_Aphtn_Pear_I_vehicleSpeed vial_Cin_Uis_ Iarrget_Rine_Inst_Aphtn_Inst_Cin_Uis_ Iarrget_Rine_Inst_Aphtn_Inst_Cin_Uis_Inst_Lin_Uis_Inst_Lin_Uis_ Iarrget_Rine_Inst_Aphtn_Inst_Lin_Uis_In	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm	f32	
larged_Rels_inst_Ap_PasaAgArbn_PastAgArbn_Past_ReltHvPos_1Nbetog_1S2	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target PsaAgArbn Per1 MtrVelCRF MtrRa	dpS f32	
Israge_Rite_Inst_Ap_PsaAgAntn_PsaAgAntn_Psr_Rith=WebanividToSericOm_Cnt_Up: Israge_Rite_Inst_Ap_PsaAgAntn_Psr_ApaAgAntn_Psr_SensoriessAuthority_Uis_22 Israge_Rite_Inst_Ap_PsaAgAntn_Psr_ApaAgAntn_Psr_Rith=WebanividToSericOm_Cnt_Up: Israge_Rite_Inst_Ap_PsaAgAntn_Psr_ApaAgAntn_Psr_ApaAgAntn_Psr_ApaAgAntn_Psr_Rith=WebanividToSericOm_Cnt_Up: Israge_Rite_Inst_Ap_PsaAgAntn_Psr_ApaAgantn_Psr_ApaAgantn				
target_Rie_Inst_Ap_ PsaAgArtnn PsaAgArtnn Pert_SensoriesaAtwhority_Uis_122 target_Rie_Inst_Ap_PsaAgArtnn PsaAgArtnn Pert_SensoriesaAtwhority_Uis_122 target_Rie_Inst_Ap_PsaAgArtnn PsaAgArtnn PsaAgAArtnn PsaAgArtnn PsaAg	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
IntegreE. Intel. Ap. PsaAgAnthn PsaAgAnthn Pert Sensoriessin/Wos. HWDeg. 132	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rie_Inst_Ap_PsaAgArbn_Pert_TorqueCmdCRF_MirNm_132 target_PsaAgArbn_Pert_TorqueCmdCRF_MirNm_192 target_Rie_Inst_Ap_PsaAgArbn_Pert_VehicleSpeed_Kin_132 target_Rie_Inst_Ap_PsaAgArbn_Pert_VehicleSpeed_Kin_132 target_Rie_Inst_Ap_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_Prert_VehicleSpeed_Kin_132 target_PsaAgArbn_AgArbn_IndertSpeed_Kin_132 target_PsaAgArbn_AgArbn_IndertSpeed_Kin_132 target_PsaAgArbn_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_Mirst_PsaAgArb_AgArbn_Mirst_Mirst_PsaAgArb_AgArbn_Mirst_Mirst_PsaAgArb_AgArbn_Mirst_Mirst_PsaAgArb_AgArbn_Mirst_Mirst_PsaAgArb_AgArbn_Mirst_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArb_AgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_PsaAgArbn_Mirst_M	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
target_Rie_Inst_Ap_PsaAgArtn_Pert_VehicleSpeed/valid_Crt_Ugc target_Rie_Inst_Ap_PsaAgArtn_Pert_VehicleSpeed_Vin_122 target_PsaAgArtn_PsaAgAr	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	HwDeg_f32	
target, Rie, Inst, Ap, PsaAgArbn, PsaAgArbn, Pert J. VehicleSpeed_Kph_f32 target_Rie_Inst, Ap, PsaAgArbn, Pim_PsaAgArbnLmdOffsData target_Pim_PsaAgArbnLmdOffsData Expected Value Result PsaAgAn, Absilth-WoenLv2, Cnt, M. Igc 0 0 0 V PsaAgAn, AgArbnOffsFillDed, Cnt, M. Igc 1 1 0 V PsaAgAn, AgArbnOffsFill, Cnt, M. Igc 1 1 1 V PsaAgAn, ComputedOffs ILIS, M. Ist MaxOffset -39.1184998 -39.1184998 V PsaAgAn, ComputedOffs, Uls, M. Ist MixOffset -101.313499 -101.313499 V PsaAgAn, ComputedOffs, Uls, M. Ist MixOffset 1 1 1 V PsaAgAn, ComputedOffs, Uls, M. Ist MixOffset 1 1 1 V PsaAgAn, Eschroc, Cnt, M. Ige 0 0 0 V PsaAgAn, Eschroc, Cnt, M. Ige 0 0 V V PsaAgAn, PinionTra(I-F. Uls, M. Ist. SV, Uls, 132 5.53736355 5.53736353 V PsaAgAn, PinionTra(I-F. Uls, M. Ist. SV, Uls, 132 116.015099 -116.015099 V PsaAgAn, PinionTra(I-F. Uls, M. Ist. SV, Uls,	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
target, Rie, Inst, Ap, PsaAgArbn, PsaAgArbn, Pert J. VehicleSpeed_Kph_f32 target_Rie_Inst, Ap, PsaAgArbn, Pim_PsaAgArbnLmdOffsData target_Pim_PsaAgArbnLmdOffsData Expected Value Result PsaAgAn, Absilth-WoenLv2, Cnt, M. Igc 0 0 0 V PsaAgAn, AgArbnOffsFillDed, Cnt, M. Igc 1 1 0 V PsaAgAn, AgArbnOffsFill, Cnt, M. Igc 1 1 1 V PsaAgAn, ComputedOffs ILIS, M. Ist MaxOffset -39.1184998 -39.1184998 V PsaAgAn, ComputedOffs, Uls, M. Ist MixOffset -101.313499 -101.313499 V PsaAgAn, ComputedOffs, Uls, M. Ist MixOffset 1 1 1 V PsaAgAn, ComputedOffs, Uls, M. Ist MixOffset 1 1 1 V PsaAgAn, Eschroc, Cnt, M. Ige 0 0 0 V PsaAgAn, Eschroc, Cnt, M. Ige 0 0 V V PsaAgAn, PinionTra(I-F. Uls, M. Ist. SV, Uls, 132 5.53736355 5.53736353 V PsaAgAn, PinionTra(I-F. Uls, M. Ist. SV, Uls, 132 116.015099 -116.015099 V PsaAgAn, PinionTra(I-F. Uls, M. Ist. SV, Uls,	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target PsaAgArbn Per1 VehicleSpeedValid	I Cnt Igc	
target_Rie_Inst_Ap_PsaAgArbnPim_PsaAgArbnLmdOffsData target_Pim_PsaAgArbnLmdOffsData Expected Value Result PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 0		target PsaAgArbn Per1 VehicleSpeed Kpl	1 f32	
PsaAgAn AbsithwPosnLvI2_Cnt_M_lgc 0 0 0 PsaAgAn AgAnthOffsFilload, Cnt_M_lgc 0 0 ✓ PsaAgAn, ComputedOffs_Uls_M_str.MaxOffset -39.1184998 -39.1184998 ✓ PsaAgAn, ComputedOffs_Uls_M_str.MaxOffset -101.313499 -101.313499 ✓ PsaAgAn, ComputedOffs_Uls_M_str.MinSrc 1 1 1 ✓ PsaAgAn, ComputedOffs_Uls_M_str.MinSrc 1 1 1 ✓ ✓ PsaAgAn, EscOffsSC_Inlenum PSAGAN_INIT PSAAGAN_INIT ✓ PSAAGAN_INIT ✓ ✓ PsaAgAn, EscOffsSC_Inlenum PSAAGAN_INIT PSAAGAN_INIT ✓ ✓ PsaAgAn, EscOffsSC_Inlenum PSAAGAN_INIT PSAAGAN_INIT ✓ PsAAGAN_INIT ✓ PsAAGAN_INIT ✓ PsAAGAN_INIT ✓ PsAAGAN_INIT PSAAGAN_INIT ✓ PsAAGAN_INIT PSAAGAN_INIT ✓				
PsaAgAn AgArbnOffsFiltDetC Cnt, M. Igc 0 0 ✓ PsaAgAn, AgArbnOffsFiltC Cnt, M. Igc 1 1 1 ✓ PsaAgAn, ComputedOffs Uls, M. str. MaxSfre -39.1184998 -39.1184999 -101.313499 ✓ PsaAgAn, ComputedOffs Uls, M. str. MinSfre 1 1 1 ✓ PsaAgAn, ComputedOffs Uls, M. str. MinSfre 1 1 1 ✓ PsaAgAn, EscOffsSt, Cnt, M. enum PSAAGAN_INIT PSAAGAN_INIT ✓ PsaAgAn, EscProc, Cnt, M. Igc 0 0 0 ✓ PsaAgAn, EscProc, Cnt, M. Igc 0 0 0 ✓ PsaAgAn, EscProc, Cnt, M. Igc 0 0 0 ✓ PsaAgAn, EscProc, Cnt, M. Igc 0 0 0 ✓ PsaAgAn, EscProc, Cnt, M. Igc 0 0 0 ✓ PsaAgAn, Mortuper Lib, M. str. Sv. Vils, f32 5.53736305 5.5373653 × PsaAgAn, Psindoff Tott, M. enum PSAAGAN, MODFAIL PSAAGAN, MODFAIL V PsaAgAn, RelHwPosnVidToSeriCom, HwDeg, M. f32 0	Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 0 0 ✓ PsaAgAn_CayArbnOffsFitL_Ort_M_lgc 1 1 1 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MixOffset -39.1184998 -39.1184998 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MixSrc 1 1 1 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MixSrc 1 1 1 ✓ PsaAgAn_EscDffsSt_Cnt_M_enum PSAAGAN_NIT PSAAGAN_INIT ∨ PsaAgAn_EscDffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT ∨ PsaAgAn_EscDffsSt_Cnt_M_lgc 0 0 0 ✓ PsaAgAn_PinionTrqLPE_Uls_M_str.Sv_Uls_f32 800.179688 800.179688 800.179688 ✓ PsaAgAn_PinionTrqLPE_Uls_M_str.Sv_Uls_f32 116.015099 -116.015099 ✓ PsaAgAn_RelHwPosnVoffsorerCom_thu_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	PsaAqAn AbsitHwPosnLvi2 Cnt M lqc	0	0	~
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PsaAgAn_EscProc_Cnt_M_igc 0 0 √ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 5.53736305 5.53736353 ✓ PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 800.179688 800.179688 ✓ PsaAgAn_PrinionTrqLPF_Uls_M_str.SV_Uls_f32 +116.015099 -116.015099 ✓ PsaAgAn_PresvSnsrMod_CntL_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 1 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1585.71741 +1585.71741 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1586.44324 1586.71741 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 1 1 1 ✓				~
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PsaAgAn_Mit/Veil.PF_Uls_M_str.SV_Uls_f32 800.179688 800.179688 PsaAgAn_PirionTrq.LPF_Uls_M_str.SV_Uls_f32 -116.015099 -116.015099 PsaAgAn_PrevSnsrMod_Cnt_Menum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -1585.71741 -1585.71741 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 4 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinC		5.53736305	5.53736353	✓
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 -116.015099 -116.015099 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVdToSerlCom_HwDeg_M_f32 0 0 0 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset -1585.71741 -1585.71741 PsaAgAn_UsedOffs_UIs_M_str.MinOffset 1556.44324 1556.44324 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 1 1 1 1 1 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 1 1 1 1 1 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 1 1 1 1 1 PsaAgArbnI-mdOffsData.MaxOffset 1480.96436 1480.96436 4arget_Pim_PsaAgArbnI-mdOffsData.MinSrc 1 1 4arget_PsaAgArbn_Perl_AbsithwPosnLv1_Cnt_lgc.value		800.179688	800.179688	-
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PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 1 1 4 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1480.96436 1480.96436 2 target_Pim_PsaAgArbnLrndOffsData.MinOffset -398.293304 -398.293304 2 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 1 1 1 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 1 2 2 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 0 2 4 </td <td>PsaAgAn_UsedOffs_Uls_M_str.MaxOffset</td> <td>-1585.71741</td> <td>-1585.71741</td> <td>~</td>	PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1585.71741	-1585.71741	~
PsaAgAn_UsedOffs_UIs_M_str.MinSrc 1 1 4 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1480.96436 1480.96436 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset -398.293304 -398.293304 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxSrc 1 1 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 ±1e-05 ✓ target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 ✓ 4 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 14.637085 14.637085 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓	PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1556.44324	1556.44324	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1480.96436 1480.96436 target_Pim_PsaAgArbnLrndOffsData.MinOffset -398.293304 -398.293304 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 1 1 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 14.637085 14.637085 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0	PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset -398.293304 -398.293304 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 1 1 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 14.637085 14.637085 target_PsaAgArbn_Per1_AgArbnStToSeriCom_Cnt_enum.value 0 0	PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 1 1 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 14.637085 14.637085 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0	target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1480.96436	1480.96436	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 14.637085 14.637085 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0	target_Pim_PsaAgArbnLrndOffsData.MinOffset	-398.293304	-398.293304	~
target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 14.637085 14.637085 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0	target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 14.637085 14.637085 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0	target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_Igc.value 0 0 14.637085 14.637085 14.637085 14.637085 15.00 0 0 16.00 0 0 16.00 0 0 16.00 0 0 16.00 0	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 14.637085 14.637085 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 0	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
3,2 4 3 4 2 4 2 3 4 4 4 4 4 2 2 4 4 4 4 4	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	14.637085	14.637085	•
target PsaAgArbn Per1 HandwheelAuthority Uls f32.value 1 1 1 + 1e-05	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	•
	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 1567.70898 ± 0.00001 ✓	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1567.70898	1567.70898 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value 0	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntolVarXY u16 u16Xu16Y Cnt	1	IntnlVarXY u16 u16Xu16Y Cnt	1	_

Test Step 3.15 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1





Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1178.18518
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1468.76135
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn HwTrgLPF Uls M str.SV Uls f32	-6.8355999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1203.47424
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	207.1185
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	283.648987
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1142.77075
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1621.20605 4
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc Pta_Call_An_PsaAgArbn_SystemTime_DtrmnFlancedTime_us_us2/FlancedTime)	2 target Pta Call An PcaAgArhn SystemTime OtronElancedTime u.S. u.22 ElancedTime
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	28.5224991
k PsaAgAn AbsHwPosLvl1 HwDeg f32	30
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	11.6367998
k_PsaAgAn_EpsPrec_HwDeg_f32	7.36350012
k_PsaAgAn_MinPrecFail_HwDeg_f32	210.253403
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-564.493713
k PsaAgAn OffsDataInitMaxSrc Cnt u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1434.84119
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.952799976
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.51550007
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.131500006
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	5.04460001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.63399982
k_PsaAgAn_VehCondMinTi_mS_u32	7958
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0 10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	688.740601
target Pim PsaAgArbnLrndOffsData.MinOffset	-117.4851
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	209
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2342.70923
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	236
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	115.257301
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.8037004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.69280005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-459.907593
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2335.97803
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	22.5536995
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.96070004
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.706512
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

2018-03-03, 17:42:20+0530

PsaAgArbn_Per1



Image: Relie Let Ap Deadythan Pashpader Pash	Name	Input Value		
	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc	•	ant lgc	
tager, Rev. Mey. Pashgham Pashgham, Pert. Apathan Strate Com. One. Jesus Williams Pashgham Pa				
Signat Re Inst Ap PaskApsinn Pa				
Image: Rev. Bed. p. Pashquam Pashquam Pashquam Pert Approximative State Commission Com				
Image Park Apr Park				
Isage Res RA Paulaghthn Paulaghthn Pert Escolativity From Service Isage Res Isage Paulaghthn Paulaghthn Pert Escolativity From Service Isage Res Isage Paulaghthn Paulaghthn Pert Escolativity Isage Res Isage Paulaghthn Pert Paulaghthn Pert Escolativity Isage Res Isage Paulaghthn Pert	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosSt	tatus_Cnt_u08	
Imager, Rein, and, Ap. Panaghythn Panaghythn Panaghythn Pening	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
Imager, Rel. Inst. Ap. Paragaythin Parkgathin, Pert. Exercision Formaction—I Notice; 1	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
Imager, Etc. Inst. Ap. PasaApArton Pend EscPrecisionFromSer(Com. HoU Earget, Etc. Inst. Ap. PasaApArton Pend Handomeelen/Burrity U. B.; 2 Iarget, Etc. Inst. Ap. PasaApArton Pend Handomeelen/Burrity U. B.; 2 Iarget, Etc. Inst. Ap. PasaApArton Pend Handomeelen/Burrity U. B.; 2 Iarget, Etc. Inst. Ap. PasaApArton Pend Handomeelen/Burrity U. B.; 2 Iarget, Etc. Inst. Ap. PasaApArton Pend Handomeelen/Burrity U. B.; 2 Iarget, Etc. Inst. Ap. PasaApArton Pend Handomeelen/Burrity U. B.; 2 Iarget, Etc. Inst. Ap. PasaApArton Pend Handomeelen/Burrity Det. Inst.	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	jc	
Imaged_File_Indit_Ap_PaskagAnth PaskagAnth	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
Imager, File Incl. Ap, Pashaghton Pashaghton, Part HandwasePosition HuDeg, 102	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	y_Uls_f32	
sarget, Rec. nat. Ap. PeadapArth Pearl Mit Vol CRF Mitralogs 12	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
Braget, Ris. Inst. Ap. PasAgAhtin Part Relitwinos Holog 12	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
Israget Riv Inst. Ap. PsadapArth Parl ApithwPosnToSeriCom + Mobg. Israget Rive Inst. Ap. PsadapArth Parl SericonsesAuthority. Illian Israget PsadapArth Parl SericonsesAuthority. Israget Israget PsadapArth Parl SericonsesAuthority. Israget Israget PsadapArth Parl SericonsesAuthority. Israget Isra	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	lpS_f32	
Israget Re. Inst. Ap. PasaApAthn P	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
Imaget, Ris. Inst. Ap. PasaAgArtn. PasaAgArtn. Past. SensoriessAuthority, Uis. 12 Isrget, Ris. Inst. Ap. PasaAgArtn. Past. SensoriessAuthorith Ris. Isrget, Ris. Inst. Ap. PasaAgArtn. Past. Ris. Isrget, Ris. Inst. Ap. PasaAgArtn. Past. Ris. Isrget, Ris. Inst. Ap. Ris. Ris. Isrget, Ris. Inst. Ap. Ris. Ris. Isrget, Ris. Inst. Ap. Ris. Ris. Ris. Ris. Isrget, Ris. Inst. Ap. Ris. Ris. Ris. Ris. Ris. Isrget, Ris. Inst. Ap. Ris. Ris. Ris. Ris. Ris. Ris. Ris. Ris. Isrget, Ris. Inst. Ap. Ris. Ris	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
Isrget, Rie, Inst. Ap. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaTyper. TorqueCmdCRF_MINIm., G2 Isrget, Rie, Inst. Ap. PsaAgAthn. PsaAgAthn. PsaTyper. VerhicleSpeed (xin. 12 Isrget, Rie, Inst. Ap. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaTyper. VerhicleSpeed (xin. 12 Isrget, Rie, Inst. Ap. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaTyper. VerhicleSpeed (xin. 12 Isrget, Rie, Inst. Ap. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaTyper. VerhicleSpeed (xin. 12 Isrget, Rie, Inst. Ap. PsaAgAthn. PsaAgAthn. PsaAgAthn. PsaTyper. VerhicleSpeed (xin. 12 Isrget, PsaAgAthn. PsaA	$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
Isrgel, Rie, Inst, Ap, PeaAgArtin, PeaAgArtin, Perf, TorqueCmdGRE, Mirhtm, [32]	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
Isrget_Ris_Inst_Ap_PsaAgArbn PsaAgArbn Perl_VehicleSpeed Visit_Cnt_Igo Isrget_Ris_Inst_Ap_PsaAgArbn PsaAgArbn_More Visit_PsaAgArbn_More Visit_PsaAgArbn_	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
larget, Rie, Jnst, Ap, PsaAgArbn, Perl, VehicleSpeed, Kph, f32 target, Rie, Inst, Ap, PsaAgArbn, Pim, PsaAgArbn, LmdOffsData target, Rie, Inst, Ap, PsaAgArbn, Pim, PsaAgArbn, LmdOffsData target, Pim, PsaAgArbn, Apoth, Pim, PsaAgArbn, LmdOffsData Target, Pim, PsaAgArbn, Apoth, Pim, PsaAgArbn, Pim, PsaAgAr, AgArbn, Pfim, PsaAgAr, ComputedOffs, Uis, M, str, Misor, PsaAgAr, EscOffsSt, Cnt, M, Ing, Str, Uis, Str,	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
Stripet_Ris_nst_Ap_PsaAgArtn.Prim_PsaAgArtn.LmdOffsData	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
Name Actual Value Expected Value Result PaaAgAn, AbstithwPoonLV2_Crt_M_lgc 0 0 0 ✓ PsaAgAn, AgAthrOffsFilbetd_Crt_M_lgc 1 1 1 ✓ PsaAgAn, CamputedOffs_Ush_M_str.MinOffset 1178.18518 1178.18518 ✓ PsaAgAn, ComputedOffs_Ush_M_str.MinOffset 1468.78135 1468.78135 ✓ PsaAgAn, EscOffset, Crt.M. Incr PsaAgAn, EscOffset, Crt.M. Incr ✓ PsaAgAn, EscOffset, Crt.M. Incr ✓ PsaAgAn, MirVelLPF, Ush_M_str.Sv_Uls_132 -7.69117117 -7.69117117 ✓ PsaAgAn, Incr ✓ PsaAgAn, Incr ✓ PsaAgAn, Incr PsaAgAn, Incr ✓ PsaAgAn, Incr PsaAgAn, Incr ✓ PsaAgAn, Incr PsaAgAn, Incr PsaAgAn, Incr	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
PsaAgAn_AbstithwPosnLvi2_Cnt_M_igc	target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
P8aAgAn_AgArbnOffsFilDetd_Cnt_M_igc	Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFit_CnLM_lgc	PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset 1178.18518 1178.18518 ✓ PsaAgAn_ComputedOffs_UIs_M_str.MiniOffset 1468.76135 1468.76135 ✓ PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 1 1 ✓ PsaAgAn_ComputedOffs_UIs_M_str.MiniSrc 2 2 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT ✓ PsaAgAn_EscPro_Cnt_M_Igc 0 0 0 ✓ PsaAgAn_EscPro_Cnt_M_Igc 0 0 0 ✓ PsaAgAn_EscPro_Cnt_M_Igc 0 0 0 ✓ PsaAgAn_EscIII_M_ESCR_UIS_Str.MiniOffset 2.63.1024475 -63.1024628 ✓ PsaAgAn_EscIII_M_ESCR_UIS_STR.MiniOffset 0 0 0 ✓ PsaAgAn_EscIII_M_ESCR_UIS_STR.MiniOffset 0 0 ✓ V PsaAgAn_MOPFAIL PSAAGAN_MOPFAIL ✓ PsaAgAn_EscIII_M_ESCR_UIS_STR.MiniOffset ✓ V PsaAgAn_EscIII_STR.MiniOffset ✓ V PsaAgAn_UIS_STR.MiniOffset ✓ V PsaAgAn_UIS_STR.MiniOffset ✓ V PsaAgAn_UIS_STR.MiniOffset<	PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_UIs_M_str MinOffset 1468.76135 ✓ PsaAgAn_ComputedOffs_UIs_M_str MinSrc 1 1 ✓ PsaAgAn_ComputedOffs_UIs_M_str MinSrc 2 2 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT ✓ PsaAgAn_EscProc_Cnt_M_Igc 0 0 0 ✓ PsaAgAn_EscProc_Cnt_M_Igc 0 0 0 ✓ PsaAgAn_EscProc_Cnt_M_Igc 0 0 0 ✓ PsaAgAn_MirrucleF_UIs_M_str.SV_UIs_IS2 -7.69117117 -7.69117117 ✓ PsaAgAn_PrincleF_UIs_M_str.SV_UIs_IS2 -456.801392 -456.801361 ✓ PsaAgAn_PrincleF_UIs_M_str.SV_UIS_IS2 -63.1024475 -63.1024628 ✓ PsaAgAn_PrincleF_UIS_M_str.SV_UIS_IS2 0 0 0 ✓ PsaAgAn_RelHwPosnToSeriCom_HwDeg_M_IS2 0 0 0 ✓ PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_igc 0 0 0 ✓ PsaAgAn_Sinti_Cnt_M_igc 1 1 1 Y PsaAgAn_Sinti_Cnt_Mill ✓ <td>PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc</td> <td>1</td> <td>1</td> <td>~</td>	PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1178.18518	1178.18518	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 2 2 9saAgAn_EscProc_Cnt_M_igc 0 0 0 0 0 0 0 0 0	PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1468.76135	1468.76135	
PsaAgAn_ EscOffsSt_Cnt_M_enum PSAAGAN_INIT PSAAGAN_INIT PsaAgAn_ EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTqLPF_UIs_M_str.SV_UIs_f32 -7.69117117 -7.69117117 PsaAgAn_HwTqLPF_UIs_M_str.SV_UIs_f32 -456.801392 -456.801361 ✓ PsaAgAn_PrevSnrSMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PSAAGAN_MODFAIL PSAAGAN_MODFAIL PSAAGAN_RelHwPosnToSerICom_thuDeg_M_f322 0 0 0 ✓ PsaAgAn_RelHwPosnToSerICom_Cnt_M_lgc 0 0 0 ✓ V PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_lgc 1 1 1 ✓ PsaAgAn_RelHwPosnVidToSerICom_Lmg_lgc 1 1 1 ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc			
PsaAgAn_EscProc_Cnt_M_lgc	PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_HWTqLPF_Uls_M_str.SV_Uls_f32	PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	
PsaAgAn_MirVelLPF_UIs_M_str.SV_UIs_f32 456.801392 456.801361 PsaAgAn_PirionTrqLPF_UIs_M_str.SV_UIs_f32 -83.1024475 -83.1024628 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosn/ToSeriCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosn/VidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosn/VidToSeriCom_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 1142.77075 1142.77075 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset -1621.20605 -1621.20605 PsaAgAn_UsedOffs_UIs_M_str.MinGfset 1 1 1 PsaAgAn_UsedOffs_UIs_M_str.MinGfset 2 2 2 target_Pim_PsaAgArbnLmdOffsData.MaxOffset -564.493713 -564.493713 -564.493713 target_Pim_PsaAgArbnLmdOffsData.MinSrc 2 2 2 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 0 target_PsaAgArbn_Per			0	
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PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_Igc 0 0 PsaAgAn_ResetEsc_Cnt_M_Igc 1 1 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlinit_Cnt_M_Igc 1 1 PsaAgAn_Stlinit_Cnt_M_Igc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1142.77075 1142.77075 1142.77075 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1621.20605 -1621.20605 -1621.20605 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 2 Larget_Pim_PsaAgArbnLrndOffsData.MaxOffset -564.493713 -564.493713 -564.493713 -264.493713				
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target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 1381.9884 1381.9884 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 239.217651 239.217651 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	0 = = 0			
target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 1381.9884 1381.9884 ± 1e-05 ✓ target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 239.217651 239.217651 ✓ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 ✓ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 0 ± 1e-05 ✓	0 =			
target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 1381.9884 1381.9884 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 239.217651 239.217651 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				-
target_PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 1381.9884 1381.9884 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 239.217651 239.217651 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uis_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				
target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 1381.9884 1381.9884 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 239.217651 239.217651 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				
target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc.value 0 0 39.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 239.217651 249.217651	0 = 0 = = = = = = = = = = = = = = = = =			
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 239.217651 239.217651 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 **Option of the control of the con				
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 22.5536995 22.5536995 ± 0.00001 varget_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05				✓
				~
· - · · · · · · · · - · - · · · · ·	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value			~



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.16 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	26.1145
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	733.503479
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	9.87370014
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1249.7384
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.32249999
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-65.6159973
saAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.32249999
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODFAIL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-759.24353
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	1 0740AN_NOBININ
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-1127.69495
	42.8771019
saAgAn_UsedOffs_Uls_M_str.MinOffset	1
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedT	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	65.2751007
_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	23.2346992
_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	20.8887997
_PsaAgAn_EpsPrec_HwDeg_f32	2.67090011
:_PsaAgAn_MinPrecFail_HwDeg_f32	40.8894997
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	789.856995
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1640.64514
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.0186999999
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.50530005
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
_PsaAgAn_VehCondMinTi_mS_u32	7830
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget Pim PsaAgArbnLrndOffsData.MaxOffset	1621.47705
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	-954.062073
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	1





at Value 0.99023 1.97485 899999 0.10107 0.22461 9199996 832794 27 620697 0821695 8t_PsaAgArbn_Per1_AbsitHwPosnLv11_0 8t_PsaAgArbn_Per1_AbsitHwPosnLv12_0 8t_PsaAgArbn_Per1_AbsitHwPosnVid_C 8t_PsaAgArbn_Per1_AbsitHwPosnVid_C 8t_PsaAgArbn_Per1_AbsitHwPosnVid_C 8t_PsaAgArbn_Per1_AlignedCumMechW 8t_PsaAgArbn_Per1_AlignedCumMechW 8t_PsaAgArbn_Per1_AlignedCumMechW 8t_PsaAgArbn_Per1_AlignedCumMechW 8t_PsaAgArbn_Per1_EscAckFromSeriCc 8t_PsaAgArbn_Per1_EscOffsEna_Cnt_Icc 8t_PsaAgArbn_Per1_EscOffsEna_Cnt_Icc 8t_PsaAgArbn_Per1_EscOffsFromSeriCc 8t_PsaAgArbn_Per1_EscOffsFromSeriCc 8t_PsaAgArbn_Per1_EscOffsFromSeriCc 8t_PsaAgArbn_Per1_EscOffsFromSeriCc 8t_PsaAgArbn_Per1_EscOffsFromSeriCc 8t_PsaAgArbn_Per1_EscPrecisionFromSeriCc 8t_PsaAgArbn_Per1_EscPrecisionFromSeriCc 8t_PsaAgArbn_Per1_EscPrecisionFromSeriCc 8t_PsaAgArbn_Per1_HandwheelAuthorit	Cnt_lgc sion_HwDeg_f32 cnt_lgc cnt_lgc cnt_lgc cnt_lgc deg_f32 dtrPosStatus_Cnt_u08 HwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc cerlCom_Cnt_lgc gc com_HwDeg_f32	
899999 9.10107 0.22461 9199996 832794 27 620697 0821695 et_PsaAgArbn_Per1_AbsitHwPosnLv11_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AlignedCumMechWet_PsaAgArbn_Per1_AlignedCumMechWet_PsaAgArbn_Per1_LignedRelHwPos_Cet_PsaAgArbn_Per1_CumMechMtrPosSit_PsaAgArbn_Per1_EscAckFromSerICcet_PsaAgArbn_Per1_EscDataVldFromSet_PsaAgArbn_Per1_EscOffsEna_Cnt_Ict_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscPrecisionFromSerICcet_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerICcet_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn	Cnt_lgc sion_HwDeg_f32 cnt_lgc cnt_lgc cnt_lgc cnt_lgc deg_f32 dtrPosStatus_Cnt_u08 HwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc cerlCom_Cnt_lgc gc com_HwDeg_f32	
899999 9.10107 0.22461 9199996 832794 27 620697 0821695 et_PsaAgArbn_Per1_AbsitHwPosnLv11_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AlignedCumMechWet_PsaAgArbn_Per1_AlignedCumMechWet_PsaAgArbn_Per1_LignedRelHwPos_Cet_PsaAgArbn_Per1_CumMechMtrPosSit_PsaAgArbn_Per1_EscAckFromSerICcet_PsaAgArbn_Per1_EscDataVldFromSet_PsaAgArbn_Per1_EscOffsEna_Cnt_Ict_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscPrecisionFromSerICcet_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerICcet_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn	Cnt_lgc sion_HwDeg_f32 cnt_lgc cnt_lgc cnt_lgc cnt_lgc deg_f32 dtrPosStatus_Cnt_u08 HwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc cerlCom_Cnt_lgc gc com_HwDeg_f32	
899999 9.10107 0.22461 9199996 832794 27 620697 0821695 et_PsaAgArbn_Per1_AbsitHwPosnLv11_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AbsitHwPosnLv12_Cet_PsaAgArbn_Per1_AlignedCumMechWet_PsaAgArbn_Per1_AlignedCumMechWet_PsaAgArbn_Per1_LignedRelHwPos_Cet_PsaAgArbn_Per1_CumMechMtrPosSit_PsaAgArbn_Per1_EscAckFromSerICcet_PsaAgArbn_Per1_EscDataVldFromSet_PsaAgArbn_Per1_EscOffsEna_Cnt_Ict_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscOffsFromSerICcet_PsaAgArbn_Per1_EscPrecisionFromSerICcet_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerICcet_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn	Cnt_lgc sion_HwDeg_f32 cnt_lgc cnt_lgc cnt_lgc cnt_lgc deg_f32 dtrPosStatus_Cnt_u08 HwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc cerlCom_Cnt_lgc gc com_HwDeg_f32	
899999 2.10107 0.22461 9199996 832794 27 620697 621 PsaAgArbn_Per1_AbsitHwPosnLvl1_et_PsaAgArbn_Per1_AbsitHwPosnLvld_ct_PsaAgArbn_Per1_AbsitHwPosnLvld_Ct_PsaAgArbn_Per1_AbsitHwPosnVid_Ct_PsaAgArbn_Per1_AbsitHwPosnVid_Ct_PsaAgArbn_Per1_AlsitHwPosnLvld_ct_PsaAgArbn_Per1_AlgarbnStToSerlCost_PsaAgArbn_Per1_AlignedCumMechMet_PsaAgArbn_Per1_LignedRellHwPos_ct_PsaAgArbn_Per1_EscAckFromSerlCost_PsaAgArbn_Per1_EscAckFromSerlCost_PsaAgArbn_Per1_EscDataVldFromSet_PsaAgArbn_Per1_EscOffsEna_Cnt_lct_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscPrecisionFromSerlCost_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCost_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn	Cnt_lgc sion_HwDeg_f32 cnt_lgc cnt_lgc cnt_lgc cnt_lgc deg_f32 dtrPosStatus_Cnt_u08 HwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc cerlCom_Cnt_lgc gc com_HwDeg_f32	
899999 2.10107 0.22461 9199996 832794 27 620697 621 PsaAgArbn_Per1_AbsitHwPosnLvl1_et_PsaAgArbn_Per1_AbsitHwPosnLvld_ct_PsaAgArbn_Per1_AbsitHwPosnLvld_Ct_PsaAgArbn_Per1_AbsitHwPosnVid_Ct_PsaAgArbn_Per1_AbsitHwPosnVid_Ct_PsaAgArbn_Per1_AlsitHwPosnLvld_ct_PsaAgArbn_Per1_AlgarbnStToSerlCost_PsaAgArbn_Per1_AlignedCumMechMet_PsaAgArbn_Per1_LignedRellHwPos_ct_PsaAgArbn_Per1_EscAckFromSerlCost_PsaAgArbn_Per1_EscAckFromSerlCost_PsaAgArbn_Per1_EscDataVldFromSet_PsaAgArbn_Per1_EscOffsEna_Cnt_lct_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscPrecisionFromSerlCost_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCost_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn	Cnt_lgc sion_HwDeg_f32 cnt_lgc cnt_lgc cnt_lgc cnt_lgc deg_f32 dtrPosStatus_Cnt_u08 HwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc cerlCom_Cnt_lgc gc com_HwDeg_f32	
899999 2.10107 0.22461 9199996 832794 27 620697 621 PsaAgArbn_Per1_AbsitHwPosnLvl1_et_PsaAgArbn_Per1_AbsitHwPosnLvld_ct_PsaAgArbn_Per1_AbsitHwPosnLvld_Ct_PsaAgArbn_Per1_AbsitHwPosnVid_Ct_PsaAgArbn_Per1_AbsitHwPosnVid_Ct_PsaAgArbn_Per1_AlsitHwPosnLvld_ct_PsaAgArbn_Per1_AlgarbnStToSerlCost_PsaAgArbn_Per1_AlignedCumMechMet_PsaAgArbn_Per1_LignedRellHwPos_ct_PsaAgArbn_Per1_EscAckFromSerlCost_PsaAgArbn_Per1_EscAckFromSerlCost_PsaAgArbn_Per1_EscDataVldFromSet_PsaAgArbn_Per1_EscOffsEna_Cnt_lct_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscOffsFromSerlCost_PsaAgArbn_Per1_EscPrecisionFromSerlCost_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCost_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn	Cnt_lgc sion_HwDeg_f32 cnt_lgc cnt_lgc cnt_lgc cnt_lgc cnt_enum ftrPosStatus_Cnt_u08 .HwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc cerlCom_Cnt_lgc gc com_HwDeg_f32	
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et_PsaAgArbn_Per1_AbsltHwPosnVId_C et_PsaAgArbn_Per1_AbsltHwPosn_HwD et_PsaAgArbn_Per1_AgArbnStToSerlCo et_PsaAgArbn_Per1_AlignedCumMechN et_PsaAgArbn_Per1_AlignedRelHwPos_ et_PsaAgArbn_Per1_CumMechMtrPosSi et_PsaAgArbn_Per1_EscAckFromSerlCo et_PsaAgArbn_Per1_EscDataVIdFromSe et_PsaAgArbn_Per1_EscOffsEna_Cnt_Ig et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscOffsFromSerlCo	Cnt_lgc Deg_f32 Im_Cnt_enum AttrPosStatus_Cnt_u08 IHwDeg_f32 tatus_Cnt_u08 Dm_Cnt_lgc DerlCom_Cnt_lgc Deccom_HwDeg_f32	
et_PsaAgArbn_Per1_AbsltHwPosn_HwD et_PsaAgArbn_Per1_AgArbnStToSerlCo et_PsaAgArbn_Per1_AlignedCumMechN et_PsaAgArbn_Per1_AlignedRelHwPos_ et_PsaAgArbn_Per1_CumMechMtrPosSi et_PsaAgArbn_Per1_EscAckFromSerlCo et_PsaAgArbn_Per1_EscDataVldFromSe et_PsaAgArbn_Per1_EscOffsEna_Cnt_lo et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscOffsFromSerlCo	Deg_f32 Im_Cnt_enum IntrPosStatus_Cnt_u08 IHwDeg_f32 Itatus_Cnt_u08 Im_Cnt_lgc Introduced by the common com	
et_PsaAgArbn_Per1_AgArbnStToSerlCo et_PsaAgArbn_Per1_AlignedCumMechN et_PsaAgArbn_Per1_AlignedRelHwPos_ et_PsaAgArbn_Per1_CumMechMtrPosSi et_PsaAgArbn_Per1_EscAckFromSerlCo et_PsaAgArbn_Per1_EscDataVldFromSe et_PsaAgArbn_Per1_EscOffsEna_Cnt_lo et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscPrecisionFromSet	m_Cnt_enum ftrPosStatus_Cnt_u08 HwDeg_f32 tatus_Cnt_u08 om_Cnt_lgc erlCom_Cnt_lgc gc om_HwDeg_f32	
et_PsaAgArbn_Per1_AlignedCumMechNet_PsaAgArbn_Per1_AlignedRellHwPos_et_PsaAgArbn_Per1_CumMechMtrPosSiet_PsaAgArbn_Per1_EscAckFromSerlCoet_PsaAgArbn_Per1_EscDataVldFromSet_PsaAgArbn_Per1_EscOffsEna_Cnt_loet_PsaAgArbn_Per1_EscOffsFromSerlCoet_PsaAgArbn_Per1_EscOffsFromSerlCoet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_Per1_EscPrecisionFromSet_PsaAgArbn_PsaAgAgArbn_PsaAgArbn_PsaAgArbn_PsaAgAgArbn_PsaAgAgArbn_PsaAgAgArbn_PsaAgAgAgAgAgAgAgAgAgAgAgAgAgAgAgAgAgAgAg	ntrPosStatus_Cnt_u08 LHwDeg_f32 tatus_Cnt_u08 cm_Cnt_lgc erlCom_Cnt_lgc gc cm_HwDeg_f32	
et_PsaAgArbn_Per1_AlignedRelHwPos_ et_PsaAgArbn_Per1_CumMechMtrPosSl et_PsaAgArbn_Per1_EscAckFromSerlCo et_PsaAgArbn_Per1_EscDataVldFromSe et_PsaAgArbn_Per1_EscOffsEna_Cnt_lo et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscPrecisionFromS	_HwDeg_f32 tatus_Cnt_u08 om_Cnt_lgc erlCom_Cnt_lgc gc om_HwDeg_f32	
et_PsaAgArbn_Per1_CumMechMtrPosSi et_PsaAgArbn_Per1_EscAckFromSerlCo et_PsaAgArbn_Per1_EscDataVldFromSe et_PsaAgArbn_Per1_EscOffsEna_Cnt_lo et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscPrecisionFromS	tatus_Cnt_u08 om_Cnt_lgc erlCom_Cnt_lgc gc om_HwDeg_f32	
et_PsaAgArbn_Per1_EscAckFromSerlCc et_PsaAgArbn_Per1_EscDataVldFromSe et_PsaAgArbn_Per1_EscOffsEna_Cnt_Ic et_PsaAgArbn_Per1_EscOffsFromSerlCc et_PsaAgArbn_Per1_EscPrecisionFromS	om_Cnt_lgc erlCom_Cnt_lgc gc om_HwDeg_f32	
et_PsaAgArbn_Per1_EscDataVldFromSe et_PsaAgArbn_Per1_EscOffsEna_Cnt_lg et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscPrecisionFromS	erlCom_Cnt_lgc gc om_HwDeg_f32	
et_PsaAgArbn_Per1_EscOffsFromSerlCo et_PsaAgArbn_Per1_EscPrecisionFromS	om_HwDeg_f32	
et_PsaAgArbn_Per1_EscPrecisionFromS		
	SerlCom_HwDeg_f32	
et_PsaAgArbn_Per1_HandwheelAuthorit		
	y_Uls_f32	
et_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
et_PsaAgArbn_Per1_HwTorque_HwNm_		
et_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
et_PsaAgArbn_Per1_VehicleSpeed_Kph		
et_Pim_PsaAgArbnLrndOffsData		
ual Value	Expected Value	Result
	0	-
	1	~
	1	~
145	26.1145	~
503479		
		•
ACAN POWEROUT		•
AGAN_POWERCUT	_	
604510		
		_
	0	
	0	-
	0	•
AGAN_MODININ	PSAAGAN_MODININ	-
	1	✓
7.69495	-1127.69495	~
771019	42.8771019	~
	1	~
		✓
	2	
856995	789.856995	
856995 0.64514	789.856995 -1640.64514	· ·
	789.856995	
1 5 P	t_PsaAgArbn_Per1_ReiHwPos_HwDeg t_PsaAgArbn_Per1_ReiHwPosnToSerId t_PsaAgArbn_Per1_ReiHwPosnVIdToS t_PsaAgArbn_Per1_SensorlessAuthorid t_PsaAgArbn_Per1_SensorlessAuthorid t_PsaAgArbn_Per1_SensorlessHwPos_ t_PsaAgArbn_Per1_TorqueCmdCRF_M t_PsaAgArbn_Per1_VehicleSpeedValid t_PsaAgArbn_Per1_VehicleSpeed_Kph t_Pim_PsaAgArbnLrndOffsData ial Value 45 603479 AGAN_POWERCUT 694519 80786 6399658 AGAN_MODININ	t_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 t_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 t_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc t_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 t_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 t_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 t_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 t_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc t_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 t_Pim_PsaAgArbnLmdOffsData





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	542.408936	542.408936	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.989199996	0.989199996 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	383.832794	383.832794 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.17 (Repeat Count = 1)	Immust Value
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1398.95166
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	829.523926
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.70489979
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-393.89679
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-890
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.109499998
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	804.018799
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1586.18396
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1385.05249
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
C_CmnSysTrqRatio_HwNmpMtrNm_f32	80.6458969
PsaAgAn AbsHwPosLvI1 HwDeg f32	0.940299988
C PsaAgAn AbsHwPosLvl2 HwDeg f32	6.46630001
z_PsaAgAn_EpsPrec_HwDeg_f32	20
:_PsaAgAn_MinPrecFail_HwDeg_f32	495.132507
S PsaAgAn OffsDataInitMaxOffs HwDeg f32	1625.68835
S PsaAgAn OffsDataInitMaxSrc Cnt u08	2
S PsaAgAn OffsDataInitMinOffs HwDeg f32	104.125298
S PsaAgAn OffsDataInitMinSrc Cnt u08	2
C PsaAgAn OffsetPolarity HwDeg f32	-0.0854000002
S PsaAgAn VehCondMaxHwTrq HwNm f32	9.99100018
<pre>c_rsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32</pre>	0.443699986
<pre><_rsangAn_vencondimaxinityei_initradp3_i32</pre> <pre><_PsaAgAn_VehCondMaxPinTrq_HwNm_f32</pre>	-0.299800009
<pre><_r sangan_vencondmax irriq_rividin_is2</pre> <pre><_PsaAgAn_VehCondMaxVehSpd_Kph_f32</pre>	9.16699982
CPSaAgAn_VenCondMinTi mS u32	824
C_FsaAgAn_Vencondiviiir1_in5_u32 :_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[0]	32768

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Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	10 25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1451.64819		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	525.362671		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	231		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1563.10938		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	76		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	309.54599		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.8458996		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.2665		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-554.646606		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2642.63721		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.503400028		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1519.24365		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.46560001		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 161.472		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvI1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enun			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_CumMechMtrPosS target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1 14.4106731	1 14.4106731	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-67.2811279	-67.2811279	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.83203173	-5.83203173	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-411.498901	-411.498901	•
		-770.633301	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-770.633301		
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	PSAAGAN_MODFAIL 0	PSAAGAN_MODFAIL 0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	

PsaAgArbn_Per1





Name	Actual Value	Expected Value	Result
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1586.18396	-1586.18396	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1385.05249	1385.05249	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1625.68835	1625.68835	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	104.125298	104.125298	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	100.565674	100.565674	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.503400028	0.503400028 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1519.24365	1519.24365 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.18 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	850.830505
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	707.619873
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.44079971
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.898299992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1126.91492
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.898299992
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	890
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.898299992
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1023.83459
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn StInit Cnt M Igc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	593.323914
PsaAgAn UsedOffs Uls M str.MinOffset	-1183.58325
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn UsedOffs Uls M str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn
k CmnSysTrqRatio HwNmpMtrNm f32	1.39769995
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	2.40070009
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	23.2954998
k_PsaAgAn_EpsPrec_HwDeg_f32	8.53339958
k_PsaAgAn_MinPrecFail_HwDeg_f32	264.637787
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-672.893005
k PsaAgAn OffsDataInitMaxSrc Cnt u08	2

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<u> </u>			
Name	Input Value		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1149.69226		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.0799999982		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.19070005 0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k PsaAgAn VehCondMaxPinTrg HwNm f32	8.54139996		
k PsaAgAn VehCondMaxVehSpd Kph f32	6.53070021		
k_PsaAgAn_VehCondMinTi_mS_u32	5888		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	715.519287		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-253.520905		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	193		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1755.67676		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscAckPromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1173.90186		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.83300018		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	74.6992035		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1801.09875		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	858.204712		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.50559998		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	319.136902		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	· - ·		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnVid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AbsltHwPosn_Hw target_PsaAgArbn_Per1_AgArbnStToSerlC	-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 CumMechMtrPosStatus Cnt u0			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		ICom_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	· · · · - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	11_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Evnested Value	B
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	850.830505	850.830505	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	707.619873	707.619873	
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAqAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN DEFECT	,

PSAAGAN_DEFECT

PsaAgAn_EscOffsSt_Cnt_M_enum

PSAAGAN_DEFECT

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.1999135	6.1999135	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	181.709534	181.709549	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	93.8624268	93.8624268	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	593.323914	593.323914	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1183.58325	-1183.58325	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-672.893005	-672.893005	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1149.69226	1149.69226	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	888.453613	888.453613 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	295.129639	295.129639	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	858.204712	858.204712 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Sten 2.40 (Beneat Count = 4)	
Test Step 3.19 (Repeat Count = 1)	<u> </u>
Name	Input Value
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1648.21484
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1075.44727
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.0194
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.128000006
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-988.571594
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.128000006
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	425.786804
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.128000006
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1376.86243
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-596.825989
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	299.254608
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0





Name	Input Value
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
C_CmnSysTrqRatio_HwNmpMtrNm_f32	7.30009985
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	6.35050011
:_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	11.4349003
_PsaAgAn_EpsPrec_HwDeg_f32	19.2600994
_PsaAgAn_MinPrecFail_HwDeg_f32	158.3564
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1187.42615
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	796.918518
r_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
_PsaAgAn_OffsetPolarity_HwDeg_f32	0.450899988
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.55430031
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.26979995
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.86759996
_PsaAgAn_VehCondMinTi_mS_u32	2929
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-40.5950012
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	-794.483398
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	0
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	202
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	820.764221
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	186
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
	409.333191
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.7277
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.16629982
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-330.459015
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	215.085403
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1593.07166
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.72310019
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	506.485992
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2361819606
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target PsaAgArbn Per1 EscOffsEna Cnt Igc
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwI	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
arget_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
arget_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
arget Dto Inst An DooAgArba DooAgArba Dor1 VehicleSpeed Kab 522	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	

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Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	Ī	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1648.21484	-1648.21484	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1075.44727	-1075.44727	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0.355630398	0.355630398	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-904.333191	-904.333191	✓
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	377.96936	377.96936	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-596.825989	-596.825989	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	299.254608	299.254608	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1187.42615	1187.42615	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	796.918518	796.918518	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	148.785675	148.785675	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1593.07166	-1593.07166 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.20 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-656.346375
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-355.318604
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.11630011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	983.786377
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-41.4518013





Namo	Input Value
Name PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn StInit Cnt M Igc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	480.709106
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1546.11206
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	78.8690033
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	6.32089996
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	22.1982994 16.4305
k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_MinPrecFail_HwDeg_f32	83.6843033
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	425.805115
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-828.228882
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.720300019
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.63719988
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0930000022
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.4533
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.88549995
k_PsaAgAn_VehCondMinTi_mS_u32	1982
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbeltHwAuthyY_UIs_u1p15[1]	32768 0
t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[2] t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[3]	0
t_PsaAgAn_AbsittwAddity1_ots_u1p13[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1017.06677
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1279.28894
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	24
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3431.44629
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	202
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-19.1091003
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	14.8205996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.91790009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-356.184998
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1342.47986
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1258.37427
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.42070007
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	363.40741
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lqc	913992808 target PsaAgArbn Per1 AbsitHwPosnLvl1 Cnt lgc
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AbsitHwPosnLvi1_Cnt_igc target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AbsitHwPosnLvi2_Cnt_igc	target_PsaAgArbn_Peri_AbsitHwPosnLvl1_Cnt_lgc target_PsaAgArbn_Peri_AbsitHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_HandwheelAuthority_Uis_132 target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_HandwheelPosition_HwDeg_f32	,
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
	,





Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSer	ICom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	target PsaAgArbn Per1 SensorlessHwPos HwDeg f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target PsaAgArbn Per1 VehicleSpeedValie	d Cnt Igc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	45.0153847	45.0153847	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-17.4868126	-17.4868126	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~	
PsaAgAn ComputedOffs Uls M str.MinSrc	2	2		
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN POWERCUT	PSAAGAN POWERCUT	•	
PsaAgAn EscProc Cnt M Igc	0	0		
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	2.90073538	2.9007349	•	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-353.639038	-353.639038	~	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-659.957947	-659.957947	•	
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODFAIL	PSAAGAN MODFAIL	~	
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	0	~	
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0		
PsaAgAn ResetEsc Cnt M Igc	0	0	~	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL	PSAAGAN MODFAIL		
PsaAgAn StInit Cnt M Igc	1	1	~	
PsaAgAn UsedOffs Uls M str.MaxOffset	480.709106	480.709106		
PsaAgAn UsedOffs Uls M str.MinOffset	1546.11206	1546.11206	~	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•	
target Pim PsaAgArbnLrndOffsData.MaxOffset	425.805115	425.805115	_	
target Pim PsaAgArbnLrndOffsData.MinOffset	-828.228882	-828.228882	•	
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	•	
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0		
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc.value	0	0	•	
target PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg f32.value	0	0 ± 1e-05		
target PsaAgArbn Per1 AbsitHwPosnVld Cnt Igc.value	0	0	•	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1013.41058	-1013.41058		
target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum.value	1	1	•	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•	
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	1258.37427	1258.37427 ± 0.00001	•	
target PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg f32.value	0	0 ± 1e-05	•	
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	0	0	•	
	I -	I.		

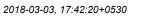
Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntolVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 3.21 (Repeat Count = 1)	y
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1264.18201
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1627.09119
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0





Name	Input Value
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	5.31759977
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0.464300007 -1345.92664
PsaAgAn MtrVeilPF Uls M str.K Uls f32	0.464300007
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-875.089783
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.464300007
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	517.5979
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1180.17261
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1120.86865
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.0839005
k_PsaAgAn_AbsHwPosLvI1_HwDog_f32	15.5125999
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8.17619991
k_PsaAgAn_EpsPrec_HwDeg_f32	3.8053
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	329.686493 -1040.5293
k_PsaAgAn_OffsDataInitMaxOffs_nwbeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1548.31799
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.68009996
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.4216001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	3672
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-838.179077
target_Pim_PsaAgArbnLrndOffsData.MinOffset	315.611115
target_Pim_PsaAgArbnLrndOffsData.MaxSrc target Pim PsaAgArbnLrndOffsData.MinSrc	1 0
target_Pim_PsaAgArbnErndOiisData.wiinSrc target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	96
target_PsaAgArbn_Per1_AlignedCultiMechivitiPosStatus_Crit_uoo.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-21.3705997
target_PsaAgArbn_Per1_AlighedReinwPos_nwbeg_is2.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	-21.3/03997 169
target_PsaAgArbn_Per1_CurriwecriwitiPosStatus_Crit_uoo.value	1
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	1142.6167
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.1767006
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.84389997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-775.717773
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2749.57983
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1191.12695
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.0783
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	15.7368002
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target wie inct an Deagagrap Deagagraph Deri CumMechilitheeStatue Cat un	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1169.59875	1169.59875	
PsaAgAn ComputedOffs Uls M str.MinOffset	1115.63464	1115.63464	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	V
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN_DEFECT	V
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.70476103	3.70476103	V
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1081.17871	-1081.17871	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-503.495117	-503.495117	V
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	V
PsaAgAn RelHwPosnVldToSerlCom Cnt M Igc	0	0	
PsaAgAn ResetEsc Cnt M Igc	0	0	V
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_Stinit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1180.17261	1180.17261	
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	1120.86865	1120.86865	_
PsaAgAn UsedOffs Uls M str.MaxSrc	1	1	_
PsaAgAn UsedOffs Uls M str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1040.5293	-1040.5293	-
target Pim PsaAgArbnLrndOffsData.MinOffset	-1548.31799	-1548.31799	
target Pim PsaAqArbnLrndOffsData.MaxSrc	1	1	-
target Pim PsaAgArbnLrndOffsData.MinSrc	1	1	-
target PsaAgArbn Per1 AbsItHwPosnLvI1 Cnt Igc.value	0	0	-
target PsaAqArbn Per1 AbsltHwPosnLvl2 Cnt Iqc.value	0	0	-
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	29.6519775	29.6519775 ± 1e-05	
target PsaAgArbn Per1 Absittiwr osiir recision_nwbeg_loz.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1150.52063	-1150.52063	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target PsaAgArbn Per1 HandwheelAuthority Uls f32.value	1	1 ± 1e-05	-
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-1191.12695	-1191.12695 ± 0.00001	-
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~
target_1 our gribit_1 or 1_1toll twi out via 100chount_ont_lgo.value	·	· ·	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Step 3.22 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	-1576.17163
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-495.381714
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_Igc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-6.68690014
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983 869.848816
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	665.358398
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1571.81494
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	162.711105
PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn UsedOffs Uls M str.MaxSrc	496.163391
PsaAgAn_UsedOffs_Uls_M_str.MinSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0 2
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	97.4243011
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	12.9413004
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	9.00059986
k_PsaAgAn_EpsPrec_HwDeg_f32	9.21080017
k_PsaAgAn_MinPrecFail_HwDeg_f32	496.409393
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-713.3703
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1233.35608
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	2 0.0776999965
k PsaAgAn VehCondMaxHwTrq HwNm f32	4.23920012
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.247899994
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.0855
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.91849995
k_PsaAgAn_VehCondMinTi_mS_u32	3929
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	0
t PsaAqAn AbsithwPosnPrecX HwDeg u16p0[2]	10 25
t PsaAgAn AbsitHwPosnPrecX HwDeg_u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	-13.0608997
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1338.67651
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	162
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6059.20459
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	12
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1360.3197
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.32870007
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.21799994
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1128.95105
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1654.66626
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.310499996
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	446.803711
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.7486999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	413.46759
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	JUJ 1002020

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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_InstAp_Inst_Ap_Inst$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN	/trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	_HwDegf32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.Psa$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	serlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target PsaAgArbn Per1 VehicleSpeedValid	Cnt lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	 1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	_
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	-1576.17163	-1576.17163	•
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-495.381714	-495.381714	
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	_
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	6.19347954	6.19348049	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1128.45874	1128.45874	_
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	665.358398	665.358398	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	0	•
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	_
PsaAgAn ResetEsc Cnt M Igc	0	0	V
PsaAgAn SnsrMod Cnt M enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	_
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	162.711105	162.711105	-
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	496.163391	496.163391	✓
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	-
target Pim PsaAgArbnLrndOffsData.MaxOffset	-713.3703	-713.3703	_
target Pim PsaAgArbnLrndOffsData.MinOffset	1233.35608	1233.35608	•
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	_
target Pim PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	_
target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc.value	0	0	✓
target PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-329.437256	-329.437256	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value		7	-
and an			
target PsaAgArbn Per1 HandwheelAuthority IIIs f32 value	7		✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.310499996	0.310499996 ± 1e-05	· ·
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	0.310499996 446.803711	0.310499996 ± 1e-05 446.803711 ± 0.00001	~
	0.310499996	0.310499996 ± 1e-05	•



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.23 (Repeat Count = 1)	
Name	Input Value
	1
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	165.433899
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-270.454987
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.44999981
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0278999992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	636.544373
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0278999992
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	756.21759
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998132586
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1020.99701
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-16.9468002
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-592.268188
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	46.1977005
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	5.70569992
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	27.5655994
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	381.989899
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-606.001587
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-788.324097
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.581099987
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.81110001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.323199987
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.01200008
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.51159954
k_PsaAgAn_VehCondMinTi_mS_u32	1551
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	68.5074005
target_Pim_PsaAgArbnLrndOffsData.MinOffset	743.307922
target Pim PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	0
targot_1 iii_1 oangnibiiLiiidollobata.iviiiiolo	V





Name	Input Value		
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	124		
rarget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5677.33203		
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	82		
rarget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value rarget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0 1		
arget PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1367.45435		
rarget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	22.8367004		
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.42339993		
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1290.07971		
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2744.58569		
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	460.918488		
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.05710006		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	356.118896		
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		0-4 1	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_(
<pre>iarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc iarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_</pre>	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0 target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnVid Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
rarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
:arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM		
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosSi	tatus_Cnt_u08	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	jc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
rarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
rarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
<pre>iarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32</pre> <pre>iarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_</pre>	target_PsaAgArbn_Per1_RelHwPos_HwDeg target_PsaAgArbn_Per1_RelHwPosnToSerl0		
arget_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target PsaAgArbn Per1 SensorlessAuthorit	:	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	· 	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
arget_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-751.791016	-751.791016	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-837.464355	-837.464355	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	·
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 -5.47715759	0 -5.47715759	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0 -5.47715759 582.791565	0 -5.47715759 582.791565	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0 -5.47715759 582.791565 -53.7435913	0 -5.47715759 582.791565 -53.7436295	•
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0	0
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0	0
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0	0
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	0
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1	0
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc larget_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc larget_Pim_PsaAgArbnLrndOffsData.MaxOffset larget_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005 743.307922	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005 743.307922	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005 743.307922 0	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005 743.307922 0	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc larget_Pim_PsaAgArbnLrndOffsData.MaxOffset larget_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 -5.47715759 582.791565 -53.7435913 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005 743.307922	0 -5.47715759 582.791565 -53.7436295 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -16.9468002 -592.268188 0 0 68.5074005 743.307922	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	287.660706	287.660706 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	304.607483	304.607483	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	460.918488	460.918488 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓.
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

lame	Input Value
	0
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	389.222809
saAgAn_ComputedOffs_Uls_M_str.MaxOffset	111
saAgAn_ComputedOffs_Uls_M_str.MinOffset	-1669.16943 1
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
saAgAn_ComputedOffs_Uls_M_str.MinSrc	PSAAGAN POWERCUT
saAgAn_EscOffsSt_Cnt_M_enum	1
saAgAn_EscProc_Cnt_M_lgc	-7.35230017
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.5176
saAgAn_mtrVelLPF_UIs_M_str.SV_UIs_f32	1344.20447
saAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.5176 409.455994
saAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0.32249999
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32 saAgAn PrevSnsrMod Cnt M enum	0.32249999 PSAAGAN MODREL
·	1583.10901
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1565.10901
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
saAgAn_ResetEsc_Cnt_M_lgc	1
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_StInit_Cnt_M_lgc	1
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-721.597229
saAgAn_UsedOffs_Uls_M_str.MinOffset	363.148285
saAgAn_UsedOffs_UIs_M_str.MaxSrc	1
saAgAn_UsedOffs_Uls_M_str.MinSrc	1
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTim	
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	6.24350023
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	16.0732994
PsaAgAn_AbsHwPosLvl2_HwDeg_f32	30
_PsaAgAn_EpsPrec_HwDeg_f32	6.08939981
_PsaAgAn_MinPrecFail_HwDeg_f32	288.188507
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1045.58252
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1306.99756
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
_PsaAgAn_OffsetPolarity_HwDeg_f32	1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.41060019
PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.396800011
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
_PsaAgAn_VehCondMinTi_mS_u32	374
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0

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Input Value





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1251.58252		
target Pim PsaAgArbnLrndOffsData.MinOffset	1258.50854		
target Pim PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	63		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8751.02344		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	228		
target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0		
	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value			
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-13.8245001		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	7.54580021		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.75370002		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-710.477905		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2815.64844		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-160.708405		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.9776001		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	32.6335983		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	1820923986		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrec	ision HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t	· · · ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ity_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0	0	-
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
	389.222809	389.222809	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset		1	- J
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1669.16943	-1669.16943	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.9720645	-4.9720645	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	280.700928	280.700867	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	260.455261	260.455231	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
		DOLLOW MODELII	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
	PSAAGAN_MODFAIL 1	PSAAGAN_MODFAIL 1	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	_		~
PsaAgAn_StInit_Cnt_M_lgc	1	1	

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Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1045.58252	-1045.58252	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1306.99756	-1306.99756	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	179.224457	179.224457	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-160.708405	-160.708405 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.25 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1600.63098
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	955.61908
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.57420015
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-643.530579
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	856.211121
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	122.217499
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1577.31812
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	165.316193
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	25.7583008
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	1.55089998
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.02829981
k_PsaAgAn_EpsPrec_HwDeg_f32	14.8591003
k_PsaAgAn_MinPrecFail_HwDeg_f32	221.210403
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1255.39697
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-363.773285
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.756699979

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PsaAgArbn_Per1



			1-4-1-10-10
Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.34259987		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.38800001		
k_PsaAgAn_VehCondMinTi_mS_u32	8215		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1527.91541		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	110		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8895.21875		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	238		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-174.930099		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.34429979		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.56210005 -142.124207		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-142.124207 -2554.30249		
	0.584299982		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	-759.292603		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.53480005		
target_PsaAgArbn_Per1_vehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	409.683197		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target PsaAgArbn Per1 AbsltHwPosn HwI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t	f target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	151.572998	151.572998	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	113.166199	113.166199	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	~
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.56782293	-1.56782305	~
	The state of the s		

-143.076874

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32

-143.076889

target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$

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PsaAgArbn_Per1	03-03, 17.42.20 10330	R	Zorcat
Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	39.5264282	39.5264091	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	151.572998	151.572998	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	113.166199	113.166199	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	151.572998	151.572998	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	113.166199	113.166199	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	19.2033997	19.2033997 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.584299982	0.584299982 ± 1e-05	~
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-759.292603	-759.292603 ± 0.00001	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

-1630

-1630 ± 1e-05

Test Step 3.26 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	279.895691
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	186.878998
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.6832
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	153.163498
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0714000016
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-689.640686
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-78.6998978
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	288.603485
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1129.74146
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	12.0075998

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Name	Input Value		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	16.6896		
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	20.0564003		
k_PsaAgAn_EpsPrec_HwDeg_f32	20		
k_PsaAgAn_MinPrecFail_HwDeg_f32	433.978485		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-406.689606		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-725.245117		
k_PsaAgAn_OffsaBalarity_llyuPsa_623	2 0.201000005		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.291099995 3.23659992		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.71070004		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10		
k PsaAgAn VehCondMinTi mS u32	3642		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	785.85083		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	44		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3762.15186		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	194		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDatavidr1offiSeriCoffi_Crit_igc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	790.649902		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	9.2961998		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.05190003		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1191.27502		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1626.73364		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1376.20764		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.932699978		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	130.753296		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	1331302395		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_		i2	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		mt00	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_		nt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMecnMtrPosStatus_Cnt_uu8 target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_I		c	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	,	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg		2	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	<u></u>	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lg	c	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
	target_Pim_PsaAgArbnLrndOffsData		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData			
Name	Actual Value Expected Va	alue	Resul
	Actual Value	alue	Resul

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	279.895691	279.895691	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	186.878998	186.878998	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-1.63812518	-1.63812518	•
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	227.284668	227.284668	•
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-639.675781	-639.675781	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	288.603485	288.603485	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1129.74146	-1129.74146	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-406.689606	-406.689606	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-725.245117	-725.245117	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	709.172485	709.172485 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	420.56897	420.56897	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1376.20764	-1376.20764 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.27 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	668.793274
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1352.86206
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.43319988
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1179.12427
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-162.617798
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	211.765305
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0





Namo	Input Value
Name PsaAnAn SnerMod Cnt M anum	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	PSAAGAN_MODABSLT
	-243.251099
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1588.20093
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1306.20093
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	87.6287003
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	23.6219997
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	28.3118992
k_PsaAgAn_EpsPrec_HwDeg_f32	7.62629986
k_PsaAgAn_MinPrecFail_HwDeg_f32	355.109894
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1243.32703
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1142.13049
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.259299994
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.38899994
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.130099997
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.47179985
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.76570034
k_PsaAgAn_VehCondMinTi_mS_u32	4886
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1138.38892
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1273.30115
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	4
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3578.81128
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	225
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1134.80725
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.0235996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1289.11572
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2734.23706
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1290.27173
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.82919979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	170.886597
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target PsaAgArbn Per1 AbsitHwPosn HwDeg f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn Per1_AbsitriwFost_Twbeg_is2 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_AgArbnStToSerlCom_Cnt_enum	
target_rite_inst_Ap_r-saAgArbn.PsaAgArbn Per1_AgArbnSt19Sencom_Cnt_enum target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AlignedCulliweciliwitrosStatus_ target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedReinwPos_nwDeg_isz target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0;	
target_Rte_Inst_Ap_FsaAgArbn.FsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_inst_ap_PsaAgArbn.PsaAgArbn_Per1_escAckFromSeriCom_Cnt_gc target_Rte_inst_ap_PsaAgArbn.PsaAgArbn_Per1_escDataVldFromSeriCom_Cnt_li	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32$	
	target PsaAgArbn Per1 HwTorque HwNm f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32





Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1138.38892	1138.38892	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1273.30115	-1273.30115	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.96877766	9.9687767	~	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1288.90674	-1288.90674	~	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-675.087097	-675.087097	~	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	~	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~	
PsaAgAn_StInit_Cnt_M_lgc	1	1	~	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1138.38892	1138.38892	~	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1273.30115	-1273.30115	~	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1138.38892	1138.38892	~	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1273.30115	-1273.30115	~	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~	
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1205.84497	1205.84497 ± 1e-05	~	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~	
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	-1562.54382	-1562.54382	~	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1290.27173	-1290.27173 ± 0.00001	~	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	~	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.28 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	114.698196	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	920.38147	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.82679999	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.864400029	





Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	658.63739
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	855.661316
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	73.4181976
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-316.217712
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	695.856323
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	51.4085999
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	6.59189987
k PsaAgAn AbsHwPosLvl2 HwDeg f32	27.5881004
k_PsaAgAn_EpsPrec_HwDeg_f32	12.6645002
	134.5961
k_PsaAgAn_MinPrecFail_HwDeg_f32	-625.930908
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1140 55445
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1140.56445
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.828599989
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.71680021
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.71759987
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.0770998
k_PsaAgAn_VehCondMinTi_mS_u32	5450
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0
target Pim PsaAgArbnLrndOffsData.MinOffset	-427.421814
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target Pim PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	8610.85547
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	97
target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	1
	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-856.419373
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.217
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-601.927307
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1795.80042
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1255.2146
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.15170002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	232.455505
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2546663609
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_lt	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
Target I to I instruction and the samphing of	wigot, swighting of the control following invited in the control i





target Rese Ind.A.p. PsasAgArton PsasAgA	Name	Input Value		
targer, Pier, Ind.A.p. PsaAgArton, PsaAg	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target, P.B., Inst.A. p. PasadyArth PasadyArth. Part Miches J. Word, 152 target, P.B., Inst.A. p. PasadyArth PasadyArth. Part Retherboart.058/COM Hubber (1974). target, P.B., Inst.A. p. PasadyArth PasadyArth. Part Retherboart.058/COM Hubber (1974). target, P.B., Inst.A. p. PasadyArth. Part Retherboart.058/COM Hubber (1974). target, P.B., Inst.A. p. PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., Inst.A. p. PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., Inst.A. p. PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part Agrithm. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part J. SensoriessAuthority, UI, P.Z. (1974). target, P.B., PasadyArth. Part J. SensoriessAuthority, UI, P.Z. (1974). target, PasadyArth. Part J. Sens	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
singel, Tike net A.p. PasagAythn PasagArth Past ReltHwPos. Molego 12	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
Isrget_Ric Inst. Ap. PasAgAAnn PasAgArtin PasAg	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target, Ric. Inst. Ap. PasAgArton PasAgArton Past Sensoriesas Alwhorst, Vills, 192	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
Integred_File_Inst_Ap_PsaAgAntn_PsaAgAntn_PsaTes_PsinoressHivPos_HVDeg_IS2 target_File_Inst_Ap_PsaAgAntn_PsaTes_ApAntn_ApAnt	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
Isrget, Ris_Inst, Ap_PsaAgArbn PsaAgArbn, Per1_VehicleSpeedValid_Cnt.lgc Isrget, Ris_Inst, Ap_PsaAgArbn PsaAgArbn, Per1_VehicleSpeedValid_Cnt.lgc Isrget, Ris_Inst, Ap_PsaAgArbn PsaAgArbn, Per1_VehicleSpeed Vgh_G2 Isrget, Ris_Inst, Ap_PsaAgArbn PsaAgArbn, Per1_VehicleSpeed Vgh_G2 Isrget, Ris_Inst, Ap_PsaAgArbn PsaAgArbn, Per1_VehicleSpeed Vgh_G2 Isrget, Ris_Inst, Ap_PsaAgArbn, PsaAgArbn, Per1_VehicleSpeed Vgh_G2 Isrget, Ris_Inst, Ap_PsaAgArbn, Ris_Inst, Ap_PsaAgA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
Isrget, Rie_Inst, Ap_PsaAgArbn PsaAgArbn, Perf_VehicleSpeed Vinit_Cnt_lgo Isrget_Rie_Inst, Ap_PsaAgArbn PsaAgArbn Perf_VehicleSpeed Vinit_Cnt_lgo Isrget_Rie_Inst, Ap_PsaAgArbn PsaAgArbn PsaA	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
Isrget_Rite_Inst_Ap_PsaAgArtn_PreaAgArtn_Port_VerbicleSpeed_Kpt_R2 Isrget_Rite_Inst_Ap_PsaAgArtn_PreaAgArtn_InroOffsData Isrget_Pin_PsaAgArtn_PreaAg	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/ltrNm_f32	
Name	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
Name Actual Value Expected Value Result PaaAgAn, Abstith/Poorl. VI2, Crt., M. Igc 0 0 0 PaaAgAn, AgArchrOffsFIEDetd, Crt., M. Igc 1 1 1 PaaAgAn, AgArchOffsFIEDetd, Crt., M. Igc 1 1 1 PaaAgAn, CamputedOffs, Lius, M. str. MaxSfore -882.747559 -882.747559 PsaAgAn, ComputedOffs, Lius, M. str. MinSfore 2 2 2 PsaAgAn, ComputedOffs, Lius, M. str. MinSfore 2 2 2 PsaAgAn, EscorpteeOffs, Lius, M. str. MinSfore 2 2 2 PsaAgAn, EscorpteeOffs, Lius, M. str. MinSfore 2 2 2 PsaAgAn, Escorptee, Cnrl, M. Igc 0 0 0 PsaAgAn, Escorptee, Cnrl, M. Igc 0 0 0 PsaAgAn, Mrvell-PF, Lius, M. str. SV, Uis, F32 8.39628001 8.39628001 -430.994781 PsaAgAn, Previncind, Crt., M. enum PSAAGAN, MODFAIL PSAAGAN, MODFAIL PSAAGAN, MODFAIL PsaAgAn, PsevEnschold, Crt., M. enum PSAAGAN, MODFAIL PSAAGAN, MODFAIL PSAAGAN, MODFAIL PsaAgAn, Sinit, Crt., M.	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
PsaAgAn_AbaithwPosnLvi2_Cnt_M_igc	target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
PsaAgAn_AgArtnOffsFitDetd_Cnt_M_lgc	Name	Actual Value	Expected Value	Result
PasAgAn_AgArbnOffsPI_Cnt_M_lgc	PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset -682.747559 -682.747559 -736.51062		1	1	✓
P8aAgAn_ComputedOffs_Uls_M_str.MinOffset -882.747559 -882.747559 -882.747559 -882.747559 -878.51062 -736.510	PsaAgAn AgArbnOffsFlt Cnt M lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset		-682.747559	-682.747559	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 2 2 2 2 2 2 2 2 2		-736.51062	-736.51062	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 2 2 2 2 2 2 2 2 2	PsaAgAn ComputedOffs UIs M str.MaxSrc	2	2	✓
PSAAGAN_ESCOFTCS_Cnt_M_log		2	2	~
PsaAgAn_HWTrqLPF_UIs_M_str.SV_UIs_f32 8.39628601 8.39628601 PsaAgAn_MIVFeLIPF_UIs_M_str.SV_UIS_f32 430.994812 430.994781 PsaAgAn_PinionTrqLPF_UIS_M_str.SV_UIS_f32 29.0552368 29.0552368 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSeriCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_lgc 0 0 PsaAgAn_ReselEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SinkIt_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIS_M_str.MaxOffset 316.217712 -316.217712 PsaAgAn_UsedOffs_UIS_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_UIS_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_UIS_M_str.MaxSrc 1 1 PsaAgAn_UsedOffs_UIS_M_str.MaxSrc 1 1 PsaAgAn_UsedOffs_UIS_M_str.MaxSrc 0 2 PsaAgAn_UsedOffs_UIS_M_str.MaxSrc 1 1 Varget_Im_PsaAgArbnLmdOffsData_MaxSrc 0 0 Larget_Im_PsaAgArbnLmdOffsData_MaxSrc		PSAAGAN DEFECT	PSAAGAN DEFECT	✓
PsaAgAn_MitVelLPF_Uls_M_str.SV_Uls_f32 430.994812 -430.994781 PsaAgAn_PirionTrqLPF_Uls_M_str.SV_Uls_f32 29.0552368 29.0552368 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ReslEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Shint_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 695.856323 695.856323 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinGfset 1 1 target_Pim_PsaAgArbnLmdOffsData MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLmdOffsData MinGrset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLmdOffsData MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0	PsaAgAn EscProc Cnt M Igc	0	0	-
PsaAgAn_MitVelLPF_Uls_M_str.SV_Uls_f32 430.994812 -430.994781 PsaAgAn_PirionTrqLPF_Uls_M_str.SV_Uls_f32 29.0552368 29.0552368 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ReslEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Shint_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 695.856323 695.856323 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinGfset 1 1 target_Pim_PsaAgArbnLmdOffsData MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLmdOffsData MinGrset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLmdOffsData MinSrc 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0	PsaAgAn HwTrqLPF Uls M str.SV Uls f32	8.39628601	8.39628601	✓
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 29.0552368 29.0552368 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnToSerICom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_lgc 0 0 PsaAgAn_SInit_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stinit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset -316.217712 -316.217712 PsaAgAn_UsedOffs_UIs_M_str.Minoffset 695.856323 695.856323 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 2 2 PsaAgAn_UsedOffs_UIs_M_str.MinSrc 1 1 target_Pim_PsaAgArbnLmdOffsData.MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 1 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PsaAgArbn_Pert_AbsitHwPosnLvf_Cnt_lgc.value 0 0 target_PsaAgArbn_Pert_AbsitHwPosnLvf_Cnt_lgc.value 0 0 target_PsaAgArbn_Pert_AbsitHwPosnLvf_Cnt_lgc.value -189.819305 -189.81		-430.994812	-430.994781	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_gc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 target_Pim_PsaAgArbnLmdOffsData.MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value -189.819305 -189.819305 <td></td> <td>29.0552368</td> <td>29.0552368</td> <td>✓</td>		29.0552368	29.0552368	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_gc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 target_Pim_PsaAgArbnLmdOffsData.MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value -189.819305 -189.819305 <td>PsaAgAn_PrevSnsrMod_Cnt_M_enum</td> <td>PSAAGAN_MODFAIL</td> <td>PSAAGAN_MODFAIL</td> <td>-</td>	PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_ResetEsc_Cnt_M_Igc 0 PsAAGAN_MODFAIL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stinit_Cnt_M_Igc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 695.856323 695.856323 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 target_Pim_PsaAgArbnLmdOffsData.MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLmdOffsData.MinOffset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 0 0 -4 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 1 -4 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 1 -4 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 -4 target_PsaAgArbn_Per1_AbsitHwPosnLvi1_Cnt_Igc.value 0 0 -4 target_PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_Igc.value 0 0 -189.819305 -189.819305 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32		0	✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 695.856323 695.856323 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 target_Pim_PsaAgArbnLrndOffsData.MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 1 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 1 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv2_Cnt_lgc.value 0 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLwDeg_f32.value -189.819305 -189.819305 <td< td=""><td>PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc</td><td>0</td><td>0</td><td>-</td></td<>	PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	-
PsaAgAn_StInit_Cnt_M_lgc 1 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -316.217712 -316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 695.856323 695.856323 -95.856323 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 2 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 target_Pim_PsaAgArbnLrndOffsData.MaxOffset -625.930908 -625.930908 -625.930908 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 -1140.56445 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value -189.819305 -189.819305 -189.819305 <tr< td=""><td>PsaAgAn_ResetEsc_Cnt_M_lgc</td><td>0</td><td>0</td><td>✓</td></tr<>	PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -316.217712 -316.217712 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 695.856323 695.856323 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 target_Pim_PsaAgArbnLrndOffsData.MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PaAgArbn_Per1_AbsltHwPosnLv11_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255	PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 695.856323 695.856323 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 1 target_Pim_PsaAgArbnLrndOffsData.MaxOffset -625.930908 -625.930908 -625.930908 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 -1140.56445 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 0 target_Pen_PsaAgArbnLrndOffsData.MinSrc 1 1 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_Igc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_Igc.value 0 0 0 target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_Igc.value 0 0 ±1e-05 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerICom_Cnt_enum.value 7 7 varget_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value -1255.2146 -1255.2146 ± 0.00001 varget_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 varget_PsaAgArbn_Per1_RelHwPosnToSerICom_HwDeg_f32.value -10 0 0 0 0	PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1 4 target_Pim_PsaAgArbnLrndOffsData.MaxOffset -625.930908 -625.930908 -625.930908 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 -1140.56445 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc.value 0 0 0 target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc.value 0 0 0 0 target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value 0 0 0 0 target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value -189.819305 -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 4 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 4 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 4 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 0 ± 1e-05 4	PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-316.217712	-316.217712	•
PsaAgAn_UsedOffs_UIs_M_str.MinSrc 1 1 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxOffset -625.930908 -625.930908 ✓ target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 ✓ target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 ✓ target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 ✓ target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value 0 0 ✓ target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc.value 0 0 ±1e-05 ✓ target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value 0 0 ±1e-05 ✓ target_PsaAgArbn_Per1_AgArbnStToSerICom_Cnt_enum.value 7 7 ✓ target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 ✓ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 ✓ target_PsaAgArbn_Per1_RelHwPosnToSerICom_HwDeg_f32.value 0 0 ±1e-05 ✓	PsaAgAn_UsedOffs_Uls_M_str.MinOffset	695.856323	695.856323	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset -625.930908 -625.930908 target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓	PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset -1140.56445 -1140.56445 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 0 ± 1e-05	PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 ✓	target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-625.930908	-625.930908	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1140.56445	-1140.56445	✓
target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvI2_Cnt_lgc.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc.value 0 0 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05 \$\frac{1}{2}\$ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value -189.819305 -189.819305 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7 7	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value -1255.2146 -1255.2146 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 0 ± 1e-05 **Total Company of the Com	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-189.819305	-189.819305	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1255.2146	-1255.2146 ± 0.00001	✓
	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value 0 0	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 3.29 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0





Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	318.293091
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	12.0402002
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	9.36979961
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.752900004
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-559.928101
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.752900004
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	67.8212967
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.752900004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1099.24792
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1524.16016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	561.308289
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	O
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn 6.88899994
k_CmnSysTrqRatio_HwNmpMtrNm_f32 k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	8.8889994 28.9433002
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	25.4435997
k_PsaAgAn_EpsPrec_HwDeg_f32	15.6058998
k_PsaAgAn_MinPrecFail_HwDeg_f32	6.93429995
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-271.720093
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1101.71228
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.19080019
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.166199997
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.01819992
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.07540011
k_PsaAgAn_VehCondMinTi_mS_u32	245
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-679.068909 266.602604
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	-266.502594 2
target Pim PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	176
target PsaAgArbn Per1 AlignedCultiweCrimitiPosStatus_Crit_ubo.value	-1627.14795
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	60
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1267.71216
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.1352005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.75390005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-126.853798
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1017.50342
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-38.2933006
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.02190018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	493.842499
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32

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Name	Input Value				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVlo	I_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enur	n target_PsaAgArbn_Per1_AgArbnStToSer	Com_Cnt_enum			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08				
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32				
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_uterstand a property of the property of $	target_PsaAgArbn_Per1_CumMechMtrPc	sStatus_Cnt_u08			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc$	target_PsaAgArbn_Per1_EscAckFromSer	lCom_Cnt_lgc			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_EscDataVldFromSerlCom_Cn$	li target_PsaAgArbn_Per1_EscDataVldFror	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cn	t_lgc			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst$	f target_PsaAgArbn_Per1_EscOffsFromSe	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuth	ority_Uls_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3					
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwN	_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_Mtrl				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwD	-			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg					
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt					
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuth				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32					
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVa				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_h	Apn_r32			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1=	- I		
Name	Actual Value	Expected Value	Result		
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0			
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	V		
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-679.068909	-679.068909	,		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-266.502594	-266.502594	-		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2			
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	O DCAACAN INIT	•		
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_los	PSAAGAN_INIT 0	PSAAGAN_INIT 0			
PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.89448881	5.89448881	-		
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-233.866455	-233.866455			
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-5.7093811	-5.70937777	~		
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT			
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1627.14795	-1627.14795	•		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1			
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	·		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODABSLT	PSAAGAN_MODABSLT	~		
PsaAgAn_StInit_Cnt_M_lgc	1	1	~		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-679.068909	-679.068909	_		
PsaAgAn UsedOffs Uls M str.MinOffset	-266.502594	-266.502594	✓		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-679.068909	-679.068909	~		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-266.502594	-266.502594	•		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	Ö	0	~		
target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value	0	0	~		
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	Ō	0	~		
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~		
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~		
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1154.36218	-1154.36218	~		
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~		
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~		
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-38.2933006	-38.2933006 ± 0.00001	~		
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1627.14795	-1627.14795 ± 1e-05	~		
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓		



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

est Step 3.30 (Repeat Count = 1)	le de la companya de
ame	Input Value
saAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	1
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
saAgAn_ComputedOffs_Uls_M_str.MaxOffset	-751.299316
saAgAn_ComputedOffs_Uls_M_str.MinOffset	1065.42554
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
saAgAn_ComputedOffs_Uls_M_str.MinSrc	0
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
saAgAn_EscProc_Cnt_M_lgc	1
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.53600001
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.325899988
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1025.21265
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.325899988
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-86.860199
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.325899988
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1174.44006
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
saAgAn_ResetEsc_Cnt_M_lgc	0
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_StInit_Cnt_M_lgc	1
saAgAn_UsedOffs_Uls_M_str.MaxOffset	171.275299
saAgAn_UsedOffs_Uls_M_str.MinOffset	371.997192
saAgAn_UsedOffs_Uls_M_str.MaxSrc	2
saAgAn_UsedOffs_Uls_M_str.MinSrc	0
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	43.7374992
_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	7.41839981
_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	27.3873005
_PsaAgAn_EpsPrec_HwDeg_f32	3.80159998
PsaAgAn_MinPrecFail_HwDeg_f32	221.217499
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-899.101379
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-314.758392
PsaAgAn OffsDataInitMinSrc Cnt u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	0.0524000004
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.95879996
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.5
PsaAgAn VehCondMaxPinTrg HwNm f32	-2.87299991
PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.09579992
_PsaAgAn_VehCondMinTi_mS_u32	8277
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768
PsaAgAn AbsitHwAuthyY Uls u1p15[2]	0
PsaAgAn_AbsItHwAuthyY_UIs_u1p15[3]	0
PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
PsaAgAn AbsitHwPosnPrecX HwDeg_u16p0[2]	25
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
rsaAgAn_AosithwPoshPrecx_hwDeg_uTopo[5] Irget Pim PsaAgArbnLrndOffsData.MaxOffset	537.732788
· ·	-1679
rget_Pim_PsaAgArbnLrndOffsData.MinOffset	2
ract Dim DooAgArhal radOffoDoto MoyCro	
rrget_Pim_PsaAgArbnLrndOffsData.MaxSrc rrget_Pim_PsaAgArbnLrndOffsData.MinSrc	0





Name	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-544.315674		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	201		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	1 533.40033		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	6.01100016		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.53079987		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	797.947388		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-2304.81152		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1453.39771		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.51070023		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	3.40039992		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsitHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDog_f32	target_PsaAgArbn_Per1_AbsltHwPosnVld_C target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
0 = = = 1 = 0 = = = = 0=	0 - 0	V =	
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target PsaAgArbn Per1 AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	target_PsaAgArbn_Per1_EscDataVldFromSe	rlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	С	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	pm_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromS	erlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	· - -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPos_HwDeg target_PsaAgArbn_Per1_RelHwPosnToSerlC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target PsaAgArbn Per1 SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0		rtoouit
		0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	0 1 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1 1 37.7627792	0 1 1 37.7627792	***
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1 1 37.7627792 18.1375771	0 1 1 37.7627792 18.1375771	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1 1 37.7627792 18.1375771 2	0 1 1 37.7627792 18.1375771 2	-
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 1 37.7627792 18.1375771 2 2	0 1 1 37.7627792 18.1375771 2	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT	-
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	1 1 37.7627792 18.1375771 2 2	0 1 1 37.7627792 18.1375771 2	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 0	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PS5AAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 171.275299	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 171.275299	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Strint_Cnt_M_enum PsaAgAn_Strint_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192	0 1 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Strint_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2 0	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2 0 -899.101379	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 171.275299 371.997192 2 0 -899.101379	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2 0 -899.101379 -314.758392	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 171.275299 371.997192 2 0 -899.101379 -314.758392	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2 0 -899.101379 -314.758392 2	0 1 1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2 0 -899.101379 -314.758392 2	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	1 1 1 37.7627792 18.1375771 2 2 2 PSAAGAN_DEFECT 0 -0.396569967 951.146912 -168.390533 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2 0 -899.101379 -314.758392 2 0	0 1 1 37.7627792 18.1375771 2 2 PSAAGAN_DEFECT 0 -0.396569937 951.146912 -168.390549 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 171.275299 371.997192 2 0 -899.101379 -314.758392 2 0	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-271.63623	-271.63623	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1453.39771	-1453.39771 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

lame	Input Value
PsaAgAn AbsitHwPosnLvl2 Cnt M Igc	0
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1
PsaAgAn AgArbnOffsFlt Cnt M Igc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-623.898499
PsaAgAn ComputedOffs Uls M str.MinOffset	362.342499
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
saAgAn_ComputedOffs_Uls_M_str.MinSrc	0
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN PROCESSING
saAgAn EscProc Cnt M Igc	0
saAgAn HwTrqLPF Uls M str.SV Uls f32	-1.72619998
saAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	766.947388
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn PinionTrqLPF Uls M str.SV Uls f32	658.743103
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODREL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-971.354675
saAgAn RelHwPosnVldToSerlCom Cnt M lgc	1
saAgAn ResetEsc Cnt M lgc	1
saAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT
saAgAn_StInit_Cnt_M_lgc	0
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-1210.03345
saAgAn UsedOffs Uls M str.MinOffset	-680.833801
saAgAn_UsedOffs_Uls_M_str.MaxSrc	0
saAgAn_UsedOffs_Uls_M_str.MinSrc	0
re_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(Elapse	· ·
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio HwNmpMtrNm f32	92.0727997
PsaAgAn AbsHwPosLvI1 HwDeg f32	26.4673996
PsaAgAn AbsHwPosLvl2 HwDeg f32	25.3384991
PsaAgAn_EpsPrec_HwDeg_f32	20
_FsaAgAn_MinPrecFail_HwDeg_f32	178.412003
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1372.39868
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
PsaAgAn_OffsDataInitMaxSrc_Crit_ubb PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-557.588623
_PsaAgAn_OffsDataInitMinOffs_Hwbeg_is2 _PsaAgAn_OffsDataInitMinSrc_Cnt_u08	-007.000023
PsaAgAn OffsetPolarity HwDeg f32	1
PsaAgAn VehCondMaxHwTrq HwNm f32	1.398
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.360100001
	5.39449978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	
PsaAgAn_VehCondMaxVehSpd_Kph_f32 PsaAgAn VehCondMinTi mS u32	9.55140018 1308
	32768
PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
PsaAgAn_AbsItHwAuthyY_UIs_u1p15[1] PsaAgAn AbsItHwAuthyY UIs u1p15[2]	0





7 3d/1g/11b11_1 31 1		(
Name	Input Value		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-618.866028		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	168 -2231.71509		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	56		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	292.775299		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	10.1169996		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.38010001		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1092.33374		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3111.03198		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.679400027		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-113.875		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1085		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	305.570313		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		Out Inc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_u		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Results (Ap_PsaAgArbn.Psa$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	/	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HandwheelPosition target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl0	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	-618.866028	-618.866028	V
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	-
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING	PSAAGAN PROCESSING	-
PsaAgAn_EscProc_Cnt_M_lgc	1	1	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	3.37039757	3.37039804	~
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-1088.80103	-1088.80103	-
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-464.8349	-464.8349	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	V
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-618.866028	-618.866028	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-618.866028	-618.866028	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.679400027	0.679400027 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-113.875	-113.875 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.32 (Repeat Count = 1)	v v
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn ComputedOffs Uls M str.MaxOffset	-318.708008
PsaAgAn ComputedOffs Uls M str.MinOffset	-1218.52625
PsaAgAn ComputedOffs Uls M str.MaxSrc	0
PsaAgAn ComputedOffs Uls M str.MinSrc	1
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING
PsaAgAn EscProc Cnt M Igc	1
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	-8.11349964
PsaAgAn HwTrqLPF Uls M str.K Uls f32	0.998099983
PsaAgAn MtrVeiLPF Uls M str.SV Uls f32	510.059998
PsaAgAn_MtrVeiLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	82.1520004
PsaAgAn PinionTrqLPF Uls M str.K Uls f32	0.998099983
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODREL
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	1544.0498
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn StInit Cnt M Igc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	875.944397
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-5.78649998
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	64.1751022
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	18.7096996
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	18.2005997
k_PsaAgAn_EpsPrec_HwDeg_f32	3.77509999
k_PsaAgAn_MinPrecFail_HwDeg_f32	228.883408
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	185.879898
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-514.88031
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1

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Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.9131999		
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.479299992		
k PsaAgAn VehCondMaxPinTrg HwNm f32	5.93529987		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.94649982		
k PsaAgAn VehCondMinTi mS u32	7712		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target Pim PsaAgArbnLrndOffsData.MaxOffset	-1088.82129		
target Pim PsaAgArbnLrndOffsData.MinOffset	580.156189		
target Pim PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
	242		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	-3118.49536		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value			
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	90		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	804.26947		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.7235003		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.3355999		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-268.420502		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	116.743599		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.690299988		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-416.633911		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	6.36539984		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	186.529404		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2676322286		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	n target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	MtrPosStatus_Cnt_u08	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg		· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	, _ ,		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	I=	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-318.708008	-318.708008	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1218.52625	-1218.52625	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.34657812	-2.34657812	•
	-266.941345	-266.941376	

-266.941345

-266.941376

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$

PsaAgArbn_Per1

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Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	405.54895	405.54895	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	875.944397	875.944397	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-5.78649998	-5.78649998	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	185.879898	185.879898	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-514.88031	-514.88031	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	440.865448	440.865448 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-435.078949	-435.078949	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.690299988	0.690299988 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-416.633911	-416.633911 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~

Test Step Call Trace				_
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

0

Test Step 3.33 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1605.78235
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1677.14746
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.48909998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.863600016
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	652.405823
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.863600016
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	588.504028
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.863600016
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1540.29199
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	797.620483
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	640.232422
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
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k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.2937002





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target Re Call Ap PsaAgArbn Per1_VehicleSpeed_Kph_f32_value target Re Call Ap PsaAgArbn Per1_AbsltHwPosnLv12_Cnt_lgc target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_AbsltHwPosnVd12_Cnt_lgc target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_AbsltHwPosn HwDeg_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_AlsinterVosn_HwDeg_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_AlignedRelHwPos_HwDeg_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_EscDatalvdieromSerlCom_Cnt_lgc target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_HandwheelPoslton_HwDeg_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_HandwheelPoslton_HwDeg_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_HandwheelPoslton_HwDeg_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_HandwheelPoslton_HwDeg_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_HivTorque_HwNm_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_RelHwPosnVidToSerlCom_Cnt_ target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_RelHwPosnVidToSerlCom_Cnt_ target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_SensoriessAuthority_Uis_f32 target_Rie_Inst_Ap_PsaAgArbn PsaAgArbn Per1_Sen	## 197.245895 ## Ric Ball Ap PsaAgArbn Psr1_VehicleSpeed_Kph_f32_value ## Ric Ball Ap PsaAgArbn Psr4_ApArbn SystemTime DtrmEliapsedTime uS u32 Elapse ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr1_AbsltHwPosnLv1_Cnt_lgc ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr1_AbsltHwPosnLw1_Cnt_lgc ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr4_ApArbnSTOSeriCom_Cnt_enum ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr4_ApArbnSTOSeriCom_Cnt_enum ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr4_ApArbnSTOSeriCom_Cnt_enum ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr4_ApArbn Psr4_ApArbn Psr4_ApArbnSTOSeriCom_Cnt_enum ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr4_EscORFisena_Cnt_lgc ## Ric Ball Ap PsaAgArbn Psr4_ApArbn Psr4_Barbn Msr6_Ric Ball App PsaAgArbn Psr4_Barbn Msr6_Ric Barbn Msr6_Ric	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.56070006		
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target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLv1_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVosnLv1_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEns_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEns_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEns_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEns_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEns_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEns_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerICom_LHwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerICom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerICom_LHwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerICom_LHwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerICom_LHwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerICom_LHwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAurbnorty_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAurbnorty_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensoriessAurbnorty_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per	ter Rte Inst Ap, PsaAgArbn.Pea1, AbstlthwPosnLv11_Cnt_Igc ter Rte Inst Ap, PsaAgArbn.Pea1, AbstlthwPosnLv12_Cnt_Igc ter Rte Inst Ap, PsaAgArbn.Pea3AgArbn.Pea1, AbstlthwPosnPrecision, HwDeg, ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, AgArbnStToSeriCom_Cnt_enum ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, AlignedCumMechMtPosStatus, ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, AlignedCumMechMtPosStatus, ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, CumMechMtPosStatus, ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, EscoKeFromSeriCom_Cnt_loc ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, EscoKeFromSeriCom_Cnt_loc ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, EscoKeFromSeriCom_Cnt_loc ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, EscoffsEna, Cnt_loc ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, HandwheelAuthority, Uls [32] ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, HandwheelAuthority, Uls [32] ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, HandwheelAuthority, Uls [32] ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, Hell-WFos, HwDeg, [32] ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, SensoriessAuthority, Uls [32] ter Rte Inst Ap, PsaAgArbn.PsaAgArbn.Pea1, SensoriessAu				
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fst target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosntOserlCom_HwDeg_fsstarget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_fsstarget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_fsstarget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_fsstarget_PsaAgArbn_Per1_RelHwPosntOserlCom_HwDeg_fsstarget_PsaAgArbn_PsaAgArbn_Per1_RelHwPosntVidToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_RelHwPosntVidToSerlCom_Cnt_target_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_fsstarget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_fsstarget_PsaAgArbn_Per1_SensorlessAuthority_Uls_fsstarget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_fsstarget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_fsstarget_PsaAgArbn_Per1_VehicleSpeed_Kph_fsstarget_PsaAgArbn_Per1_VehicleSpeed_Kph_fsstarget_PsaAgArbn_Per1_VehicleSpeed_Kph_fsstarget_PsaAgArbn_Per1_VehicleSpeed_Kph_fsstarget_PsaAgArbn_Per1_VehicleSpeed_Kph_fsstarget_PsaAgArbn_Per1_VehicleSpeed_Kph_fsstarget_PsaAgArbn_Per1_VehicleSpeed_Kph_fsstarget_PsaAgArbn_Per1_VehicleSpee	et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwCeg_f et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_Cnt_ et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn.Pin_PsaAgArbnLrndOffsData me Actual Value Expected Value Actual Value Actual Value Actual Value Actual Value Actual Value Actual Value Expected Value Actual Value				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwLtarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbn.Pim_PsaAgArbn.IrndOffsData Name **Actual Value** **Larget_RsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_f32 target_RsaAgArbn_Per1_LandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_LandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_RelHwPosition_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosition_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_K	et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_f12 target_PsaAgArbn_Per1_RelHwPos_f12 target_PsaAgArbn_Per1_RelHwPos_f12 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_HandwheelAuthority_Uis_f32 target_P	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_HwTorque_HwNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosntOSerlCom_HwDeg_et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosntVidToSerlCom_Cnt_et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pref1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pref1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pref1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pref1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pref1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pref1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pref1_VehicleSpeed_Kph_f32				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Lnt_target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name **Actual Value** **Larget_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrNdp_f32 target_PsaAgArbn_Per1_RelHwPos_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_MoffsData **Actual Value** **Expected Value**	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosntOSerlCom_HwDeg et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosntVidToSerlCom_Cnt_ et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pren_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Fren_Ve	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosntOSerlCom_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrNadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrNdpS_f32 target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Mon_FarAgArbn_Mon_FarAgArbn_FarAgArbn_Mon_FarAgArb	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVidToSerlCom_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_PsaAgArbn_Pre1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pre1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pre1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pre1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pre1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pre1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgAr	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_MtrVelCRF_MtrNdps_f32 target_PsaAgArbn_Per1_RelHwPosnHvDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_Lnt_gc target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_MerloRoffsData	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_In	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Lm_Etarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HvDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_P	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per3_Sen	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVIdToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbn_MconfisData	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ et_Rte_Inst_Ap_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleS	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Igc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArb			_	
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32	et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pim_PsaAgArbnLrndOffsData ### Actual Value Expected Value Res				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_Igc	et_Rte_Inst_Ap_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 et_Rte_Inst_Ap_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn_Pim_PsaAgArbnLrndOffsData me Actual Value Expected Value Res AgAn_AbsltHwPosnLvi2_Cnt_M_Igc				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData	et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbnLrndOffsData Actual Value Expected Value Res AgAn_AbsitHwPosnLvi2_Cnt_M_Igc 0 0				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Pim_PsaAgArbnLrndOffsData Name Actual Value Expected Value	et_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 et_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData Resultation Actual Value Expected Value Resultation Resu				
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData Name Actual Value Expected Value	et_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData me Actual Value Expected Value Res AgAn_AbsltHwPosnLvl2_Cnt_M_lgc 0 0				
Name Actual Value Expected Value	me Actual Value Expected Value Res AgAn_Abs/tHwPosnLv/2_Cnt_M_lgc 0 0			_132	
·	AgAn_AbsltHwPosnLvl2_Cnt_M_lgc 0 0			Evported Volum	Page
ESCRUPIL PUSHI WE USHI MZ A HE WE US. 11				•	Result
. 3 2	ngrai_ngrabilotiol illectu_OliLivi_ige 0				
U U			•	•	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1050.95959	1050.95959	•
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1	1	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	•
PsaAgAn_EscProc_Cnt_M_lgc	1	1	•
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	2.10104704	2.10104704	✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-362.400513	-362.400574	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	61.5567017	61.5567093	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	934.842773	934.842773	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1050.95959	1050.95959	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1050.95959	1050.95959	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	525.479797	525.479797 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	409.362976	409.362976	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.628499985	0.628499985 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1147.90259	1147.90259 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	934.842773	934.842773 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 3.34 (Repeat Count = 1) ✓		
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1414.70569	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	993.776978	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.953499973	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.00410000002	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	272.729401	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.00410000002	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-430.063385	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.00410000002	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-83.1144028	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	





Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	411.278015
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	630.95282
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	3.41120005
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	15.5016003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8.6079998
k_PsaAgAn_EpsPrec_HwDeg_f32	17.6923008
k_PsaAgAn_MinPrecFail_HwDeg_f32	114.038597
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-145.150208
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1211.13647
k_PsaAgAn_OffsatBoloriby_Hypog_f22	1 0.193399996
k_PsaAgAn_OffsetPolarity_HwDeg_f32	3.99699998
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.33109999
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.24410009
k_PsaAgAn_VehCondMinTi_mS_u32	3592
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1450.19995
	-1081.08264
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc target Pim PsaAgArbnLrndOffsData.MinSrc	2
target_Prin_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	155
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6544.35254
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	38
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-912.975525
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	11.2289
target PsaAgArbn Per1 HwTorque HwNm f32.value	4.12610006
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	846.608887
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.85095
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target PsaAgArbn Per1 SensorlessHwPos HwDeg f32.value	687.451294
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-7.28189993
target_PsaAgArbn_Per1_TorqueCriticAr=_withinin_isz.value	1
target_rsaAgArbn_rer1_veriicleSpeed Valid_Crit_igc.value	276.315094
target_rsaAgArbit_ref1_veriliclespeed_kpit_isz.value target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnVld Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsithwPosn HwDeg f32	target PsaAgArbn Per1 Absittiw osinvio_citi_gc
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	0 - 0 0-
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerICom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lg	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_mvTorque_nwiviii_isz target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
	target_PsaAgArbn_Per1_MilivelCkr_Milikaups_is2 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
	Language Total Strategy Total Telephone Total Telephone Telephone
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArhn Per1 RelHwPosnToSerlCom HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-147.648254	-147.648254	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-205.490662	-205.490662	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.966507614	0.966507614	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	275.082306	275.082306	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-428.38504	-428.38504	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-147.648254	-147.648254	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-205.490662	-205.490662	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-147.648254	-147.648254	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-205.490662	-205.490662	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	28.9212036	28.9212036 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1453.43042	-1453.43054	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	687.451294	687.451294 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.35 (Repeat Count = 1)		V
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-252.089905	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	844.868225	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.77519989	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.7051	





Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1236.77246
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.7051
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-690.365784
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.7051
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1110.91833
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	151.087296
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	343.384705
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	83.3884964
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	25.8083
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	10.2386999
k_PsaAgAn_EpsPrec_HwDeg_f32	3.4526
k_PsaAgAn_MinPrecFail_HwDeg_f32	117.471397
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	735.89209
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	602.744873
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.0967999995
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.5019002
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.24589992
k_PsaAgAn_VehCondMinTi_mS_u32	1661
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1391.95764
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-355.952606
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	185
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4477.66064
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	21
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1094.64087
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.7245998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.30620003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	152.406693
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1190.57239
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.823700011
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-427.4823
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.21799994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	441.451294
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2987115430
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_learners	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	/ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1391.95764	1391.95764	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-355.952606	-355.952606	•
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	✓
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0	~
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING	PSAAGAN PROCESSING	✓
PsaAgAn EscProc Cnt M Igc	1	1	~
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	-2.73940802	-2.73940802	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	472.186218	472.186157	~
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	42.791748	42.7917442	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1391.95764	1391.95764	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-355.952606	-355.952606	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1391.95764	1391.95764	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-355.952606	-355.952606	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	873.955139	873.955139 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.823700011	0.823700011 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-427.4823	-427.4823 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 3.36 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	

PsaAgArbn_Per1





Re_Inst_Ap_PsaApArtn CmmSysTriqRais_InhAmpMinn m12	PSAAGAIDII_PETT	TOLOTON
Padagho, Computations, U.B. M. and Marcher Padagho, Cacher, C. M. M. Ign	Name	Input Value
PakayAn Comunication Ush Michaelse PakayAn C	PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	833.285583
Paskghu, Paskfords, Cut. M., storm Paskghu, Paskfords, Cut. M., storm Paskghu, Paskfords, Cut. M., storm Paskghu, Paskghu	PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1289.97095
PANAGAN POWERCUT	PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
Passing Interface Pass Pass Passing	PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
Pessaghan, Instruction Lim. M. art X Uis. 12	PsaAgAn_EscOffsSt_Cnt_M_enum	_
Pasaghge, MiNVELPF List, M. art SV UIS D22	PsaAgAn_EscProc_Cnt_M_lgc	1
Frankport Move FF_Us_M_ars V_Us_ 120		
"Paskgan, Princing Tell," Usi, M. art N. Usi, 12		
Stadgo Philon Tiple FL UIS Mar KU UIS 122 112000002		-404.952606
PANAGAN PRIVISIONED CONTROL PANAGAN PRIVATE	PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	
PasAghA, Reth-MontYSciention_Involve_M_D2 PasAghA, Letton_Involve_M_D2 PasAghA, Reth-MontyLetton_Involve_M_D2 Pa	PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	
PasAgAn Reliver Cont 10 1 1 1 1 1 1 1 1	PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PasAgAn Resetter C mt mum	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	
PanAgAn, Smithol, Crif, M. pis PanAgAn, Stirl, Crif, M. pis PanAgAn, Stirl, Crif, M. pis PanAgAn, Lister Crif, List, M. stir MaxOffset 319.822101 PanAgAn, Lister Crif, List, M. stir MaxOffset 453.918915 PanAgAn, Lister Crif, List, M. stir MinSrc 1 PanAgAn, Lister Crif, List, M. p. PanAgAn 1 PanAgAn, Abetim Post, M. p. PanAgAn 1 PanAgAn, Abetim Post, M. p. PanAgAn 1 PanAgAn, Abetim Post, M. p. PanAgAn 1 PanAgAn, Distribution V. p. Hobog, 152 1 PanAgAn, Distribution V. p. Hobog, 152 1 PanAgAn, Distribution V. p. Hobog, 152 1 PanAgAn, Offsotal minMaxSrc 1 PanAgAn, Offsotal minMaxSrc 1 PanAgAn, Offsotal minMaxSrc 1 PanAgAn, Offsotal minMaxSrc 1 PanAgAn, Vericonomic Maxim Vericonomic V. p. PanAgAn, PanAgan 1 PanAgan, Vericonomic PanAgan 1	·	
PanAgAn Shirt Crit M. Jigs PanAgAn Shirt St. Mark Street 318 822101		
PsaAgAn UseCoffs Us. N. att MixOffset 43919915	PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PasAgAn_UsedOffs_Uis_M_strAmScr PasAgAn_UsedOffs_Uis_M_strAmScr_Offs_Uis_Uis_Uis_Uis_Uis_Uis_Uis_Uis_Uis_Ui	PsaAgAn_StInit_Cnt_M_lgc	0
PasAgAn UsedOffs Us M_ str Musics 1	PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	319.622101
PasAgAn Discorting Us M striknistr Us Us Us Us Us Us Us U	PsaAgAn_UsedOffs_UIs_M_str.MinOffset	-453.918915
Rile Call AD, PSAAQANDn SystemTime DimmElapsedTime_US_u32(ElapsedTime) Idap Et. Re. Call AD, PSAAQANDn SystemTime DimmElapsedTime_uS_u32 ElapsedTime_US_u32 ElapsedTime_US_u33 ElapsedTime_US_u34 Elapsed		1
Ris_Inst_Ap_PeaAgArtn	PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
K_CmmSysTrqRatio_HwNmpMtmm_rg2	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
K, Psadyan, AbsHrwPost, VI, HwDeg, 132 6,569,0002 K, Psadyan, EpePrise, HwDeg, 132 7,846,399,78 K, Psadyan, EpePrise, HwDeg, 132 181,387,299 K, Psadyan, Olfsbalanithklands, HwDeg, 132 161,467,554 K, Psadyan, Olfsbalanithklands, HwDeg, 132 161,467,554 K, Psadyan, Olfsbalanithklands, HwDeg, 132 216,185,553 K, Psadyan, Olfsbalanithklands, HwDeg, 132 0.107,00001 K, Psadyan, Olfsbalanithklands, HwDeg, 132 0.107,00001 K, Psadyan, Olfsbalanithklands, HwDeg, 132 0.107,00001 K, Psadyan, VelCondhaathwing, HwDeg, 132 0.107,00001 K, Psadyan, VelCondhaathwing, HwDeg, 132 0.5 K, Psadyan, VelCondhaathwing, HwDeg, 132 10 K, Psadyan, VelCondhaathwing, HwDeg, 132 10 K, Psadyan, VelCondhaathwing, HwDeg, 132 10 K, Psadyan, VelCondhaathwing, HwDeg, 132 26 K, Psadyan, VelCondhaathwing, HwDeg, 132 10 K, Psadyan, VelCondhaathwing, HwDeg, 132 10 K, Psadyan, Abstlinwauthy, Us, 11915(3) 32788 L, Psadyan, Abstlinwauthy, Us, 11915(3) 0 L, Psadyan, Abstlinwauthy, Us, 11915(3) 0	Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
K, PeaAgAn, Abelh Wood, IZ-12 6.5630002 K, PeaAgAn, EpaPrec, HwDeg, IZ-2 7.84638978 K, PeaAgAn, Chis Datahin MaxXID, HwDeg, IZ-2 1.614.67564 K, PeaAgAn, Offs Datahin MaxXID, Endury (IL-10) 1.614.67564 K, PeaAgAn, Offs Datahin Minor (IL-10) 0 K, PeaAgAn, VehCondMaxHird (IL-10) 0 <	k_CmnSysTrqRatio_HwNmpMtrNm_f32	4.21700001
P. PasAgAn	k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	19.6651993
PasAgAn_MinPrecFail_HwOeg_132	k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.5630002
K. PsaAgAn, OffsDataintiMaxVITs, HvDeg, 132 - 1614.87554 K. PsaAgAn, OffsDataintiMaxVITs, LvDeg, 132 - 216.185593 K. PsaAgAn, OffsDataintiMaxVITS, LvDeg, 132 0 K. PsaAgAn, VerBordianty, HvDeg, 132 0.105700001 K. PsaAgAn, VerCondMaxMirVel, MrKadpS, 132 0.5 K. PsaAgAn, VerCondMaxMirVel, MrKadpS, 132 0.5 K. PsaAgAn, VerCondMaxVirVel, MrKadpS, 132 0.9 K. PsaAgAn, VerCondMaxVirVel, MrKadpS, 132 0.9 K. PsaAgAn, VerCondMaxVirVel, MrKadpS, 132 0.9 K. PsaAgAn, VerCondMaxVirVel, MrKadpS, 132 46 K. PsaAgAn, VerCondMaxVirVel, MrKadpS, 132 246 K. PsaAgAn, Abstil+WaxWirty, Vils, urjn1501 32768 L. PsaAgAn, Abstil+WaxWirty, Vils, urjn1502 0 L. PsaAgAn, Abstil+WaxWirty, Vils, urjn1503 0 L. PsaAgAn, Abstil+WaxWirty, Vils, urjn1503 0 L. PsaAgAn, Abstil+WebserPreck, HvDeg, url6p0101 10 L. PsaAgAn, Abstil+WebserPreck, HvDeg, url6p0102 25 L. PsaAgAn, Abstil+WebserPreck, HvDeg, url6p0103 107.52319 Larget, Pin, PsaAgArbnt. mrdoffsbata MaxOffset 107.52319 Larget, Pin, PsaAgArbnt. mrdoffsbata MaxOffset 107.523	k_PsaAgAn_EpsPrec_HwDeg_f32	7.84639978
K, PeaAgAn, OffsbataintMinsCris_HwDeg (\$12 kt, PeaAgAn, OffsbataintMinsCris_HwDeg (\$12 kt, PeaAgAn, OffsbataintMinsCris_Cnt_u08 0 K, PeaAgAn, OffsbataintMinsCris_Cnt_u08 0 K, PeaAgAn, OffsbataintMinsCris_Cnt_u08 0 K, PeaAgAn, OffsbataintMinsCris_Cnt_u08 0 K, PeaAgAn, VehCondMaxMirtyLel_MrRadpS_132 0.5 K, PeaAgAn, VehCondMaxMirtyLel_MrtRadpS_132 0 K, PeaAgAn, VehCondMaxMirtyLel_Myth_132 0 K, PeaAgAn, VehCondMaxMirtyLel_Myth_132 0 K, PeaAgAn, VehCondMaxMirtyLel_Myth_132 0 K, PeaAgAn, VehCondMaxMirtyLel_Myth_132 246 K, PeaAgAn, AbeltHwAuthyY, Usutp15[0] 32768 L, PeaAgAn, AbeltHwAuthyY, Usutp15[1] 32768 L, PeaAgAn, AbeltHwAuthyY, Usutp15[2] 0 L, PeaAgAn, AbeltHwAuthyY, Usutp15[3] 0 L, PeaAgAn, AbeltHwPosnPreeX, HwDeg_ut6p0[1] 10 L, PeaAgAn, AbeltHwPosnPreeX, HwDeg_ut6p0[1] 10 L, PeaAgAn, AbeltHwPosnPreeX, HwDeg_ut6p0[3] 1679 L, PeaAgAn, AbeltHwPosnPreeX, HwDeg_ut6p0[3] 1679 L, PeaAgAn, AbeltHwPosnPreeX, HwDeg_ut6p0[3] 1679 L, PeaAgAnth_IndOffSpata MinSrc 2 <	k_PsaAgAn_MinPrecFail_HwDeg_f32	181.387299
C. PsaAgAn, OffsbatainitMinOffs_HwDeg_f32 -216.185593 C. PsaAgAn, OffsbatainitMinSrc, Crt_u08 0 C. PsaAgAn, DistribinitMinSrc, Crt_u08 0 K. PsaAgAn, VehCondMaxHirtVel_MtrRadpS_f32 0.105700001 K. PsaAgAn, VehCondMaxHirtVel_MtrRadpS_f32 0.5 K. PsaAgAn, VehCondMaxHirtVel_MtrRadpS_f32 0.5 K. PsaAgAn, VehCondMinTin_Sin_Su2 6.1947999 K. PsaAgAn, VehCondMinTin_Sin_Su32 246 L. PsaAgAn, AbstHwAuthyY_Uls_up15[0] 32768 L. PsaAgAn, AbstHwAuthyY_Uls_up15[2] 0 L. PsaAgAn, AbstHwAuthyY_Uls_up15[3] 0 L. PsaAgAn, AbstHwAuthyY_Uls_up15[3] 0 L. PsaAgAn, AbstHwPosnFreeX_HwDeg_u16p0[0] 0 L. PsaAgAn, AbstHwPosnFreeX_HwDeg_u16p0[0] 0 L. PsaAgAn, AbstHwPosnFreeX_HwDeg_u16p0[3] 1679 Larget_Pim_PsaAgArbnLmdOffsData MaxSrc 2 Larget_Pim_PsaAgArbnLmdOffsData MaxSrc 2 Larget_Pim_PsaAgArbnLmdOffsData MaxSrc 2 Larget_Pim_PsaAgArbnLmdOffsData MinGreat 1077.52319 Larget_PsaAgArbn_Per1_AlignedCumMechthProStatus_Cnt_u08 value 210 Larget_PsaAgArbn_Per1_AlignedCumMechthProStatus_Cnt_u08	k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1614.67554
K, PeaAgAn, OffselPalantMinSrc, Cnt, U08 0 K, PeaAgAn, OffselPolariny_HwDeg_132 0.105700001 K, PeaAgAn, VehCondMaxHvTrd, HwNm_152 6.69889996 K, PeaAgAn, VehCondMaxHvTrd, HwNm_152 0.5 K, PeaAgAn, VehCondMaxPvTrd, HwNm_152 10 K, PeaAgAn, VehCondMaxPvTrd, HwNm_152 6.1947999 K, PeaAgAn, VehCondMaxPvTrd, HwJm, 152 246 K, PeaAgAn, Abotht-Wudtry JU, Up15(9) 32768 L, PeaAgAn, Abotht-Wudtry, JU, Up15(9) 32768 L, PeaAgAn, Abotht-Wudtry, JU, Up15(9) 0 L, PeaAgAn, Abotht-Worth, YU, Up15(9) 10 L, PeaAgAn, Abotht-W	k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
PsaAgAn_OffsetPolarity_HwDeg_f32	k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-216.185593
PsaAgAn_VehCondMaxHwTrq_HwNm_f32	k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
E_PsaAgAn_VehCondMaxMtrVei_MtrRadpS_f32 0.5 K_PsaAgAn_VehCondMaxMsPinTrq_HwNm_f32 10 K_PsaAgAn_VehCondMaxMsPinTrq_HwNm_f32 6.1947999 K_PsaAgAn_VehCondMaxMspAf_Sf_f32 246 K_PsaAgAn_AbsItHwAuthyY_Us_u1p15(0) 32768 L_PsaAgAn_AbsItHwAuthyY_Us_u1p15(1) 32768 L_PsaAgAn_AbsItHwAuthyY_Us_u1p15(2) 0 L_PsaAgAn_AbsItHwAuthyY_Us_u1p15(3) 0 L_PsaAgAn_AbsItHwPosnPrex_HwDeg_u16p0(0) 0 L_PsaAgAn_AbsItHwPosnPrex_HwDeg_u16p0(1) 10 L_PsaAgAn_AbsItHwPosnPrex_HwDeg_u16p0(1) 15 L_PsaAgAn_AbsItHwPosnPrex_HwDeg_u16p0(2) 25 L_PsaAgAn_AbsItHwPosnPrex_HwDeg_u16p0(3) 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset 502.087402 target_Pim_PsaAgArbnLmdOffsData_MaxSrc 2 target_Pim_PsaAgArbn_Per_I_AlignedCurnMechMtrPosStatus_Cnt_u08 value 20 target_PsaAgArbn_Per_I_SignedCurnMechMtrPosStatus_Cnt_u08 value 39 target_PsaAgArbn_Per_I_EscAftFormSerICom_Cnt_lgc_value 39 target_PsaAgArbn_Per_I_EscAftFormSerICom_Cnt_lgc_value 0 target_PsaAgArbn_Per_I_EscOffsEna_Cnt_lgo-value 0 target_PsaAgAr	k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.105700001
K. PsaAgAn_VehCondMaxPinTrq_HwNm_f32 10 K. PsaAgAn_VehCondMinT_ImS_U32 6.1947999 L. PsaAgAn_AbsIthwAuthyV_Uis_u1p15[0] 32768 L. PsaAgAn_AbsIthwAuthyV_Uis_u1p15[1] 32768 L. PsaAgAn_AbsIthwAuthyV_Uis_u1p15[2] 0 L. PsaAgAn_AbsIthwAuthyV_Uis_u1p15[3] 0 L. PsaAgAn_AbsIthwAuthyV_Uis_u1p15[3] 0 L. PsaAgAn_AbsIthwPosnPrecX_thwDeg_u16p0[0] 0 L. PsaAgAn_AbsIthwPosnPrecX_thwDeg_u16p0[1] 10 L. PsaAgAn_AbsIthwPosnPrecX_thwDeg_u16p0[2] 25 L. PsaAgAn_AbsIthwPosnPrecX_thwDeg_u16p0[3] 1679 Larget_Pim_PsaAgArbnLmdOffsData MaxOffset -502.087402 Larget_Pim_PsaAgArbnLmdOffsData MinOffset 1017.52319 Larget_Pim_PsaAgArbnLmdOffsData MinOffset 1017.52319 Larget_Pim_PsaAgArbn_Per1_AlignedCumMechMtfrosStatus_Cnt_u08 value 20 Larget_PsaAgArbn_Per1_AlignedCumMechMtfrosStatus_Cnt_u08 value 39 Larget_PsaAgArbn_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_EscAgarbin_Per1_HvNfrque_HwNm_f3z_value 42.70700007 Larget_PsaAgArbin_Per1_HvNfrque_Hw	k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.69589996
K_PsaAgAn_VehCondMaxVehSpd_Kph_f32	k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
PsaAgAn_VehCondMinTi_mS_u32 246 PsaAgAn_AbsItHwAuthyY_UIs_up15[0] 32768 PsaAgAn_AbsItHwAuthyY_UIs_up15[1] 32768 PsaAgAn_AbsItHwAuthyY_UIs_up15[2] 0 PsaAgAn_AbsItHwAuthyY_UIs_up15[3] 0 PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0] 0 PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0] 10 PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1] 10 PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2] 25 PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3] 1679 PsaAgAn_Deg_lng_end_undoffsbata_MinSrc 20 PsaAgAn_Deg_lng	k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
PsaAgAn_AbsithwAuthyY_Uls_u1p15[0] 32768	k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.1947999
PsaAgAn_AbsithwAuthyY_Uls_u1p15[1] 32768 PsaAgAn_AbsithwAuthyY_Uls_u1p15[2] 0 PsaAgAn_AbsithwAuthyY_Uls_u1p15[3] 0 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[0] 0 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[1] 10 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2] 25 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2] 25 PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset 502.087402 target_Pim_PsaAgArbnLmdOffsData_MaxOffset 1017.52319 target_Pim_PsaAgArbnLmdOffsData_MinOffset 1017.52319 target_Pim_PsaAgArbnLmdOffsData_MinOffset 1017.52319 target_Pim_PsaAgArbnLmdOffsData_MinOffset 2107.52319 target_Pim_PsaAgArbn_Perl_AlignedCumMechMtrPosStatus_Cnt_u08.value 210 target_PsaAgArbn_Perl_AlignedRelHwPos_HwDeg_f32.value 867.25879 target_PsaAgArbn_Perl_LimeMechMtrPosStatus_Cnt_u08.value 39 target_PsaAgArbn_Perl_EscDataVldFromSerlCom_Cnt_Igc.value 1 target_PsaAgArbn_Perl_EscDataVldFromSerlCom_Cnt_Igc.value 0 target_PsaAgArbn_Perl_EscDataVldFromSerlCom_LhwDeg_f32.value 42.7070007 target_PsaAgArbn_Perl_EscOffsFromSerlCom_HwDeg_f32.value 7.61709976 target_PsaAgArbn_Perl_HwTorque_HwIm_f32.value 7.61709976 target_PsaAgArbn_Perl_SensorlessHwPos_HwDeg_f32.value 889.973816 target_PsaAgArbn_Perl_SensorlessHwPos_HwDeg_f32.value 8997.380981 target_PsaAgArbn_Perl_SensorlessHwPos_HwDeg_f32.value 8797.380981 target_PsaAgArbn_Perl_SensorlessHwPos_HwDeg_f32.value 8797.380981 target_PsaAgArbn_Perl_SensorlessHwPos_HwDeg_f32.value 8797.380981 target_PsaAgArbn_Perl_SensorlessHwPos_HwDeg_f32.value 8797.380981 t	k PsaAgAn VehCondMinTi mS u32	246
L PsaAgAn_Absith-wAuthyY_Uls_u1p15[1]	t PsaAgAn AbsltHwAuthyY Uls u1p15[0]	32768
L PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] 0 L PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 L PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbn_LmdOffsData_Mixoffset 5.502.087402 target_Pim_PsaAgArbn_LmdOffsData_Mixoffset 1017.52319 target_Pim_PsaAgArbn_LmdOffsData_Mixoffset 1017.52319 target_Pim_PsaAgArbn_LmdOffsData_Mixor target_Pim_PsaAgArbn_LmdOffsData_Mixor 10 target_Pim_PsaAgArbn_LmdOffsData_Mixor 10 target_Pim_PsaAgArbn_LmdOffsData_Mixor 10 target_Pim_PsaAgArbn_LmdOffsData_Mixor 10 target_Pim_PsaAgArbn_LmdOffsData_Mixor 10 target_Pim_PsaAgArbn_LmdOffsData_Mixor 10 target_PsaAgArbn_Per1_AlignedCellhwPos_HwDeg_132_value 8667.25879 target_PsaAgArbn_Per1_EscAckFromSerfCom_Cnt_Igc_value 1 target_PsaAgArbn_Per1_EscAckFromSerfCom_Cnt_Igc_value 1 target_PsaAgArbn_Per1_EscAfts_Cnt_Ulgc_value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_value 42.707007 target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc_value 42.707007 target_PsaAgArbn_Per1_HxTorque_HwNm_132_value 7.11990023 target_PsaAgArbn_Per1_HwTorque_HwNm_132_value 889.973816 target_PsaAgArbn_Per1_SensoriessAuthority_Uls_132_value 4997.380981 target_PsaAgArbn_Per1_SensoriessAuthority_Uls_132_value 889.973816 target_PsaAgArbn_Per1_SensoriessAuthority_Uls_132_value 889.97380981 target_PsaAgArbn_Per1_VehicleSpeed_Kph_132_value 88		32768
L PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] 0 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] 0 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] 25 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 L PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] 1679 L PsaAgArbn_MoffisData_MaxOffset 1017.52319 L PsaAgArbn_MoffisData_MaxSrc 2 L PsaAgArbn_MoffisData_MinSrc 0 L PsaAgArbn_MoffisData_MinSrc 0 L PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08_value 210 L PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08_value 210 L PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32_value 8667_25879 L PsaAgArbn_Per1_EscAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08_value 39 L PsaAgArbn_Per1_EscAgarbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgArbn_Per1_EscAgarbn_Per1_EscAgArbn_Per1_EscAgarbn_EscAgarbn_Per1_EscAgarbn_EscAgarbn_EscAgarbn_EscAgarbn_EscAgarbn_	t PsaAqAn AbsltHwAuthyY Uls u1p15[2]	0
L_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]		0
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L PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] 25 L PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 502.087402 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1017.52319 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1017.52319 target_Pim_PsaAgArbnLmdOffsData.MinSrc 2 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 210 target_PsaAgArbn_Per1_AlignedRell+wPos_HwDeg_i32.value 8667.25879 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 39 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 10 target_PsaAgArbn_Per1_EscDfasEna_Cnt_lgc.value 11 target_PsaAgArbn_Per1_EscDfasEna_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_i32.value 42.7070007 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_i32.value 42.7070007 target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_i32.value 7.61709976 target_PsaAgArbn_Per1_HwTorque_HwNm_i32.value 7.11990023 target_PsaAgArbn_Per1_HwTorque_HwNm_i32.value 603.433777 target_PsaAgArbn_Per1_MrVelCRF_MtrRadpS_i32.value 603.433777 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_i32.value 11 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_i32.value 11 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_i32.value 11 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_i32.value 11 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_i32.value 11 target_PsaAgArbn_Per1_AbsltHwPosnLvI_Cnt_lgc 1150.11398 target_PsaAgArbn_Per1_AbsltHwPosnLvI_Cnt_lgc 1150.11398		10
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target_Pim_PsaAgArbnLmdOffsData.MaxOffset target_Pim_PsaAgArbnLmdOffsData.MinOffset 1017.52319 target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_Pim_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uis_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Vehi_Cnt_lgc.value target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc		
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	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg	_ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enur	n target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_ut	target_PsaAgArbn_Per1_CumMechMtrPosS	status_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt	I target PsaAgArbn Per1 EscDataVldFromS	erlCom Cnt Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hw			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAuthorii		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f3	2 target PsaAgArbn Per1 HandwheelPosition	1 HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	- ·-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDec		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	' - ' '	, _	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target PsaAgArbn Per1 RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
	0	· ·	Result
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	•	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-502.087402	-502.087402	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1017.52319	1017.52319	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.296533585	0.296533585	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-291.206635	-291.206635	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	286.710175	286.710175	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-502.087402	-502.087402	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1017.52319	1017.52319	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-502.087402	-502.087402	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1017.52319	1017.52319	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	1372.2821	1372.2821	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-997.380981	-997.380981 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~
0 _ 0			

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Step 3.37 (Repeat Count = 1)	√
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-83.7328033
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	942.702393
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.9598999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-72.1302032
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-514.665283 0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32 PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	451.40921
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-806.701782
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	485.767303
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	78.2001038
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	8.32619953
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	19.7528992
k_PsaAgAn_EpsPrec_HwDeg_f32	8.5781002 111.434097
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1528.83838
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-114.015297
k PsaAgAn OffsDataInitMinSrc Cnt u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.79990005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.7184
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.54799986
k_PsaAgAn_VehCondMinTi_mS_u32	5490
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsittwPosnPrecX HwDeg u16p0[2]	25
t PsaAqAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1127.57434
target Pim PsaAgArbnLrndOffsData.MinOffset	-36.5721016
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	153
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4001.42236
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	72
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1125.95056
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.4260998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	1.89110005 -75.2217026
target_PsaAgArbn_Per1_mitrVelCRF_mitrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-185.623398
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1347.89893
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.43919992
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0

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Name	Input Value		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	43.4247017		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2518460323		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPreci	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerICom_HwDeg_			
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 EscPrecisionFromSerlCom Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelAuthorite target_PsaAgArbn_Per1_HandwheelPosition		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	· · · · · · · · · · · · · · · · · · ·		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target PsaAgArbn Per1 SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target PsaAgArbn Per1 SensorlessHwPos	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target PsaAgArbn Per1 VehicleSpeed Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	- Ttoouit
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1127.57434	-1127.57434	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-36.5721016	-36.5721016	_
PsaAgAn ComputedOffs Uls M str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.86858273	1.86858296	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-75.2158279	-75.2158279	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-189.473633	-189.473633	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1127.57434	-1127.57434	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-36.5721016	-36.5721016	Y
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	Y
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1127.57434	-1127.57434	V
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-36.5721016	-36.5721016	V
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	· ·
target_Pim_PsaAgArbn_Rer1_AbsHHwReset_vi1_Cnt_las_value	1 0	0	· ·
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_rsz.value target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AbsitHwPosnvid_Cnt_igc.value target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	-1047.92676	-1047.92676	
target_PsaAgArbn_Per1_AdsitnwPosit_Hwbeg_isz.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	-
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1347.89893	-1347.89893 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt Igc.value	1	1	V
U _ U _ U _ U _ U _ U _ U _ U _ U _ U _			



「est Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Fest Step 3.38 (Repeat Count = 1)	Innut Value
Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1435.11548
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	149.980103
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-2.62210011
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.236900002
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	1044.53406
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.236900002
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	517.132019
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.236900002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-735.875916 -
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-609.381409
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1056.36829
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
C_CmnSysTrqRatio_HwNmpMtrNm_f32	90.5953979
x_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	28.9603996
c_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	18.2579002
r_PsaAgAn_EpsPrec_HwDeg_f32	15.8308001
r_PsaAgAn_MinPrecFail_HwDeg_f32	425.597504
r_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	426.809814
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
:_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	555.149902
:_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
r_PsaAgAn_OffsetPolarity_HwDeg_f32	1
z_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.9921999
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.57599998
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.70100021
z_PsaAgAn_VehCondMinTi_mS_u32	8641
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	1310.73206
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	410.050415
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	0
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	194

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target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscDffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Valid_Dratic_value target_PsaAgArbn_Per1_AbsitHwPosnLv11_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_Vid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_Vid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_Vid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_Vid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_Vid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_Vid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosn_Vid_Cnt_lgc	
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target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc target_PsaAgAr	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_132 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg target_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	
	2
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cr	ıt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeq	g_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f3	22
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt target P	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	,
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData	
Name Actual Value Expected Va	alue Result
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc 0 0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 0 0 PsaAgAn_AgArbnOffsFit Cnt_M_lgc 1 1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1310.73206 1310.73206	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 410.050415 410.050415	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1	•
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DE	EFECT ✓
PsaAgAn_EscProc_Cnt_M_lgc 0 0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0.368075371 0.36807543	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 582.311646 582.311584	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 383.134399 383.134399 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODABSLT PSAAGAN_MC	
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODABSLT PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 1630 1630	ODABSLI
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc 1	
PsaAgAn ResetEsc Cnt M Igc 0 0	•
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODABSLT PSAAGAN_M	ODABSLT 🗸
PsaAgAn_StInit_Cnt_M_lgc 1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1310.73206 1310.73206	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 410.050415 410.050415	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 1 1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 0 0 0	→
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1310.73206 1310.73206 target Pim_PsaAgArbnLrndOffsData.MinOffset 410.050415 410.050415	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset 410.050415 410.050415 410.050415 410.050415 410.050415	
target Pim PsaAgArbnLrndOffsData.MinSrc 0 0 0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0	→
1 312 11 3 1 2 1 2 1 1 1 1 2 2 2 1 1 1 1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0	e-05

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	769.608765	769.608765	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-717.765991	-717.765991 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

	L WI
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	895.046021
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	608.254028
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
saAgAn_EscProc_Cnt_M_lgc	1
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.87019992
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0151000004
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	707.995483
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-701.87262
saAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.0151000004
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	376.845886
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
saAgAn_ResetEsc_Cnt_M_lgc	0
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_StInit_Cnt_M_lgc	1
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-1144.15198
saAgAn_UsedOffs_Uls_M_str.MinOffset	1488.27356
saAgAn UsedOffs Uls M str.MaxSrc	1
saAgAn UsedOffs Uls M str.MinSrc	1
tte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
tte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrgRatio HwNmpMtrNm f32	19.1261005
PsaAgAn AbsHwPosLvI1 HwDeg f32	5.26870012
_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	22.8318005
PsaAgAn EpsPrec HwDeg f32	1.16709995
PsaAgAn MinPrecFail HwDeg f32	266.133698
_rsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	306.699188
PsaAgAn OffsDataInitMaxSrc Cnt u08	2
_FsaAgAn_OffsDataInitMaxSit_Offs_HwDeg_f32	449.187897
_rsaAgAn_OffsDataInitviinOffs_nwbeg_132 PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	1
_rsaAgAn_Onserrolanty_nwbeg_tsz PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.21499991
_PsaAgAn_venCondMaxHwTrq_HwNm_isz PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.489100009
	-1.602
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.16699982
_PsaAgAn_VehCondMinTi_mS_u32	6920
_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0

t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]

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Input Value





t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	29.6809998		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1217.29651		
target Pim PsaAgArbnLrndOffsData.MaxSrc	1		
target Pim PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	190		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7587.14502		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	164		
	1		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value			
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	994.539185		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	27.5771999		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.23880005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-783.268677		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2760.08496		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0239000004		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-743.715027		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.44269991		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	490.310791		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvI1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosnLvI2_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnLvl2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	· - ·		
	target PsaAgArbn Per1 AbsltHwPosnVld (
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	_ target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Res$	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_le	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_S$	f target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty Uls f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		_	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	895.046021	895.046021	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	608.254028	608.254028	
		1	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	Y
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
	-		
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.96636581	-2.96636581	V
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-2.96636581 685.477417	685.477417	~
	-2.96636581		~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-2.96636581 685.477417	685.477417	*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-2.96636581 685.477417 -692.696899	685.477417 -692.696899	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	-2.96636581 685.477417 -692.696899 PSAAGAN_MODFAIL	685.477417 -692.696899 PSAAGAN_MODFAIL	*
PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-2.96636581 685.477417 -692.696899 PSAAGAN_MODFAIL 0	685.477417 -692.696899 PSAAGAN_MODFAIL 0	· ·
PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ReIHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	-2.96636581 685.477417 -692.696899 PSAAGAN_MODFAIL 0 0	685.477417 -692.696899 PSAAGAN_MODFAIL 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_ReIHwPosnVIdToSerICom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	-2.96636581 685.477417 -692.696899 PSAAGAN_MODFAIL 0	685.477417 -692.696899 PSAAGAN_MODFAIL 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_ReIHwPosnVIdToSerICom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	-2.96636581 685.477417 -692.696899 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1	685.477417 -692.696899 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-2.96636581 685.477417 -692.696899 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1144.15198	685.477417 -692.696899 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -1144.15198	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_ReIHwPosnVIdToSerICom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	-2.96636581 685.477417 -692.696899 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1	685.477417 -692.696899 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	306.699188	306.699188	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	449.187897	449.187897	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-172.060791	-172.060791	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0239000004	0.0239000004 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-743.715027	-743.715027 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.40 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-350.080109
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-676.444214
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	3.68630004
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.659500003
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-952.443604
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	849.300415
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.659500003
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	921.268799
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1627.67847
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-392.443298
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32 (ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	30.1343002
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	29.5240993
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	6.90579987
k_PsaAgAn_EpsPrec_HwDeg_f32	1.56239998
k_PsaAgAn_MinPrecFail_HwDeg_f32	117.632896
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	11.5913
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	730.785889
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.2095

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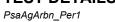
PsaAgArbn_Per1



T dayig/illon_r cri			(
Name	Input Value			
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5			
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.873000026			
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.30609989			
k_PsaAgAn_VehCondMinTi_mS_u32	5764			
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768			
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768			
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0			
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0			
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0			
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	10 25			
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	1679			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1309.88342			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	473.261597			
target Pim PsaAgArbnLrndOffsData.MaxSrc	2			
target Pim PsaAgArbnLrndOffsData.MinSrc	1			
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	151			
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3414.82202			
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	209			
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0			
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1			
target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc.value	1			
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-191.199493			
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.08019996			
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.0529000014			
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1063.57056			
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2293.30737			
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.603200018			
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1543.22058			
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	5.68480015 0			
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	58.5579987			
target_real_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse				
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc	target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc		target_PsaAgArbri_Per1_AbsithwPosnLvi1_Crit_igc target_PsaAgArbri_Per1_AbsithwPosnLvi2_Crit_igc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc		target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw	Deg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enur	n target_PsaAgArbn_Per1_AgArbnStToSerlC	om_Cnt_enum		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMech	MtrPosStatus_Cnt_u08		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_AlignedRelHwPos	_HwDeg_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	target_PsaAgArbn_Per1_CumMechMtrPos	Status_Cnt_u08		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc$	target_PsaAgArbn_Per1_EscAckFromSerlC	Com_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f3;	target_PsaAgArbn_Per1_HandwheelAuthor			
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HaridwheeiPosition_Hwbeg_isz target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Resu	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0		
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1		
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-350.080109	-350.080109		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-676.444214	-676.444214		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0		
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT		
PsaAgAn_EscProc_Cnt_M_lgc	0	0		
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	1.29007268	1.29007268		
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	377.117798 402.198944	377.117737 402.198944		
FSAMMALI FILLULLITULEF UIS IVI SULSV UIS ISZ	404.130344	+UZ. 190944		

402.198944

402.198944





Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1627.67847	1627.67847	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-392.443298	-392.443298	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	11.5913	11.5913	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	730.785889	730.785889	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1010.06091	1010.06091 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-617.617615	-617.617615	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.603200018	0.603200018 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1543.22058	1543.22058 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.41 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn ComputedOffs UIs M str.MaxOffset	577.476196
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1144.06116
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.10960007
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	576.316528
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	778.838989
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1295.67261
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1030.755
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1.
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	26.0585995
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	17.7796001

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			- 100
Name	Input Value		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	5.10909986		
k_PsaAgAn_EpsPrec_HwDeg_f32	9.10149956		
k_PsaAgAn_MinPrecFail_HwDeg_f32	283.249207		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	134.046402		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-215.081497		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.344199985		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.04990005		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.33990002		
k_PsaAgAn_VehCondMinTi_mS_u32	7564		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-281.672302		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	133.201401		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	17		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	5472.56299 127		
	1		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	984.555176		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	18.4738007		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.93720007		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	858.286072		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	719.237488		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0511000007		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-141.164307		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.83050013		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	70.410202		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvI1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1 (Ont lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_(
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	rnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enur	n target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM	ltrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc$	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ıc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap$	f target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw$	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	<u>f</u> 32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDegarbers = 1000 + $	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	/_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•
	The state of the s		

0

0

 ${\sf PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc}$





Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	577.476196	577.476196	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1144.06116	-1144.06116	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.9086113	6.90861082	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	857.750366	857.750305	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	160.049805	160.04982	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1030.755	-1030.755	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	134.046402	134.046402	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.081497	-215.081497	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1354.87744	1354.87744	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0511000007	0.0511000007 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-141.164307	-141.164307 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 3.42 (Repeat Count = 1)		
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	652.310425	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-21.9503994	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.70280004	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	46.4775009	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-239.570801	
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1162.86877	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	





Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	-554.21991 0
PsaAgAn UsedOffs Uls M str.MinSrc	0
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	95.1886978
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	15.2601995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.7856998
k_PsaAgAn_EpsPrec_HwDeg_f32	11.4972
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	93.7461014 165.849503
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	196.553406
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.400599986
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.61980009
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.838999987
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	9.69810009 9045
k_PsaAgAn_venCondMin11_ms_u32 t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0]	9045 32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-232.059296 237.901001
target_Pim_PsaAgArbnLrndOffsData.MinOffset target Pim PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	64
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-727.232727
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	2
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1200 00004
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	-1308.88684 24.7105007
target PsaAgArbn Per1 HwTorque HwNm f32.value	6.69339991
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	830.377014
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-511.436096
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.524699986
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1214.33765
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.996699989
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	397.072205 334478402
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target PsaAgArbn Per1 AbsltHwPosnLvI1 Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0i	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_CummechmtrPosStatus_Cnt_uu8 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_lt	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwError = 0.0000000000000000000000000000000000$	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target PsaAgArbn Per1 SensorlessAuthority Uls f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	652.310425	652.310425	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-21.9503994	-21.9503994	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.68581772	6.68581772	✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	828.887573	828.887573	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	100.9198	100.9198	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-554.21991	-554.21991	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-232.059296	-232.059296	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	237.901001	237.901001	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1116.60999	1116.60999 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	-562.390076	-562.390076	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.524699986	0.524699986 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1214.33765	-1214.33765 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 3.43 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	2.65149999	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	957.214417	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.18459988	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-927.292175	





Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	320.917603
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-583.316772
PsaAgAn RelHwPosnVldToSerlCom Cnt M lqc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1485.9718
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-213.889496
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k CmnSysTrgRatio HwNmpMtrNm f32	85.8393021
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	10.1393995
	10.2089996
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	
k_PsaAgAn_EpsPrec_HwDeg_f32	6.70809984
k_PsaAgAn_MinPrecFail_HwDeg_f32	335.156006
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1182.24792
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	991.112915
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.2042
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.326599985
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.5381
k PsaAgAn VehCondMaxVehSpd Kph f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	8338
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1089.01709
target Pim PsaAgArbnLrndOffsData.MinOffset	558.030212
target Pim PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	2
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target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	206
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9341.3623
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	35.6609001
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.37249994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.86509991
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-24.4206009
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-164.0784
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
v = v = =	
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1422.64636
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	90.4300995
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_Elap$	585280182
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_IgEscDataVldFr$	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	rity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	2 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSer	Com_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn ComputedOffs UIs M str.MaxOffset	2.65149999	2.65149999	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	957.214417	957.214417	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN INIT	PSAAGAN INIT	✓
PsaAgAn EscProc Cnt M Igc	0	0	✓
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-7.86190701	-7.86190701	✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-26.1360474	-26.1360722	✓
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	746.710205	746.710205	✓
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODININ	PSAAGAN MODININ	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ	PSAAGAN MODININ	✓
PsaAgAn StInit Cnt M Igc	1	1	✓
PsaAgAn UsedOffs Uls M str.MaxOffset	1485.9718	1485.9718	✓
PsaAgAn UsedOffs Uls M str.MinOffset	-213.889496	-213.889496	✓
PsaAgAn UsedOffs Uls M str.MaxSrc	0	0	✓
PsaAgAn UsedOffs Uls M str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1182.24792	1182.24792	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	991.112915	991.112915	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	849.930664	849.930664 ± 1e-05	✓
target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-636.041138	-636.041138	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1422.64636	-1422.64636 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.44 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	





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Name PsaAgAn ComputedOffs UIs M str.MaxOffset	-1122.19226
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1658.90393
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2
PsaAgAn ComputedOffs Uls M str.MinSrc	0
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.30289984
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	372.974304
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-302.971985
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1557.43115
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1 PSAAGAN MODININ
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	534.842712
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	13.5150003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	7.35099983
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	1.64189994
k_PsaAgAn_EpsPrec_HwDeg_f32	12.5686998
k_PsaAgAn_MinPrecFail_HwDeg_f32	310.412109
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1305.69214
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1546.35425
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.854600012
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.9059999
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.100400001
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.1651001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.24000001
k_PsaAgAn_VehCondMinTi_mS_u32	6122 32768
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t PsaAqAn AbsitHwAuthyY Uls u1p15[3]	0
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-147.622803
target_Pim_PsaAgArbnLrndOffsData.MinOffset	329.6987
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	5
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4379.1084
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	202
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1.
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1453.70984
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	23.3948994
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.86749983
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	459.984589
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2026.77563 0.625400007
target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1283.20361
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	8.34140015
target_PsaAgArbn_Per1_rorqueCmdCRr_withNm_isz.value	0.34140015
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	366.325195
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvI1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvi2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	•	om Cnt enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerICom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	v	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target PsaAgArbn Per1 MtrVelCRF MtrRa	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDeg	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		, -	
	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	1_102	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1=	I
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1122.19226	-1122.19226	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1658.90393	-1658.90393	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.8405757	6.8405757	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	459.819275	459.819275	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	118.798645	118.79863	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	534.842712	534.842712	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1305.69214	1305.69214	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1546.35425	1546.35425	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target PsaAgArbn Per1 AbsitHwPosnVld Cnt lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-267.421356	-267.421356	
target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum.value	2	2	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.625400007	0.625400007 ± 1e-05	_
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1283.20361	1283.20361 ± 0.00001	•
target PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓
g our igr iton or ton introduction on i_oni_igo.value		1	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.45 (Repeat Count = 1)	
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_AgArbiiOiisFit_Citt_ivi_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1246.40356
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1066.33215
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	1.19260001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.44600001
PsaAgAn MtrVeiLPF UIs M str.SV UIs f32	22.3701992
PsaAgAn_MtrVeILPF_UIs_M_str.K_UIs_f32	0.44600001
	-278.752808
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.44600001
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PsaHwPsanToSartCom_HwPsa_M_f32	PSAAGAN_MODFAIL 413.413605
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	
PsaAgAn_ResetEsc_Cnt_M_lgc	O POAACANI MODARCI T
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MixOffset	-186.902603
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	807.332886
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	50.3549004
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	21.7313995
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.0467999
k_PsaAgAn_EpsPrec_HwDeg_f32	3.4449993
k_PsaAgAn_MinPrecFail_HwDeg_f32	133.623901
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1234.74622
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	930.9328
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.132799998
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.01290011
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.73629999
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.72249985
k_PsaAgAn_VehCondMinTi_mS_u32	5153
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	469.688507
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1043.93689
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target Pim PsaAgArbnLrndOffsData.MinSrc	1

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Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	41		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6669.59814		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	61		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Igc.value target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1561.22815		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	22.9274998		
target PsaAgArbn Per1 HwTorque HwNm f32.value	0.93599999		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	1026.41919		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-242.3797		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.889100015		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1273.42944		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.42250013		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	414.733612		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLv		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLv		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_H	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enultarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AlignedCummechMtrPosStatus target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn Peri_AlignedRelHwPos HwDeg f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target_PsaAgArbn_Per1_EscAckFromSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cr		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw	target_PsaAgArbn_Per1_EscPrecisionFr	omSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuth	nority_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3$	2 target_PsaAgArbn_Per1_HandwheelPos	ition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwI	Nm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_Mtr	RadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_Hwl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuth		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_TorqueCmdCR		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Valid_Crit_igc	target_PsaAgArbn_Per1_VehicleSpeedV target_PsaAgArbn_Per1_VehicleSpeed_		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	(Apri_102	
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	Resul
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	
PsaAqAn AqArbnOffsFlt Cnt M lqc	1	1	
PsaAgAn ComputedOffs Uls M str.MaxOffset	233.703598	233.703598	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	180.958603	180.958603	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.07815635	1.07815635	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	470.176086	470.176056	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-54.6898193	-54.6898232	•
		PSAAGAN MODFAIL	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	_	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	PSAAGAN_MODFAIL 0	0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	PSAAGAN_MODFAIL 0 0	0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	PSAAGAN_MODFAIL 0 0 0	0 0 0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL	0 0 0 PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL	0 0 0 PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603	0 0 0 PSAAGAN_MODFAIL 1 -186.902603	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886	0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2	0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffsc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2 1	0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2	0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2 1 233.703598	0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2 1 233.703598	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2 1 233.703598 180.958603	0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2 1 233.703598 180.958603	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2 1 233.703598 180.958603 2	0 0 0 PSAAGAN_MODFAIL 1 -186.902603 807.332886 2 1 233.703598 180.958603 2	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-310.215149	-310.215149	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.889100015	0.889100015 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1273.42944	-1273.42944 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

lame	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0
PsaAgAn AgArbnOffsFlt Cnt M lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	854.974487
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	402.164398
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
saAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-0.757399976
saAgAn HwTrgLPF UIs M str.K UIs f32	0.709999979
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	1239.89697
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.709999979
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	59.4147987
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.709999979
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODREL
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-779.525391
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ
PsaAgAn StInit Cnt M Igc	0
PsaAgAn UsedOffs Uls M str.MaxOffset	400.25351
saAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
SaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn UsedOffs Uls M str.MinSrc	1
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime) target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
tte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	23.9843006
PsaAgAn AbsHwPosLvI1 HwDeg f32	12.8577995
 _PsaAgAn_AbsHwPosLvI2_HwDeg_f32	23.2835999
PsaAgAn EpsPrec HwDeg f32	14.6288996
sa_gan_MinPrecFail_HwDeg_f32	383.735596
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	930.44873
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
	256.102112
PsaAgAn OffsDataInitMinSrc Cnt u08	0
PsaAgAn OffsetPolarity HwDeg f32	-0.372099996
PsaAgAn VehCondMaxHwTrq HwNm f32	5.32350016
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0617999993
PsaAgAn VehCondMaxPinTrq HwNm f32	9.79100037
	9.74720001
saAgAn_VehCondMinTi_mS_u32	2781
PsaAgAn AbsltHwAuthyY Uls u1p15[0]	32768
PsaAgAn AbsltHwAuthyY Uls u1p15[1]	32768

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Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target Pim PsaAgArbnLrndOffsData.MaxOffset	84.026001		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1236.9519		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	20		
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	5831.88232		
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	14		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	55.6556015		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.65560007		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	7.61910009		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	527.101929		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2856.30347		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-883.343506		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.78540039		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	297.227112		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnL	vl1_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnL	vl2_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDegate AgArbn_Per1_AbsItHwPosnPrecision_HwDegate AgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDegate AgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDegate AgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDegate AgArbn_PsaAg$	g_ target_PsaAgArbn_Per1_AbsltHwPosnP	recision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnV	'ld_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enumeration and the property of the proper$	um target_PsaAgArbn_Per1_AgArbnStToSe	erlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatu	s target_PsaAgArbn_Per1_AlignedCumMe	echMtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	2 target_PsaAgArbn_Per1_AlignedRelHwl	Pos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u	u0: target_PsaAgArbn_Per1_CumMechMtrP	PosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igo			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_C	int lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_H			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAut		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3		,	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_Mt	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos Hw		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDe		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cn			
	target PsaAgArbn Per1 SensorlessAut		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f3:			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCR		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeed\		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_	_Kpn_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	854.974487	854.974487	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	402.164398	402.164398	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.1899147	5.1899147	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	733.8125	733.8125	
	172.245148	172.245148	
PsaAgAn PinionTrgLPF UIs M str SV UIs 132	PSAAGAN_MODININ	PSAAGAN_MODININ	
		1 G. V.C. UN_INODININ	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	_	0	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0		

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	400.25351	400.25351	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	930.44873	930.44873	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	256.102112	256.102112	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1039.62671	1039.62671 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	639.373291	639.373291	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-883.343506	-883.343506 ± 0.00001	✓
target PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg f32.value	0	0 ± 1e-05	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.47 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	946.990112
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	591.929321
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-1.09519994
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-353.665009
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	426.919891
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-649.797119
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1185.05835
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	19.3987007
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	27.7380009
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	3.53130007
k_PsaAgAn_EpsPrec_HwDeg_f32	2.07590008
k_PsaAgAn_MinPrecFail_HwDeg_f32	67.0968018
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-323.463989
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1236.44226

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PsaAgArbn_Per1



		1-4
Input Value		
1		
1		
0.810699999		
0.136500001		
3.94740009		
4.81899977		
110		
32768		
32768		
0		
1		
278.590302		
e 613877221		
	Cnt Igc	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_PsaAgArbn_Per1_AbsltHwPosn_HwI	Deg_f32	
m target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
target_PsaAgArbn_Per1_AlignedCumMechM	MtrPosStatus_Cnt_u08	
target_PsaAgArbn_Per1_AlignedRelHwPos	_HwDeg_f32	
0 target_PsaAgArbn_Per1_CumMechMtrPosS	status_Cnt_u08	
target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
_l! target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	gc	
_f target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
/E target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
	,	
	· -	
	_	
target_PsaAgArbn_Per1_SensorlessAuthori		
target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_PsaAgArbn_Per1_SensorlessHwPostarget_PsaAgArbn_Per1_TorqueCmdCRF_N	_HwDeg_f32 //trNm_f32	
target_PsaAgArbn_Per1_SensorlessHwPos_ target_PsaAgArbn_Per1_TorqueCmdCRF_t target_PsaAgArbn_Per1_VehicleSpeedValic	HwDeg_f32 //trNm_f32 I_Cnt_lgc	
! target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_I target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_Kpf	HwDeg_f32 //trNm_f32 I_Cnt_lgc	
! target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_KpN target_Pim_PsaAgArbnLrndOffsData	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32	
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_I target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_Kpl target_Pim_PsaAgArbnLrndOffsData Actual Value	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc n_f32 Expected Value	Resul
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_KpN target_Pim_PsaAgArbnLrndOffsData Actual Value	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32 Expected Value 0	Resul
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_KpN target_Pim_PsaAgArbnLrndOffsData Actual Value 0	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32 Expected Value 0 1	Resul
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_KpN target_Pim_PsaAgArbnLrndOffsData Actual Value 0 1	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32 Expected Value 0 1	•
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_KpN target_Pim_PsaAgArbnLrndOffsData Actual Value 0 1 1 -314.935211	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32 Expected Value 0 1 1 -314.935211	•
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_Kpf target_Pim_PsaAgArbnLrndOffsData Actual Value 0 1 1 -314.935211 -835.223572	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32 Expected Value 0 1 1 -314.935211 -835.223572	
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_Kpf target_Pim_PsaAgArbnLrndOffsData Actual Value 0 1 1 -314.935211 -835.223572 0	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32 Expected Value 0 1 1 -314.935211 -835.223572 0	•
target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValic target_PsaAgArbn_Per1_VehicleSpeed_Kpf target_Pim_PsaAgArbnLrndOffsData Actual Value 0 1 1 -314.935211 -835.223572	_HwDeg_f32 MtrNm_f32 I_Cnt_lgc 1_f32 Expected Value 0 1 1 -314.935211 -835.223572	
g s 2 uli ; t_ s 3:	1	1

 ${\sf PsaAgAn_EscProc_Cnt_M_Igc}$





Name	Actual Value	Expected Value	Result
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.83202028	3.83202028	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	954.790894	954.790955	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-31.8344116	-31.8343906	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-314.935211	-314.935211	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-835.223572	-835.223572	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-314.935211	-314.935211	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-835.223572	-835.223572	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	260.144165	260.144165 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.855799973	0.855799973 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1180.02588	1180.02588 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				_
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.48 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-480.890411
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1046.43359
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	1.02900004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1056.20496
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	526.308228
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-678.528381
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1197.53906
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	672.915527
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

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Name Input Value k_CmnSysTrqRatio_HwNmpMtrNm_f32 77.9981003 k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32 24.1313992 k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32 30 k_PsaAgAn_EpsPrec_HwDeg_f32 17.4263 k_PsaAgAn_MinPrecFail_HwDeg_f32 436.111298 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 939.320923 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 2 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32 24.1313992 k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32 30 k_PsaAgAn_EpsPrec_HwDeg_f32 17.4263 k_PsaAgAn_MinPrecFail_HwDeg_f32 436.111298 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 939.320923 k_PsaAgAn_OffsDataInitMixOffs_HwDeg_f32 2 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32 30 k_PsaAgAn_EpsPrec_HwDeg_f32 17.4263 k_PsaAgAn_MinPrecFail_HwDeg_f32 436.111298 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 939.320923 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 2 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_EpsPrec_HwDeg_f32 17.4263 k_PsaAgAn_MinPrecFail_HwDeg_f32 436.111298 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 939.320923 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 2 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k PsaAgAn MinPrecFail HwDeg_f32 436.111298 k PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 939.320923 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 2 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 939.320923 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 2 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 2 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 378.190094 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 1 k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_OffsetPolarity_HwDeg_f32 1 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 9.15450001 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 -1.35810006 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 6.47860003	
k_PsaAgAn_VehCondMinTi_mS_u32 4361	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] 32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] 0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 0	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 0	
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] 10	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] 25	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 790.015381	
target_Pim_PsaAgArbnLrndOffsData.MinOffset -1177.11084	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2	
target_Pim_PsaAgArbnLrndOffsData.MinSrc 2	
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 51	
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 9533.14551	
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 220	
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 1	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0	
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 1453.39001	
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 20.9118004	
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value -3.45309997	
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value 675.495789	
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 1022.16461	
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1	
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -506.5271	
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 7.75409985	
target PsaAgArbn Per1 VehicleSpeedValid Cnt Igc.value 1	
target PsaAgArbn Per1 VehicleSpeed_Kph_f32.value 263.969299	
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse 558103182	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_AbsltHwPosnLvl2_Cnt_Igc target_PsaAgArbn.Per1_AbsltHwPosnLvl2_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_AbsltHwPosnPrecision_HwDegtarget_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegf32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_AbsltHwPosnVld_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_PsaAgArbn_PsaAgAr	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32	
target_Rte_Inist_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ f32	
target_Rte_Inist_Ap_PsaAgArbn.PsaAgArbn_Per1_ReiHwPosnVldToSeriCom_Cnttarget_PsaAgArbn_Per1_ReiHwPosnVldToSeriCom_Cnt_target_PsaAgArbn_P	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCPE_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData	
	D
Name Actual Value Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc 0	

PsaAgArbn_Per1





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1491.72815	1491.72815	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1415.05188	1415.05188	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.44458413	-3.44458389	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	672.205444	672.205505	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	601.209351	601.209351	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1197.53906	1197.53906	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	672.915527	672.915527	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	790.015381	790.015381	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1177.11084	-1177.11084	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	262.311768	262.311768 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-935.227295	-935.227295	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-506.5271	-506.5271 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.49 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-150.010895
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1210.67627
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.888100028
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-582.6073
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-410.742493
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1062.25757
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1





PsaAgAn_ResetEsc_Cnt_M_lgc 1 PsaAgAn_SinsrMod_Cnt_M_enum PSAAGAN_MODABSLT PsaAgAn_SinsrMod_Cnt_M_enum PSAAGAN_MODABSLT PsaAgAn_UsedOffs_Uls_M_strMaxOffset 1365.48975 PsaAgAn_UsedOffs_Uls_M_strMinOffset 0 PsaAgAn_UsedOffs_Uls_M_strMinOffset 0 PsaAgAn_UsedOffs_Uls_M_strMinOffset 0 PsaAgAn_UsedOffs_Uls_M_strMinOffset 0 Re_Call_Ap_PsaAgArb_NsystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) 1 Rite_Call_Ap_PsaAgArb_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) 1 Rite_Inst_Ap_PsaAgArb_NsystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime 1 Rite_Inst_Ap_PsaAgArb_NsystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime 1 Rite_Inst_Ap_PsaAgArb_NsystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime 1 Re_Inst_Ap_PsaAgArb_NsystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime 1 Re_Inst_Ap_PsaAgArb_NsystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime 1 RepaagAn_MabsHwPost_Inst_HwDeg_I32 18.4123993 R_PsaAgAn_Desc_Inst_HwDeg_I32 14.423993 R_PsaAgAn_NsystemTim_Inst_HwDeg_I32 144.036145 R_PsaAgAn_Dist_HwDeg_I32 146.2966 R_PsaAgAn_NsystemTim_Inst_HwDeg_		l
Package Sent Colf M. Jones	Name	·
Pasagher, Lestoffe, List, M. ant Assorbited Pasagher, Christoffe, List, M. ant Assorbited Pasagher, Lestoffe, List, M. and Assorbited Pasagher, Christoffe, List, M. and Assorbited Pasagher, Ch		
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Tills Coll Ap Pashykhra SystemTime Dimmiliasesoffine u.S. (322 Elispesoffine) Is Combyst Paske, Jankingshirah (122 Is Combyst Paske) (Ankingshirah (122) Is Combyst Paske)	PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	
No.		•
Compagning Passage Anthropology Compagning Passage Compagning Pa	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
P. Pasaghan, Assistance P. Pasaghan, Pasashand P. Pasaghan, Orthopataministance P. Pasaghan, Pasaghand P. Pasaghan, P. Pasa	Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
P. Baskgor Merher St. Merhor D.	k_CmnSysTrqRatio_HwNmpMtrNm_f32	86.4223022
Pandagh, Planiera Molego 12	k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	18.4123993
F. Pasaghon / Michael Marchego 122 144.2 (1997 144.2 (1997 144.2 (1997 144.2 (1997 144.2 (1997 144.2 (1997 144.2 (1998 144	k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	18.8885994
P. Pasagko, Official antificial Series 140,2815	k_PsaAgAn_EpsPrec_HwDeg_f32	0.238700002
F. Baskgh/ Chiffoatinifikotich (Chi.U6)	k_PsaAgAn_MinPrecFail_HwDeg_f32	414.210907
F. Pasaghn Confidential Micros (Pasaghn Con	k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1440.36145
F. Pasagko, Chifodaninshinisis, Cris. USB	k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
P. BandyAn VenCondMash17try Harbury 12	k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-146.2966
	k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
F. Pasa/Apr. VerCondMas/Mint Mritagis 12 5.5	k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.906599998
K. PaasAgh / WelfordMarePrid (New Mr. 192	k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	4.51900005
Panaghan Verloconthatworkspt_Main_102	k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
P. BasaghAn Nethon Mark Willy Us. strj 15(1)	k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.69209957
Pasaghan Abelthwallmy' Us. jul 19[6] 32788 32788 1	k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.93700027
P.BasaghAn Abelthwalthy' U. Is. 1915[1] 22788	k_PsaAgAn_VehCondMinTi_mS_u32	2265
P.BSAgAA, Abelth-Wallwy Us 1915 11 22788	t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
Pasaghan_Abelth-WooshrecX_HWDeg_utl6p(0) 0 Pasaghan_Abelth-WooshrecX_HWDeg_utl6p(0) 1 Pasaghan_Abelth-WooshrecX_HWDeg_utl6p(0) 1 Pasaghan_Abelth-WooshrecX_HWDeg_utl6p(0) 2 Pasaghan_Abelth-WooshrecX_HWDeg_utl6p(0) 2 Pasaghan_Abelth-WooshrecX_HWDeg_utl6p(0) 3 Pasaghan_Abelth-Pert_Quality_HWDeg_utl6p(0) 3 Pasagha	t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PasaAgAn AbatthwPosnPrecX MoDeg u16p0(1) 10 25 25 25 25 25 25 25 2	t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
P. Pasaghan Assith MPosonPrecX_ HwDeg_u16p(01) 10 15 15 15 15 15 15 15	t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PasagAn AbatthwPosnPrexX_HWDeg_u16p0[3] 25	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
FasaQArbn.IndOffsData MarXifeet	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
target, Pim_PsaAgArbn.IndOffsData MarOffset 1279 97559 1279 9755	t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
target_Pim_PasAgArbcI.mc00ffsData MarX0ffset 129 97559 target_Pim_PasAgArbcI.mc00ffsData MinSrc 2 target_Pim_PasAgArbcI.mc00ffsData MinSrc 2 target_PasAgArbcI.mc00ffsData MinSrc 0 target_PasAgArbcI.mc00ffsData MinSrc 100 target_PasAgArbcI.mcPerl_AlignedCumMechNtProsStatus_Cnt_u08 value 100 target_PasAgArbcI.mcPerl_EscotAsfromSerCom_Cnt_Igo-value 113 target_PasAgArbcI.mcPerl_EscotAsfromSerCom_Cnt_Igo-value 0 target_PasAgArbcI.mcPerl_EscotAsfromSerCom_Cnt_Igo-value 1 target_PasAgArbcI.mcPerl_EscotAsfromSerCom_Cnt_Igo-value 1 target_PasAgArbcI.mcPerl_EscotAsfromSerCom_HwDeg_I32 value 1520 97664 target_PasAgArbcI.mcPerl_HwTorque_HwNm_I32 value 175007006 target_PasAgArbcI.mcPerl_HwTorque_HwNm_I32 value 323 719513 target_PasAgArbcI.mcPerl_HwTorque_HwNm_I32 value 323 23822 target_PasAgArbcI.mcPerl_SerosfresAgarbcI.mcPerl_AgaArbcI.mcPerl_AgaArbcI.mcPerl_AgaArbcI.mcPerl_AgaArbcI.mcg.scg.ic.ic.ic.ic.ic.ic.ic.ic.ic.ic.ic.ic.ic.	t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[3]	1679
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ft target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		, - · ,
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_kte_inst_ap_rsaagarbn.rsaagarbn_rer1_keihwrosn+osertCom_hwDeg_ target_rsaagarbn_rer1_keihwPosnToSertCom_hwDeg_f32		
	target_kte_inst_ap_Psaagardn.Psaagardn_Per1_RelHwPosn1oSerlCom_HwDeg_	larget_rsaAgArdn_reri_keiHwrosn1oSeriCom_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1361.06982	-1361.06982	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1396.76855	-1396.76855	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.74306154	4.74306154	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-324.211395	-324.211395	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-143.747406	-143.747406	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1365.48975	1365.48975	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1361.06982	-1361.06982	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1396.76855	-1396.76855	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	682.744873	682.744873 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	947.255127	947.255127	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.923200011	0.923200011 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-354.846497	-354.846497 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 3.50 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	668.677612	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1136.15027	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	





Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.9835
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1286.79871
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	645.274109
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-335.612915
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1402.53894
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-989.562622 1
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	52.2326012
PsaAqAn AbsHwPosLvl1 HwDeg f32	13.4981003
PsaAgAn AbsHwPosLvl2 HwDeg f32	12.9719
:_PsaAgAn_EpsPrec_HwDeg_f32	16.3985004
c_PsaAgAn_MinPrecFail_HwDeg_f32	199.169907
c_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-416.769012
c_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
 <pre>c_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32</pre>	1277.70618
z_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.800100029
z_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.79990005
r_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.398900002
z_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.26469994
r_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.0625
z_PsaAgAn_VehCondMinTi_mS_u32	8461
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-846.537598
arget_Pim_PsaAgArbnLrndOffsData.MinOffset arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	-330.809814 1
arget_Pim_PsaAgArbnLrndOrisData.MinSrc	0
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	51
arget PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	8478.13477
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	116
arget PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	0
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
arget PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	553.509827
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.40409994
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.13259995
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-739.416199
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	31.4008007
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.331099987
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	909.984802
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.269699991
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	398.274597
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVid_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 m target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 m target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 m target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum s target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enui arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enui arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 m target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 0 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVid_Cnt_Igc arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 m target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 0 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l	qc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target PsaAgArbn Per1 HandwheelAuthorii		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	· - ·	· - -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target PsaAgArbn Per1 RelHwPosnToSerl	—	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	- toouit
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	668.677612	668.677612	•
PsaAgAn ComputedOffs Uls M str.MinOffset	-1136.15027	-1136.15027	
	1	1	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	PSAAGAN POWERCUT	PSAAGAN POWERCUT	-
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn EscProc Cnt M lgc	0	0	
0 = = = = 0	-1.14561653		
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-735.566284	-1.14561677 -735.566345	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32			-
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-13.9647827	-13.9647827	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT 1630	PSAAGAN_MODABSLT 1630	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32			
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc			
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	668.677612	668.677612	- 4
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-989.562622	-989.562622	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	- 4
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-846.537598	-846.537598	- 4
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-330.809814	-330.809814	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	020 420447	0	- 4
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	829.120117	829.120117 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.331099987	0.331099987 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	909.984802	909.984802 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 3.51 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0





Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	-905.692871 1100.01245
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	-1180.01245 1
PsaAgAn ComputedOffs Uls M str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-6.73799992
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	637.108582
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-248.124893
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1000.01947
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1288.62634
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-6.97930002
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1 target Dta Call An DeaAgArhn SystemTime OtronElancedTime u.S. u.32 ElancedTime
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	50.3033981
k PsaAgAn AbsHwPosLvl1 HwDeg f32	30
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	23.5757999
k_PsaAgAn_EpsPrec_HwDeg_f32	4.56519985
k_PsaAgAn_MinPrecFail_HwDeg_f32	277.457214
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	373.130402
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1076.36755
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.14660001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.170200005
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.00209999
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.7468996
k_PsaAgAn_VehCondMinTi_mS_u32	4528
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	
t_PsaAgAn_AbsitthwPosnPrecX_HwDeg_u16p0[0]	0 10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	1068.81287
target Pim PsaAgArbnLrndOffsData.MinOffset	-263.016602
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	124
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7588.80078
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	150
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-2.41560006
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.9782009
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.27150011
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-225.110901
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2164.52222
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1041.94128
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.709500015
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	170.072906
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	

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PsaAgArbn_Per1



Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_	Cnt Iqc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosn HwDeg f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hv			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum				
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus				
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerI0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho	rity_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	on_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNr	n_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrR	adpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	eg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSe	rlCom_HwDeg_f32		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldTc	SerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAutho	rity_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPo	s_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVal	id_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	bh_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0	0		
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	~	
PsaAgAn AgArbnOffsFlt Cnt M lgc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	31.1278	31.1278	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-35.9589996	-35.9589996	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓	
PsaAgAn_EscProc_Cnt_M_lgc	1	1	_	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.2467823	6.24678183	✓	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-223.472656	-223.472672	~	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	41.4105988	41.4105911	~	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	~	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~	
PsaAgAn_StInit_Cnt_M_lgc	1	1	~	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	31.1278	31.1278	~	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-35.9589996	-35.9589996	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	31.1278	31.1278	~	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-35.9589996	-35.9589996	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~	
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~	
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	33.5433998	33.5433998 ± 1e-05	~	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	~	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	~	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	~	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1041.94128	-1041.94128 ± 0.00001	~	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

- 101 0 TO (D. 100 11)	
Test Step 3.52 (Repeat Count = 1)	V
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-658.471191
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	404.898407
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	9.41629982
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	133.540207
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	546.173828
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-713.389893
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1406.70349
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	607.646973
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	63.3358002
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	9.4435997
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	11.2658005
k_PsaAgAn_EpsPrec_HwDeg_f32	12.8142004
k_PsaAgAn_MinPrecFail_HwDeg_f32	459.2901
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-352.535797
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-817.638489
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.404500008
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.60050011
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.54939985
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	8.82349968
k_PsaAgAn_VehCondMinTi_mS_u32	9235
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	987.52417
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1402.93567
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	0

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PsaAgArbn_Per1



Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	225		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3576.09961 96		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	90		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-51.3218002		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.5183001		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.98169994		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	936.764771		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-457.593903		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	686.570984 3.9375999		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	133.646698		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLv	I1_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLv	I2_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegates and the property of the property $	g_ target_PsaAgArbn_Per1_AbsltHwPosnPr	ecision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVlo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_H		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target PsaAgArbn Per1 EscAckFromSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cr		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg	f target_PsaAgArbn_Per1_EscOffsFromSe	rlCom_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hvariant and the property of the propert$	vE target_PsaAgArbn_Per1_EscPrecisionFro	omSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuth	ority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwN	_	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_Mtr		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	target_PsaAgArbn_Per1_RelHwPos_HwI g_target_PsaAgArbn_Per1_RelHwPosnToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cn			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuth		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRI	=_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVa	alid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_l	Cph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn AgArbnOffsFit Cnt M lgc	1 0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	-658.471191	-658.471191	
PsaAgAn ComputedOffs Uls M str.MinOffset	404.898407	404.898407	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	2.99392557	2.99392581	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	935.238647	935.238647	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	252.930969	252.930969	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL 0	
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	•	
- 	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0 0 0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 0 PSAAGAN_MODFAIL 1 1406.70349	0 PSAAGAN_MODFAIL 1 1406.70349	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 0 PSAAGAN_MODFAIL 1 1406.70349 607.646973	0 PSAAGAN_MODFAIL 1 1406.70349 607.646973	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0 0 PSAAGAN_MODFAIL 1 1406.70349 607.646973	0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0 0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2	0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2	
PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1	0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1 -352.535797	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	0 0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1 -352.535797 -817.638489	0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1 -352.535797 -817.638489	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0 0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1	0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1 -352.535797	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0 0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1 -352.535797 -817.638489	0 PSAAGAN_MODFAIL 1 1406.70349 607.646973 2 1 -352.535797 -817.638489 2	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	399.528259	399.528259 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1007.17523	-1007.17523	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	686.570984	686.570984 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

lame	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn AgArbnOffsFitDetd Cnt M lgc	1
saAgAn AgArbnOffsFlt Cnt M lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	902.739624
PsaAgAn ComputedOffs Uls M str.MinOffset	-1606.31042
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
saAgAn_ComputedOffs_Uls_M_str.MinSrc	0
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT
saAgAn EscProc Cnt M Igc	0
saAgAn HwTrqLPF Uls M str.SV Uls f32	-3.33260012
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-988.859802
	0.998099983
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32 saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	101.878098
· · · · ·	0.998099983
saAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	PSAAGAN MODFAIL
saAgAn_PrevSnsrMod_Cnt_M_enum saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1418.81262
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1410.01202
	0
saAgAn_ResetEsc_Cnt_M_lgc	
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL 1
saAgAn_Stlnit_Cnt_M_lgc	
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-982.509399
saAgAn_UsedOffs_Uls_M_str.MinOffset	1136.86475 1
saAgAn_UsedOffs_Uls_M_str.MaxSrc	
saAgAn_UsedOffs_Uls_M_str.MinSrc	
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedT	
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	21.2539997
PsaAgAn_AbsHwPosLvI1_HwDeg_f32	27.2752991
_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	26.5028
_PsaAgAn_EpsPrec_HwDeg_f32	10.7580004
_PsaAgAn_MinPrecFail_HwDeg_f32	10.1448002
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	881.179077
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1547.2865
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
_PsaAgAn_OffsetPolarity_HwDeg_f32	0.0584000014
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.56949997
PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.25440025
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.2665
_PsaAgAn_VehCondMinTi_mS_u32	5764
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0





Name t DegAgAn Abelt-MyAuthyV IIIe u1e15[3]	Input Value		
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[3] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0		
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1639.21191		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	470.371185		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0 99		
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	-1048.62158		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	97		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1480.36829		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.7359009		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-8.47830009 1322.45032		
target_PsaAgArbn_Per1_RelHwPos_HwDog_f32.value	-2537.66919		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	480.519592		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.49419999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	326.019012		
		2.1.	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_(
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0 target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVId_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechM	ltrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
	target_PsaAgArbn_Per1_CumMechMtrPosSt		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_ltarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscDataVldFromSetarget_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
	target_PsaAgArbn_Per1_EscOffsFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32$	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPos_HwDeg target_PsaAgArbn_Per1_RelHwPosnToSerlC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target PsaAgArbn Per1 RelHwPosnVldToS		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Property of West	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	902.739624	902.739624	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1606.31042	-1606.31042	•
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAnAn_MtrVall_PF_UIs_M_etr_SV_UIs_f32	-8.46852303 1318.05859	-8.46852303 1318.05884	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	1318.05859 44.6423798	44.6423798	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL	PSAAGAN MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-982.509399	-982.509399	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1136.86475	1136.86475	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1639.21191	1639.21191	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	470.371185	470.371185	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-77.1777344	-77.1777344	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	480.519592	480.519592 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.54 (Repeat Count = 1)	· ·
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	667.844482
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1337.04126
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	4.46799994
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.996999979
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1110.47009
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.996999979
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-550.490906
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.996999979
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1049.03052
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	981.402405
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1428.6073
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	100
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	7.26060009
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	28.4328003
k_PsaAgAn_EpsPrec_HwDeg_f32	0.0421999991
k_PsaAgAn_MinPrecFail_HwDeg_f32	35.2084999
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1479.44763
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1131.85339
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.649699986

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	4.23330021		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.22410011		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.73200035 6112		
k_PsaAgAn_VehCondMinTi_mS_u32 t PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-276.612396		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-61.165699		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	126		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9330.16992		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	115		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0 1		
target_PsaAgArbn_Peri_EscDatavidFromSeriCom_Cnt_igc.value target PsaAgArbn Per1 EscOffsEna Cnt lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1623.50452		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	29		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.57740021		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	1212.39404		
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	-2619.13379		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1235.84473		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.11049986		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	107.620903		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2655412680		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechl target PsaAgArbn Per1 AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSeriCom Cnt			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	2 target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		ICom_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp target_Pim_PsaAgArbnLrndOffsData	n_t32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData		Formation of Males	
Name PegAgAn AbeltHwPoepl vi2 Cpt M Igo	Actual Value	Expected Value	Resu
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc		0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	667.844482	667.844482	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1337.04126	1337.04126	
	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 PSAAGAN_INIT	1 PSAAGAN_INIT	•

1205.42542

1205.42542

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32

PsaAgArbn_Per1

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Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-506.604645	-506.604645	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	981.402405	981.402405	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1428.6073	1428.6073	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1479.44763	1479.44763	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1131.85339	1131.85339	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1205.00488	-1205.00488	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1235.84473	-1235.84473 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 3.55 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	29.4146004
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1488.93518
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.08650017
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1294.63538
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-497.029297
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	71.1427002
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-964.634705
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1655.54419
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	73.9941025

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	I		
Name	Input Value		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	26.9256001		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	25.0324001		
k_PsaAgAn_EpsPrec_HwDeg_f32	13.2799997		
k_PsaAgAn_MinPrecFail_HwDeg_f32	13.0712996		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-827.285522		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-188.5914		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.842599988		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.158800006		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-2.3138001		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.5145998		
k_PsaAgAn_VehCondMinTi_mS_u32	9635		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	554.400574		
target Pim PsaAqArbnLrndOffsData.MinOffset	1486.31873		
target Pim PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	59		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5350.82861		
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	106		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value			
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	549.374207		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.6116009		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.67940044		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	933.749878		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1788.01953		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1287.00916		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.45409989		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	422.658905		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	252964236		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerICc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target PsaAgArbn Per1 EscOffsEna Cnt Ic		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_i			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target_PsaAgArbn_Per1_EscPrecisionFroms target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDog_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	554.400574	554.400574	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1486.31873	1486.31873	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.64564323	-8.64564514	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	929.515991	929.51593	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-264.704681	-264.704681	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	554.400574	554.400574	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1486.31873	1486.31873	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	554.400574	554.400574	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1486.31873	1486.31873	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1600	-1600 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	v

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 3.56 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	467.512299
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	452.577515
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-1.81659997
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	789.894775
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	585.169373
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-948.120605
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL





Name Input Va PsaAgAn_Stinit_Cnt_M_lgc 0 PsaAAgAn_IlledOffs_Ula_M_str_MovOffset 1482.41	alue
3 2 2 2 2 2 3	
	400
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -1482.41	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset -46.8186 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0	909
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1	
	te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
	te_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32 14.45600	
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32 1.880599	
k PsaAgAn AbsHwPosLvl2 HwDeg f32 26.1271	
k_PsaAgAn_EpsPrec_HwDeg_f32 7.982600	021
k_PsaAgAn_MinPrecFail_HwDeg_f32 139.5086	506
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 700.7595	521
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 2	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -632.869	324
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 2	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 2.275199	989
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 9.311300	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 7.942200	018
k_PsaAgAn_VehCondMinTi_mS_u32 2238	
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] 32768	
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] 32768 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] 0	
2 1 3 2 1 1 1 1 1 1 1 1	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] 0 t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] 0	
t_PsaAgAn_AbsithwPosnPrecX_hwDeg_u16p0[1] 10	
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2] 25	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] 1679	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 133.0711	106
target_Pim_PsaAgArbnLrndOffsData.MinOffset 440.4674	
target Pim PsaAgArbnLrndOffsData.MaxSrc 0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc 2	
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 11	
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 3539.371	134
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 176	
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 0	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value 1	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1	
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value 867.2377	793
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value 17.60799	998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 4.547500	013
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -1299.44	
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 1282.218	302
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1	
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value -137.306	
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 2.737400	005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 338.0134	
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse 22117179	590 saAgArbn Per1 AbsitHwPosnLvI1 Cnt Igc
	saagardn_Per1_AbsitHwPosnLvI1_Cnt_igc saAgArbn_Per1_AbsitHwPosnLvI2_Cnt_igc
	saagardn_Per1_absitHwPosnLviz_Cnt_gc saAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32
	saagardn_Per1_AbsitHwPosnPrecision_HwDeg_t32 saAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc
	saagarbii_Peri_absithwPositvio_Citi_igc saAgArbn Peri_AbsithwPosn HwDeg f32
	saAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
	saAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08
0 = = = 1 = 0 = = 0 =	saAgArbn Per1 AlignedCultimicchiwith 030tatus_Ont_u00
	saAgArbn Per1 CumMechMtrPosStatus Cnt u08
· -	saAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc
	saAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
	saAgArbn_Per1_EscOffsEna_Cnt_lgc
	saAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
	saAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
	saAgArbn_Per1_HandwheelAuthority_Uls_f32
	saAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Ps	saAgArbn_Per1_HwTorque_HwNm_f32
	saAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Ps	saAgArbn_Per1_RelHwPos_HwDeg_f32
	saAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
	saAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Ps	saAgArbn_Per1_SensorlessAuthority_Uls_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	467.512299	467.512299	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	452.577515	452.577515	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.53540802	4.53540802	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1295.47144	-1295.47144	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	45.1473999	45.1473618	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1282.21802	1282.21802	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1482.41138	-1482.41138	•
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	-46.8186989	-46.8186989	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	700.759521	700.759521	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-632.869324	-632.869324	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-137.306305	-137.306305 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1282.21802	1282.21802 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.57 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-817.787109	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.30270004	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.565599978	





Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1140.02991
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.565599978
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	699.319275
	0.565599978
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1041.66211
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn UsedOffs Uls M str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	26.3162003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	19.7287006
k PsaAgAn AbsHwPosLvl2 HwDeg f32	24.9754009
k_PsaAgAn_EpsPrec_HwDeg_f32	8.56439972
k_PsaAgAn_MinPrecFail_HwDeg_f32	425.556793
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-513.099609
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	270.863495
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.105800003
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.00820017
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0926999971
k PsaAgAn VehCondMaxPinTrg HwNm f32	8.02680016
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.395500004
k_PsaAgAn_VehCondMinTi_mS_u32	4283
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1186.42651
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-709.153015
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	240
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	-814.834595
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	76
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1359.58398
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	14.9976997
target PsaAgArbn Per1 HwTorque HwNm f32.value	-4.06519985
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-416.810303
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2142.16528
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.972599983
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1173.35632
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.98169994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	0
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	26.5435009
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_rtte_met_rtp_r ear ig, item: ear ig, item er i teet i m een vid_en ige	toward Dankardan Dank Abalilla Dana Lla Dana (00)
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32\\target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum$	n target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	n target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_uc	n target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 itarget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_ucltarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	n target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 itarget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_uctarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	n target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 btarget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc btarget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_ucltarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	n target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 btarget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc btarget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc





Name	Input Value				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	arget_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32				
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData				
Name	Actual Value	Expected Value	Result		
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	•		
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓		
PsaAgAn AgArbnOffsFlt Cnt M lgc	1	1	-		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-120.281891	-120.281891	✓		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-167.406097	-167.406097	~		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~		
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓		
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•		
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.86517	-2.86516976	✓		
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	259.48114	259.48111	•		
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	242.219666	242.21965	✓		
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓		
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-814.834595	-814.834595	✓		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓		
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓		
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~		
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓		
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-120.281891	-120.281891	•		
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-167.406097	-167.406097	✓		
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓		
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-120.281891	-120.281891	~		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-167.406097	-167.406097	✓		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓		
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓		
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓		
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	23.5621033	23.5621033 ± 1e-05	✓		
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~		
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-670.990601	-670.990601	~		
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~		
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.972599983	0.972599983 ± 1e-05	~		
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1173.35632	-1173.35632 ± 0.00001	~		
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-814.834595	-814.834595 ± 1e-05	~		
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.58 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1





	l
Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1445.56909
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_Igc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.83379984
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-840.786316
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	662.231995
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	336.644012
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k CmnSysTrgRatio HwNmpMtrNm f32	34.7478981
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	4.35720015
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	4.59569979
k_PsaAgAn_EpsPrec_HwDeg_f32	19.9377003
k_PsaAgAn_MinPrecFail_HwDeg_f32	45.0195007
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1205.21252
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-523.219971
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.27909994
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.2322998
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.6395998
k_PsaAgAn_VehCondMinTi_mS_u32	458
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-92.3227997
target Pim PsaAgArbnLrndOffsData.MinOffset	1589.36755
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	241
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	-5339.5874
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	95
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-30.9878998
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.81659985
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.7439003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	37.0617981
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	152.785095
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.512199998
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	897.555725
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.60349989
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	193.172302
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2939395105
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc
2	, , , , , , , , , , , , , , , , , , , ,

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PsaAgArbn_Per1



Name	Input Value		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosn HwDeg f32	target PsaAgArbn Per1 AbsltHwPosn Hw	Deg f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enur		·-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValie		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	/ / /
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1	1	
PsaAgAn AgArbnOffsFit Cnt M Igc	1	1	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-6.23360062	-6.23360062	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-55.7421989	-55.7421989	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	·
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN POWERCUT	PSAAGAN POWERCUT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.7383709	-9.7383709	•
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	35.3939209	35.3939209	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-237.488892	-237.488907	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	V
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	
PsaAgAn ResetEsc Cnt M Igc	0	0	V
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn StInit Cnt M Igc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1205.21252	1205.21252	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-523.219971	-523.219971	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc.value	0	0	•
0 = 0 = = = = = = = = = = = = = = = = =	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value			
	-839.5	-839.5	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value		-839.5 1	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5		
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	-839.5 1	1	~
target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_igc.value target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	-839.5 1 0.512199998	1 0.512199998 ± 1e-05	*



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.59 (Repeat Count = 1)	
Name Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1201.43909
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	322.634613
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	4.07789993
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.0432000011
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-490.007599
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0432000011
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	213.673096
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0432000011
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1588.38147
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn UsedOffs Uls M str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(Elapsi	
kte_caii_Ap_rsaAgArbii_systemrime_btimilEtapsectime_us_usz(Etapsi Rte_Inst_Ap_PsaAgArbii	
	target_Rte_Inst_Ap_PsaAgArbn
C_CmnSysTrqRatio_HwNmpMtrNm_f32	46.1654015 27.0154991
x_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	
x_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.55139995
x_PsaAgAn_EpsPrec_HwDeg_f32	2.89949989
x_PsaAgAn_MinPrecFail_HwDeg_f32	348.746704
x_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	770.384583
x_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
x_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	936.248474
x_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
x_PsaAgAn_OffsetPolarity_HwDeg_f32	0.861899972
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.368900001
PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
z_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.18440008
x_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.657500029
_PsaAgAn_VehCondMinTi_mS_u32	9380
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	861.034973
arget Pim PsaAgArbnLrndOffsData.MinOffset	1448.59399

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PsaAgArbn_Per1



Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	209		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6084.65479		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	225		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	421.519501		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.02110004		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.779799998		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	5.33850002		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2400.21997		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1597.72156		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.96390009 0		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value			
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	172.629807		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		Cost less	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwE		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechN target_PsaAgArbn_Per1_AlignedRelHwPos		
		· · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerICc		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSeriCom_Cnt_Inst_Ap_RsaAgArbn_PsaAgArb	· - ·		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_k		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target PsaAgArbn Per1 HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	, - ,	,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 SensorlessHwPos HwDeg f32	target PsaAgArbn Per1 SensorlessHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	- -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target PsaAgArbn Per1 VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	- Nosuit
PsaAgAn AgArbnOffsFitDetd Cnt M Igc	1	1	-
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	371.228241	371.228241	·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset			
		355 387054	
	355.387054	355.387054	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	· ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	2 2 PSAAGAN_DEFECT	2 2 PSAAGAN_DEFECT	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	2 2 PSAAGAN_DEFECT 0	2 2 PSAAGAN_DEFECT 0	\rightarrow \right
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2 2 PSAAGAN_DEFECT 0 3.93542194	2 2 PSAAGAN_DEFECT 0 3.93542194	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054 2	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054 2	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ReetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054 2 2	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054 2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Str.Mod_Cnt_M_enum PsaAgAn_Str.Mod_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054 2 2 371.228241	2 2 PSAAGAN_DEFECT 0 3.93542194 -468.608643 192.582031 PSAAGAN_MODABSLT -1630 1 0 PSAAGAN_MODABSLT 1 371.228241 355.387054 2 2 371.228241	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	7.92059326	7.92059326 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1597.72156	1597.72156 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.60 (Repeat Count = 1)	Invest Value
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-529.519409
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.99840021
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	281.017914
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-245.787796
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	614.204285
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
C_CmnSysTrqRatio_HwNmpMtrNm_f32	95.5250015
PsaAgAn AbsHwPosLvI1 HwDeg f32	4.22179985
C PsaAgAn AbsHwPosLvl2 HwDeg f32	5.29750013
z_PsaAgAn_EpsPrec_HwDeg_f32	1.45640004
s_PsaAgAn_MinPrecFail_HwDeg_f32	166.406403
S PsaAgAn OffsDataInitMaxOffs HwDeg f32	1140.60522
S PsaAgAn OffsDataInitMaxSrc Cnt u08	1
S PsaAgAn OffsDataInitMinOffs HwDeg f32	1635.50146
S PsaAgAn OffsDataInitMinSrc Cnt u08	1
S PsaAgAn OffsetPolarity HwDeg f32	-0.738799989
S PsaAgAn VehCondMaxHwTrq HwNm f32	0.45480001
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
<pre>c_r sangan_vencondmaxmuve_wurvaupo_rsz</pre> <pre>c_PsaAgAn_VehCondMaxPinTrq_HwNm_f32</pre>	3.74769998
<pre><_r sangan_vencondmax irriq_rividin_is2</pre> <pre><_PsaAgAn_VehCondMaxVehSpd_Kph_f32</pre>	1.66550004
CPSaAgAn_VenCondMinTi mS u32	7146
C_FsaAgAn_Vencondiviiir1_in5_u32 :_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[0]	32768





Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[2]	25		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1160.46326		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1499.43384		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	190		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	-2659.16309 222		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt Igc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1035.04736		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.5487995		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.06640005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-681.732971		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-134.005096		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0482000001		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-635.044006		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	-1.31739998 0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	172.225998		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	:nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechN target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ic	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target PsaAgArbn Per1 RelHwPosnToSerl0	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVIdToS	_ ·-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn AgArbnOffsFitDetd Cnt M lgc	0	0	-
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc		1	-
gg			
PsaAgAn ComputedOffs Uls M str.MaxOffset	-744.687805	-744.687805	•
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset			~
· - ·	-744.687805	-744.687805	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-744.687805 -784.698181	-744.687805 -784.698181	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	-744.687805 -784.698181 2 2 PSAAGAN_INIT	-744.687805 -784.698181 2 2 PSAAGAN_INIT	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	-744.687805 -784.698181 2 2 PSAAGAN_INIT	-744.687805 -784.698181 2 2 PSAAGAN_INIT	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297661	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297685	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297661 -679.903687	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297685 -679.903748	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297661 -679.903687 -128.13501	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297685 -679.903748 -128.134995	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297661 -679.903687 -128.13501 PSAAGAN_MODABSLT	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297685 -679.903748 -128.134995 PSAAGAN_MODABSLT	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297661 -679.903687 -128.13501	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297685 -679.903748 -128.134995	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297661 -679.903687 -128.13501 PSAAGAN_MODABSLT -1630	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297685 -679.903748 -128.134995 PSAAGAN_MODABSLT -1630	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ReIHwPosnVIdToSerlCom_Cnt_M_Igc	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297661 -679.903687 -128.13501 PSAAGAN_MODABSLT -1630	-744.687805 -784.698181 2 2 PSAAGAN_INIT 0 -2.05297685 -679.903748 -128.134995 PSAAGAN_MODABSLT -1630	· · · · · · · · · · · · · · · · · · ·





Name	Actual Value	Expected Value	Result
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-744.687805	-744.687805	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-784.698181	-784.698181	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-744.687805	-744.687805	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-784.698181	-784.698181	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	20.005188	20.005188 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-865.307007	-865.307007	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0482000001	0.0482000001 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-635.044006	-635.044006 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	-
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	-
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.61 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn AgArbnOffsFlt Cnt M Igc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-974.92627
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-889.048584
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	8.71500015
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-98.9943008
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	765.496582
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1186.64319
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.3600998
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	12.6217003
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.0324001
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	374.341095
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	103.544502

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Name	Input Value		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	889.830078		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.746699989		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.94379997		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.464700013		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.42400002		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.51929998 9630		
k_PsaAgAn_VehCondMinTi_mS_u32 t PsaAgAn AbsltHwAuthyY Uls u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768		
t PsaAgAn AbsltHwAuthyY Uls u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	506.64859		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1656.26453		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	189		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7541.55469		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	78		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-400.498901		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.1669006		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.26539993		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-494.106506		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2445.61963		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	-942.256104		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.21500015		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	327.530914		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3397517837		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2	_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrec	ision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMech target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwError = 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1$	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	335.219421	335.219421	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	262.88562 2	262.88562	-
PsaAqAn ComputedOffs Uls M str.MinSrc	2	2	

PsaAgAn_ComputedOffs_Uls_M_str.MinSrc





Name	Actual Value	Expected Value	Result
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	~
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.24453735	-2.24453688	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-493.355774	-493.355774	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-126.750122	-126.750114	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	335.219421	335.219421	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	262.88562	262.88562	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	335.219421	335.219421	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	262.88562	262.88562	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	36.1669006	36.1669006 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1330.94751	1330.94751	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.318100005	0.318100005 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-942.256104	-942.256104 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 3.62 (Repeat Count = 1)	<u> </u>
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	193.054092
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.55240011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.755299985
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-256.917389
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.755299985
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	404.868591
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.755299985
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1004.85718
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0

PsaAgArbn_Per1



Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	95.8631973
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	2.67810011
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	10.4707003
k_PsaAgAn_EpsPrec_HwDeg_f32	12.9323997
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	235.483307 1104.48584
k PsaAgAn OffsDataInitMaxSrc Cnt u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-299.606415
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.730400026
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.79920006
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.42120004
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.13730001
k_PsaAgAn_VehCondMinTi_mS_u32	6705 32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uis_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1056.24805
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1672.55664 0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc target Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5371.6377
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	244
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	41.4650002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.8337994 2.23200011
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	1018.71527
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-225.666
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.41749989
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1589.84424
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	4.13940001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	7.33500004
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc target PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg f32
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_RsaAgArbn_PsaAgaArbn_PsaAgAr	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOrrs-romSeriCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn_PsaAgArb	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
5 5	, 0 = 0 · = · = · · · · · · · · · · · · ·





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	a	
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	9.48015976	9.48015976	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-70.0522308	-70.0522308	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	•
PsaAgAn_EscProc_Cnt_M_lgc	1	1	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.04450202	3.04450202	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	706.567993	706.567932	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	400.472382	400.472382	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1104.48584	1104.48584	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-299.606415	-299.606415	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	'
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.417499989	0.417499989 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1589.84424	1589.84424 ± 0.00001	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 3.63 (Repeat Count = 1)		~
Name	Input Value	
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1489.13464	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.03730011	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-877.145386	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-7.92019987	





Name	Input Value
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-216.580399
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1 PSAAGAN MODABSLT
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	3.0783999
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	15.8036003
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	17.5396004
k_PsaAgAn_EpsPrec_HwDeg_f32	6.69379997
k_PsaAgAn_MinPrecFail_HwDeg_f32	293.155396
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	23.6972008
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1581.61743
k_PsaAgAn_OffsaDataInitMinSrc_Cnt_u08	0.555700004
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.555700004
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.5777998 0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.5 0.976700008
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.30800009
k PsaAgAn VehCondMinTi mS u32	6279
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[2]	0
t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	698.72699
target_Pim_PsaAgArbnLrndOffsData.MinOffset	212.827698
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	221
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1260.2428
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	149
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1307.71387
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	19.8946991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.97640002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	888.333374
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3013.88721
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.267199993
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-634.661499
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	242.766602
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu332_ElapsedTim$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumwecniwitiPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCurriniecrinitiPosStatus_Crit_uuo target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignetReinwPos_nwDeg_isz target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ttarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_Hw	/Nm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_M	trRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_Hw	vDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnTo	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVlo	dToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAut		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target PsaAgArbn Per1 SensorlessHw	Pos HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCF	RF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeed\	Valid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_	Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-700.108093	-700.108093	✓
PsaAgAn ComputedOffs Uls M str.MinOffset	-753.285095	-753.285095	•
PsaAgAn ComputedOffs Uls M str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	-
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN POWERCUT	PSAAGAN_POWERCUT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	1.95927429	1.95927382	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	884.978882	884.978943	-
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	28.9960442	28.9960461	•
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODABSLT	PSAAGAN MODABSLT	·
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1260.2428	1260.2428	•
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1	1	-
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	-
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	-
PsaAgAn UsedOffs Uls M str.MinOffset	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target Pim PsaAgArbnLrndOffsData.MaxOffset	-700.108093	-700.108093	-
target Pim PsaAgArbnLrndOffsData.MinOffset	-753.285095	-753.285095	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	-
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target PsaAgArbn Per1 AbsltHwPosnLvI1 Cnt Igc.value	0	0	-
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	-
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	420.742798	420.742798	-
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.267199993	0.267199993 ± 1e-05	-
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-634.661499	-634.661499 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1260.2428	1260.2428 ± 1e-05	-

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	V

Test Step 3.64 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	368.437714

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1416.38696
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-5.30730009
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.108599998
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	764.899109
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.108599998 -18.2070999
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.108599998
PsaAgAn PrevSnsrMod Cnt M enum	PSAGAN MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	228.729004
PsaAgAn RelHwPosnVIdToSerlCom Cnt M lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	29.0098991
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	1.35520005
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0.243799999
k_PsaAgAn_EpsPrec_HwDeg_f32	4.98769999
k_PsaAgAn_MinPrecFail_HwDeg_f32	414.030212
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	649.019897
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-50.4846001 1
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.754700005
k PsaAgAn VehCondMaxHwTrq HwNm f32	7.27010012
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.467299998
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.79419994
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	4.03410006
k_PsaAgAn_VehCondMinTi_mS_u32	2037
t PsaAgAn AbsltHwAuthyY Uls u1p15[0]	32768
t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-658.875427
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1626.32483
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	43
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3690.17578
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	167
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0 -1470.3783
target_PsaAgArbn_Per1_EscOnsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.65219975
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.77899981
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-634.333679
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1049.05127
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	926.907104
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-0.310499996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	15.9405003
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
	target DonAgArba Dord Abalt-Hu/DonDrocision Hu/Dog 122
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
	target_PsaAgArbn_Per1_AbsitrtwPoshVid_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgAr$	





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechI	/trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	gc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	1 f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsitHwPosnLvl2 Cnt M lgc	0	0	- TOOUIC
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	1	V
PsaAgAn AgArbnOffsFlt Cnt M Igc	1	1	
	-1096.05457	-1096.05457	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset			
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1123.33435 2	-1123.33435 2	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc			
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-5.46712685	-5.46712685	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	612.942444	612.942444	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-17.944231	-17.944231	V
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	V
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	V
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	V
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	V
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	V
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	V
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	V
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.05457	-1096.05457	V
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1123.33435	-1123.33435	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	V
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	926.907104	926.907104 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	0	0	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.65 (Repeat Count = 1)	Innuit Value
Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1187.05334
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
saAgAn_EscProc_Cnt_M_lgc	1
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.403600007
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1132.91016
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-796.307373
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-621.751282
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
saAgAn_ResetEsc_Cnt_M_lgc	1
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_StInit_Cnt_M_lgc	0
saAgAn UsedOffs Uls M str.MaxOffset	1679
saAgAn_UsedOffs_Uls_M_str.MinOffset	0
saAgAn UsedOffs Uls M str.MaxSrc	0
PsaAgAn UsedOffs UIs M str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(Elaps	redTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio HwNmpMtrNm f32	27.2346992
PsaAgAn AbsHwPosLvl1 HwDeg f32	14.4780998
_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	15.2108002
	12.3093996
_PsaAgAn_MinPrecFail_HwDeg_f32	15.1701002
	535.993591
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-680.824219
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.202199996
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.92140007
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.5145998
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.20320034
_PsaAgAn_VehCondMinTi_mS_u32	692
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	868.651672
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	-128.381195
arget Pim PsaAgArbnLrndOffsData.MaxSrc	0





Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	5		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9659.19531		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	131		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1599.5946 9.1843996		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.50910002		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	52.793499		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	654.112		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.582799971		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	974.734497		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.241799995		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	250.012497		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1377017731		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target PsaAgArbn Per1 AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	target_PsaAgArbn_Per1_EscDataVldFromSe	rlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	С	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	m_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL$	target_PsaAgArbn_Per1_EscPrecisionFromS	erlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnToSerlC target_PsaAgArbn_Per1_RelHwPosnVldToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_	f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	- '	
Name		- '	
ITUITIO	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	Expected Value	~
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0 1	Expected Value 0 1	•
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0 1 1	Expected Value 0 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0 1 1 344.931824	Expected Value 0 1 1 344.931824	<i>y</i>
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0 1 1 344.931824 301.944214	Expected Value 0 1 1 344.931824 301.944214	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0 1 1 344.931824 301.944214 2	Expected Value 0 1 1 344.931824 301.944214 2	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0 1 1 344.931824 301.944214 2	Expected Value 0 1 1 344.931824 301.944214 2 2	0
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc	0 1 1 344.931824 301.944214 2	Expected Value 0 1 1 344.931824 301.944214 2 2	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942	Expected Value 0 1 1 344.931824 301.944214 2 PSAAGAN_PROCESSING 1 -0.507365882	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031	Expected Value 0 1 1 344.931824 301.944214 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311	Expected Value 0 1 1 344.931824 301.944214 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT 1630 1 1	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uis_M_str.MaxOffset PsaAgAn_ComputedOffs_Uis_M_str.MinOffset PsaAgAn_ComputedOffs_Uis_M_str.MinSrc PsaAgAn_ComputedOffs_Uis_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uis_M_str.SV_Uis_f32 PsaAgAn_MitrVelLPF_Uis_M_str.SV_Uis_f32 PsaAgAn_PinionTrqLPF_Uis_M_str.SV_Uis_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sstrint_Cnt_M_igc	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1 PSAAGAN_MODABSLT 1	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1 PSAAGAN_MODABSLT 1 1 1679	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1 PSAAGAN_MODABSLT 1 1 1679	
PsaAgAn_AbslithwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Lm_Uls_M_str.SV_Uls_GasAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1679 0	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1679 0	
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PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_LM_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1679 0 0 1	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1679 0 0 1	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.5939311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1679 0 0 1 344.931824	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1679 0 0 1 344.931824	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MinOffset	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1679 0 0 1 344.931824 301.944214	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1679 0 0 1 344.931824 301.944214	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365942 54.8457031 -8.5939311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1679 0 0 1 344.931824	Expected Value 0 1 1 344.931824 301.944214 2 2 PSAAGAN_PROCESSING 1 -0.507365882 54.8457375 -8.59393311 PSAAGAN_MODABSLT 1630 1 1 PSAAGAN_MODABSLT 1 1679 0 0 1 344.931824	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	790.5	790.5	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.582799971	0.582799971 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	974.734497	974.734497 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

lame	Input Value
	0
saAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	1
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
lsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	· ·
saAgAn_ComputedOffs_UIs_M_str.MaxOffset	74.6790009
saAgAn_ComputedOffs_Uls_M_str.MinOffset	-1384.77979 1
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
saAgAn_ComputedOffs_UIs_M_str.MinSrc	
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
saAgAn_EscProc_Cnt_M_lgc	1
saAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-8.25570011
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVeil_PF_Uls_M_str.SV_Uls_f32	-729.697205
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	355.105408
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1360.9668
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
saAgAn_ResetEsc_Cnt_M_lgc	1
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_StInit_Cnt_M_lgc	0
saAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
saAgAn_UsedOffs_Uls_M_str.MinOffset	0
saAgAn_UsedOffs_Uls_M_str.MaxSrc	1
saAgAn_UsedOffs_Uls_M_str.MinSrc	1
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	
tte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	48.2523994
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	25.0890999
_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	1.63329995
_PsaAgAn_EpsPrec_HwDeg_f32	13.9217997
_PsaAgAn_MinPrecFail_HwDeg_f32	287.145111
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	414.809113
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1624.94434
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.34579992
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.95949996
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.46619987
_PsaAgAn_VehCondMinTi_mS_u32	8813
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768





Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	179.727097		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1024.40491		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbn_Port_AlignedCumMachMtrDesStatus_Cat_u08_value	216		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1337.49536		
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	234		
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1251.12048		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.2985001		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.6421001		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	686.971619		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1156.04553		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.916800022		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-762.409607		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.68830013		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	471.015289		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps	e 2698076557		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVid_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hwl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enui			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	_ , _ , ,		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	g_ target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1280.34082	1280.34082	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1221.90015	1221.90015	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-2.65276623	-2.65276599	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	684.279968	684.279907	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	368.311707	368.311676	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1337.49536	1337.49536	
PsaAgAn_ReiHwPosnVidToSeriCom_Cnt_M_lgc	1	1	
PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0 PSAAGAN_MODABSLT	0 PSAAGAN_MODABSLT	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc	1	1	
		1.	

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1280.34082	1280.34082	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1221.90015	1221.90015	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1280.34082	1280.34082	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1221.90015	1221.90015	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	29.2203369	29.2203369 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	86.3748779	86.3748779	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.916800022	0.916800022 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-762.409607	-762.409607 ± 0.00001	✓
target PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg f32.value	1337.49536	1337.49536 ± 1e-05	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.67 (Repeat Count = 1)	· · · · · · · · · · · · · · · · · · ·
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	129.201508
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-347.543915
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.736199975
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-584.358093
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-472.186188
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.583599985
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-73.4139023
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	6.87279987
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.3796997
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	0.707599998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.7895002
k_PsaAgAn_MinPrecFail_HwDeg_f32	334.974213
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1109.46533
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2

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PsaAgArbn_Per1



PSaAgArbri_Peri		•	MACI (MV
Name	Input Value		
	1650.95239		
	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.841000021		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.25029999		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.359299988		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.568400025		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10		
k_PsaAgAn_VehCondMinTi_mS_u32	6568		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
	32768		
_ 0 _ 7 _ 1	0		
	0		
_ 0_ 1	0		
	10		
	25		
_ 0_ 1.17	1679 -1430.88782		
0 = = 0	668.218506		
0 = = 0	0		
0 = = 0	1		
	44		
	-8781.91699		
	48		
	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-219.535507		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.44950008		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.335599989		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1332.94543		
	18.6618996		
0 = 0 = = 7= =	1		
0 - 0 0-	227.196106		
	-4.47349977		
372 77 3 7 2 7 2 7 7 7 7 7 7 7 7 7 7 7 7	0		
• - •	334.350708		
	target_PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_lgc		
	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc target PsaAgArbn Per1 AbsltHwPosn HwDeg f32		
	target_PsaAgArbn_Per1_AlignedCumMechN		
	target_PsaAgArbn_Per1_AlignedRelHwPos_		
	target_PsaAgArbn_Per1_CumMechMtrPosS		
	target_PsaAgArbn_Per1_EscAckFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f = 0.0000000000000000000000000000000000$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwE	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	$target_PsaAgArbn_Per1_HandwheelAuthorit$	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		
	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
	target_PsaAgArbn_Per1_SensorlessHwPos_ target_PsaAgArbn_Per1_TorqueCmdCRE_N		
	target_PsaAgArbn_Per1_TorqueCmdCRF_N target_PsaAgArbn_Per1_VehicleSpeedValid		
	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
	target_Pim_PsaAgArbnLrndOffsData		
	Actual Value	Expected Value	Result
	0	0	Result
<u> </u>	1	1	
	0	0	
	209.868362	209.868362	
5	159.390366	159.390366	
PsaAgAn ComputedOffs Uls M str.MinOffset			
	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc		2	~





Name	Actual Value	Expected Value	Result
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.110697508	0.11069753	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	534.580139	534.5802	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-214.757233	-214.757248	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1109.46533	1109.46533	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1650.95239	1650.95239	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	227.196106	227.196106 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.68 (Repeat Count = 1) ✓		
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1635.72717	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1336.7489	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.71650004	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-488.105499	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	275.429993	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1349.60425	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	



Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$\label{lem:continuous} Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	59.7408981
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	16.9489002
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	2.52160001
k_PsaAgAn_EpsPrec_HwDeg_f32	9.75949955
k_PsaAgAn_MinPrecFail_HwDeg_f32	324.412109
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1181.25146
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-152.700806
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.515900016
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	9.06589985 0.5
k PsaAgAn VehCondMaxPinTrg HwNm f32	1.72010005
k_PsaAgAn_vehCondMaxVehSpd_Kph_f32	0.0956000015
k_PsaAgAn_VehCondMinTi_mS_u32	3828
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
t PsaAgAn AbsltHwAuthyY Uls u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	943.890381
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1197.98096
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	250
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4058.16772
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	162
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1494.90222
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.64170003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.78980017
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	358.93689
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1925.49939
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.925700009 -1479.70325
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.614099979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0.014033373
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	29.3132
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_AbsitHwPosnLvI1_Cnt_Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_leges and the property of the property$	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsDa	ata	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	783.621277	783.621277	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	758.818909	758.818909	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.7717371	-6.77173805	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	357.327484	357.327484	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	30.3636017	30.3635998	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1181.25146	1181.25146	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-152.700806	-152.700806	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.925700009	0.925700009 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1479.70325	-1479.70325 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.69 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1558.0177
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	1622.08533
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.57459998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.51789999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	870.399475
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.51789999





Name	Input Value
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	783.916687
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.51789999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1408.00037
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	33.6987991
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32 k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	10.4808998 5.78149986
k_PsaAgAn_EpsPrec_HwDeg_f32	12.0675001
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.760101
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1512.55884
k PsaAgAn OffsDataInitMaxSrc Cnt u08	2
k PsaAgAn OffsDataInitMinOffs HwDeg f32	148.207993
k PsaAgAn OffsDataInitMinSrc Cnt u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.448900014
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.84440005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.36539984
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.9920001
k_PsaAgAn_VehCondMinTi_mS_u32	9844
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1517.12415
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1257.23853
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	160
target PsaAqArbn Per1 AlignedRelHwPos HwDeg f32.value	1638.43445
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	111
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	979.367004
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.7546005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.61439991
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1130.08862
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1921.1145
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1145.07056
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.31790018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	497.519501
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_gc target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
5 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _	, , , , , , , , , , , , , , , , , , ,





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f	32 target_PsaAgArbn_Per1_Handwhee	elPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque	_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRI	F_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	eg_ target_PsaAgArbn_Per1_RelHwPos	snToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Ci	nt_ target_PsaAgArbn_Per1_RelHwPos	snVldToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_Sensorles	sAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f3	2 target_PsaAgArbn_Per1_Sensorles	sHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCm	ndCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSp	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSp	eed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	a	
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0	0	-
PsaAgAn AgArbnOffsFitDetd Cnt M Igc	1	1	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	-
PsaAgAn ComputedOffs Uls M str.MaxOffset	-400.815735	-400.815735	•
PsaAgAn ComputedOffs Uls M str.MinOffset	-478.459961	-478.459961	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	-
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN POWERCUT	PSAAGAN POWERCUT	-
PsaAgAn EscProc Cnt M Igc	0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.666483164	0.666482985	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-165.653259	-165.65329	_
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	287.504791	287.504822	-
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	_
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	1630	1630	✓
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1	1	-
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT	PSAAGAN_MODABSLT	-
PsaAgAn StInit Cnt M Igc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-400.815735	-400.815735	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-478.459961	-478.459961	•
PsaAgAn UsedOffs Uls M str.MaxSrc	2	2	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target Pim PsaAgArbnLrndOffsData.MaxOffset	-400.815735	-400.815735	-
target Pim PsaAgArbnLrndOffsData.MinOffset	-478.459961	-478.459961	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	-
target Pim PsaAgArbnLrndOffsData.MinSrc	2	2	•
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	-
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	38.822113	38.822113 ± 1e-05	-
target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	-
target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum.value	1	1	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	-
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-1145.07056	-1145.07056 ± 0.00001	-
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	_

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntolVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cpt	1	_

Test Step 3.70 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	901.741577





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-514.421692
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 PSAAGAN PROCESSING
PsaAgAn EscProc Cnt M Igc	1
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	4.42129993
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1062.27051
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	489.385101
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	-1189.22314 0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn k_CmnSysTrqRatio_HwNmpMtrNm_f32	target_Rte_Inst_Ap_PsaAgArbn 57.8883018
k_CmnSysTrqRatio_HwNmpMtrNm_132 k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	9.47879982
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	14.4590998
k_PsaAgAn_EpsPrec_HwDeg_f32	19.677
k_PsaAgAn_MinPrecFail_HwDeg_f32	0.418099999
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1321.21069
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1589.5531
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0.200000000
k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	-0.309899986 6.39580011
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.274899989
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.978100002
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.92939997
k_PsaAgAn_VehCondMinTi_mS_u32	286
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0] t PsaAgAn AbsItHwPosnPrecX HwDeg u16p0[1]	10
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1128.74194
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1514.62598
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	51
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9540.12012 201
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	201
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-962.923279
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.47210002
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.03579998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-479.921997
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	388.324585
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1 -794.834778
arget_PsaAgArbn_Per1_SensonessHwPos_HwDeg_132.value arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-794.834778 -2.7263999
arget_PsaAgArbn_Per1_TorqueCntdCKr_mithtin_isz.value arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	-2.7203999 1
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	17.6194
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	ltarget PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target PsaAgArbn Per1 AlignedCumMechl	MtrPosStatus Cnt u08	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos	HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target PsaAgArbn Per1 CumMechMtrPosS	Status Cnt u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om Cnt Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target PsaAgArbn Per1 EscOffsEna Cnt I		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg 1	target PsaAgArbn Per1 EscOffsFromSerlO	com HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	319.559021	319.559021	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	277.260803	277.260803	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.01403141	-7.01403141	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-481.028442	-481.028473	✓
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-163.619354	-163.61937	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1321.21069	-1321.21069	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1589.5531	-1589.5531	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	Y
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-794.834778	-794.834778 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓



Fest Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.71 (Repeat Count = 1)	1 (1)
Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1558.14392
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1136.10461
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.15639997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0540999994
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1283.72961
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0540999994
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	124.155197
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0540999994
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	265.616089
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn UsedOffs Uls M str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(Elapsed	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
c_CmnSysTrqRatio_HwNmpMtrNm_f32	15.8800001
C PsaAgAn AbsHwPosLvI1 HwDeg f32	9.76620007
<pre>c_r sarig/iti_ itserimr eservi_rmbeg_i62</pre> <pre>c_PsaAgAn_AbsHwPosLvI2_HwDeg_f32</pre>	16.3668003
C_F sahgAn_EpsPrec_HwDeg_f32	9.6850996
<pre><_r sangnipsi rec_r wbeg_is2</pre> <pre><_PsaAgAn_MinPrecFail_HwDeg_f32</pre>	102.275299
C_F saAgAn_OffsDataInitMaxOffs_HwDeg_f32	571.305786
	0
C_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 C_PsaAgAn_OffsDataInitMinOffs_LhuDon_f33	
< PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 < PsaAgAn_OffsDataInitMinSro_Cot_u08	880.396484
C_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 C_PsaAgAn_OffsetPalavity_LluxDat_f23	0
<_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.1479
C_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 C_PsaAgAn_VehCondMaxHwtvel_MtrDadeS_f33	10
	0.5
c_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	3.900001
x_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
x_PsaAgAn_VehCondMinTi_mS_u32	7861
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	218.966599
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	-1558.1427
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2

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Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	222		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8023.63184		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	452.322601		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.77569997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.16499996		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	748.495605		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1223.2157		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.00480000023		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1094.24316		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.2500999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	443.1633		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_(Ont lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosnLvl2_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnLvl2 (— -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM	ItrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosSt	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		- "
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0 1	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-55.4377136	-55.4377136	· ·
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-78.359314	-78.359314	_
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.4273653	1.42736518	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1254.77344	1254.77344	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	114.979744	114.979744	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	DEAACAN MODEAU	0 DSAACAN MODEAU	
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc	PSAAGAN_MODFAIL 1	PSAAGAN_MODFAIL 1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	Ž
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	571.305786	571.305786	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	880.396484	880.396484	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
g oa. ig. ib.i o. i isoli imi ooilen i_oilengo.value	-		





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.00480000023	0.00480000023 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1094.24316	1094.24316 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.72 (Repeat Count = 1)		
Name	Input Value	
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	1	
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn ComputedOffs Uls M str.MaxOffset	-1168.44006	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1593,60815	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING	
PsaAgAn EscProc Cnt M Igc	1	
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	-0.312299997	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn MtrVelLPF UIs M str.SV UIs f32	-806.05011	
PsaAgAn MtrVelLPF Uls M str.K Uls f32	0.998099983	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-253.347397	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODININ	
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-853.227173	
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1	
PsaAgAn ResetEsc Cnt M Igc	1	
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT	
PsaAgAn StInit Cnt M Igc	1	
PsaAgAn UsedOffs Uls M str.MaxOffset	1679	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	
PsaAgAn UsedOffs Uls M str.MaxSrc	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime	
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn	
k CmnSysTrgRatio HwNmpMtrNm f32	43.9742012	
k PsaAgAn AbsHwPosLvl1 HwDeg f32	22.8731995	
k PsaAqAn AbsHwPosLvl2 HwDeg f32	17.8847008	
k_PsaAgAn_EpsPrec_HwDeg_f32	20	
k_PsaAgAn_MinPrecFail_HwDeg_f32	418.397491	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	720.13678	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	650.861328	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.308800012	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.50999999	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.84749985	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.45129991	
k_PsaAgAn_VehCondMinTi_mS_u32	5305	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	

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Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-739.803223		
target_Pim_PsaAgArbnLrndOffsData.MinOffset target Pim PsaAgArbnLrndOffsData.MaxSrc	734.167725		
target Pim PsaAgArbnLrndOffsData.MiaXSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	225		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1214.74048		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	189		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1360.60229		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.621599972		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.00039995		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1163.0719		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3193.08447		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	812.090088		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.34420002		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.00030005		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwE	-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	440.775604	440.775604	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	399.532379	399.532379	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	Y
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	· ·
PsaAgAn_EscProc_Cnt_M_lgc	0 -0.999092579	0 -0.999092519	· ·
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32		-1162.39355	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-1162.39355 -60.4776764	-60.4776764	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc			
	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL	PSAAGAN_MODFAIL	- V





Name	Actual Value	Expected Value	Result
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	720.13678	720.13678	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	650.861328	650.861328	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	839.5	839.5 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-839.5	-839.5	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	812.090088	812.090088 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.73 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1109.6615
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1182.51526
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.25029999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.063500002
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-182.543701
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.063500002
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-880.071899
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.063500002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-395.893707
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1616.38147
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1277.24329
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
c_CmnSysTrqRatio_HwNmpMtrNm_f32	79.9350967
<pre><_PsaAgAn_AbsHwPosLvI1_HwDeg_f32</pre>	7.52750015
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	23.4757004
k_PsaAgAn_EpsPrec_HwDeg_f32	13.0170002
k_PsaAgAn_MinPrecFail_HwDeg_f32	155.167404
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1437.93628

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Name	Input Value		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1108.71692		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.00590000022		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.28460026		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1.30910003		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.2493999		
k_PsaAgAn_VehCondMinTi_mS_u32	9302		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	897.392395		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	408.646698		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	196		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3422.62158		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	68		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	470.808807		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-4.24240017		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	583.243591		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2083.20874		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.44040004		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-969.398071		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.34520006 0		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	355.485687		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvI1 Cnt Igc	·		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw[
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechN	/trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	•	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerICom_HwI			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_ target_PsaAgArbn_Per1_MtrVelCRF_MtrRar		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_Mit/veiCRF_MitradpS_I32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1109.6615	1109.6615	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1182.51526	-1182.51526	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn ComputedOffs Llls M str MinSrc	12	12	

 ${\sf PsaAgAn_ComputedOffs_Uls_M_str.MinSrc}$





Name	Actual Value	Expected Value	Result
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.503798366	-0.503798366	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-133.916199	-133.916214	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-851.588318	-851.588318	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1616.38147	-1616.38147	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1277.24329	1277.24329	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1437.93628	1437.93628	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1108.71692	-1108.71692	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	169.569092	169.569092	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.440400004	0.440400004 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-969.398071	-969.398071 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	Ō	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.74 (Repeat Count = 1)	<u> </u>
Name	Input Value
PsaAgAn_AbsItHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1312.67249
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	456.17511
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.46329975
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.141900003
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1196.55762
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.141900003
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-227.168396
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.141900003
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-195.867706
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1385.30615
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1678.61804
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2



Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	63.4542007
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	11.3724003
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	24.1445999
k_PsaAgAn_EpsPrec_HwDeg_f32	12.8782997
k_PsaAgAn_MinPrecFail_HwDeg_f32	424.723602
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1306.21106
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1332.36108
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.45289993
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.370299995
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.77019978
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.552900016
k_PsaAgAn_VehCondMinTi_mS_u32	4655
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768 0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	10
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	731.581177
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1470.26685
target Pim PsaAgArbnLrndOffsData.MaxSrc	2
target Pim PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	116
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1825.7655
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	234
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-969.424988
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.5459003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.186199993
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1273.32642
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	348.2052
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0452999994
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	4.73409986
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.18979979
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	348.158203
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2632707586
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMecnMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgAron_Per1_AlignedCumMecnMtrPosStatus_Cnt_uu8 target_PsaAgAron_Per1_AlignedRelHwPos_HwDeg_f32
	target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0: target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbri_Per1_EscAckFromSerlCom_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsE	Data	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1312.67249	1312.67249	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	456.17511	456.17511	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	8.0940361	8.0940361	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1207.45105	-1207.45105	✓
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-241.689362	-241.689362	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1385.30615	1385.30615	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1678.61804	1678.61804	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1306.21106	1306.21106	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1332.36108	-1332.36108	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1531.96216	-1531.96216	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0452999994	0.0452999994 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	4.73409986	4.73409986 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.75 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1399.59546
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-963.8396
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.13849998
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.335000008
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	846.277527
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.335000008
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-261.5672
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.335000008





Name	Input Value
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-536.602173
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn ResetEsc Cnt M lgc	1
PsaAgAn_ResetEsc_Cht_w_igc PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn UsedOffs Uls M str.MaxOffset	696.023376
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-877.419312
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	3.85780001
_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	21.1103001
C_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	27.6306
c_PsaAgAn_EpsPrec_HwDeg_f32	7.80730009
z_PsaAgAn_MinPrecFail_HwDeg_f32	65.6523972
c_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-180.054993
:_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	152.694397
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
z_PsaAgAn_OffsetPolarity_HwDeg_f32	0.285299987
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.71409988
x_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
x_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.16729999
x_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
x_PsaAgAn_VehCondMinTi_mS_u32	5277 32768
_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[0]	32768
_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] _PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_rsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
saAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
_r dat gr ti_r bott till dom redr mbog_u16p0[2] _PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	64.063797
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	578.035889
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	1
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	234
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3678.50171
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	135
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1399.73193
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.2519002
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	555.307312
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2405.45825
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.149000004
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-882.84729 8.80000040
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	186.234604
arget_PsaAgArbn_PerT_verlicieSpeed_kpri_isz.value arget Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elaps	
arget_Rte_Call_Ap_FsaAgArbn_SystemTime_DtiffinElapsedTime_u5_u52_Etaps arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl1 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnVld Cnt Igc	target PsaAgArbn Per1 AbsitthwPosnVid Cnt Igc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg	f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	2 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrR	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeq	target_PsaAgArbn_Per1_RelHwPosnToSer	rlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	rity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVali	id_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	bh_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	411.40271	411.40271	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	387.284302	387.284302	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.77210236	4.77210236	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	748.80249	748.80249	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-159.219391	-159.219391	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	696.023376	696.023376	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-877.419312	-877.419312	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	411.40271	411.40271	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	387.284302	387.284302	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	786.721313	786.721313 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	90.697998	90.697998	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.149000004	0.149000004 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-882.84729	-882.84729 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntolVarXY u16 u16Xu16Y Cnt	1	IntnlVarXY u16 u16Xu16Y Cnt	1	_

Test Step 3.76 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	129.201508	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-347.543915	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.736199975
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-584.358093
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.583599985
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-472.186188
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.583599985
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-73.4139023
PsaAqAn RelHwPosnVldToSerlCom Cnt M lqc	1
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
	601.982788
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	588.125
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	6.87279987
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	27.3796997
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	0.707599998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.7895002
k_PsaAgAn_MinPrecFail_HwDeg_f32	334.974213
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1109.46533
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1650.95239
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.841000021
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.25029999
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.359299988
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-0.568400025
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10
k_PsaAgAn_VehCondMinTi_mS_u32	6568
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	•
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1430.88782
target_Pim_PsaAgArbnLrndOffsData.MinOffset	668.218506
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	44
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8781.91699
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	48
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-219.535507
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	9.44950008
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.335599989
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1332.94543
target PsaAgArbn Per1 RelHwPos HwDeg f32.value	18.6618996
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	227.196106
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.47349977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	334.350708
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32





target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value 6.92889404 6.92889404 ± 1e-05 target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_igc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value -595.053894 -595.053894 target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 0 0 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 1 ± 1e-05 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 227.196106 227.196106 ± 0.00001 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	Name	Input Value		
Inger, File, Inst. Ap. PaladyAhrn PandyAhrn PandyAhrn Pandy File Scribt Anni Pert Excision File (gr. gr. gr. gr. gr. gr. gr. gr. gr. gr.	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
Imager, Rel. Intel. Ap. PankagAhm PankagAhm PankagAhm Pent Excolformina (Com. 1966) Imager, Rel. Intel. Ap. PankagAhm PankagAhm Pent Excolformina (Com. 1966) Imager, Pent Imager, Pent Imager, PentagAhm Pent Excolformina (Com. 1966) Imager, PentagAhm PentagAhm PentagAhm Pent Imager, PentagAhm Pent Excolformina (Com. 1966) Imager, PentagAhm Penta	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
singer, Rib. Inst. Ap. Panka/shirn Panka	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
Insign Pie Insig Ap Pasalgk/Ann	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
Imput Ro Inst, Ap Pasaghtinn Pasag	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_	f target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
Image Test Inst. Ap PasalgArthn PasalgArth Pert HandsheelPosition HuDog 12 Image Res Inst. Ap PasalgArthn PasalgArthn Pert Min' Valor	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
Israpet Ris Inst. Ap PasalgAptinn PasalgApt	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
Isage Re. Inst. Ap. PasAgArton PasAgArton PasAgArton Past Affection Holiver, 1995, 22	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
Bargel, Rin, Inst., Ap. PasAgArthn Pearl Agether Pearl Relither Pos., 1940bg, 182 Isragel, Rin, Inst., Ap. PasAgArthn Pearl Relither Pos. PasAgArthn Pearl	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	f32	
Integer Ric Inst. Ap. PsaAqArbn	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
Isrget Ris_ mst_Ap_ PasAgArtnn PasAgArtnn PasI SensoriessAuthority_Uis_122	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
Isrget Rie. Inst. Ap. PasaApArtn PasaApArtn Pert SensoriessHWPos_HWDe_HZ2 Isrget Rie. Inst. Ap. PasaApArtn PasaApArtn Pert TorqueCmdCRF_MRThm_122 Isrget Rie. Inst. Ap. PasaApArtn PasaApArtn Pert VehicleSpeed Valid Cmt Igo Isrget Rie. Inst. Ap. PasaApArtn PasaApArtn Pert VehicleSpeed Valid Cmt Igo Isrget Rie. Inst. Ap. PasaApArtn PasaApArtn Pert VehicleSpeed Valid Cmt Igo Isrget Rie. Inst. Ap. PasaApArtn PasaApArtn Pert VehicleSpeed Valid Cmt Igo Isrget Rie. Isrget PasaApArtn Pert VehicleSpeed Valid Cmt Igo Isrget Rie. Isrget PasaApArtn Pert VehicleSpeed Valid Cmt Isrget	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
larget, Rie, Inst. Ap. PeaAgArthn Pert TorqueCmdCRF_Mithm. [32 larget, Rie, Inst. Ap. PeaAgArthn. Pert TorqueCmdCRF_Mithm. [32 larget, Rie, Inst. Ap. Pe	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
larget, Rie_Inst, Ap. PsaAgArthn PsaAgArthn Pert_VehicleSpeed Kind_Cnt_lgo: target_Rie_Inst_Ap. PsaAgArthn Pert_VehicleSpeed Kind_Tsaturet_Rie_Inst_Ap. PsaAgArthn Pert_VehicleSpeed Kind_Tsaturet_R	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
larget, Rie_Inst_Ap_PasAgArth PresAgArth.mpert_VehicleSpeed_Kph_f32 target_PasAgArth.pert_VehicleSpeed_Kph_f32 target_Pies_PasAgArth.mImdOffsData target_Pies_PasAgArth.pies_Pies_PasAgArth.pies_Pies_PasAgArth.pies_Pies_Pies_Pies_Pies_Pies_Pies_Pies_P	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	ftrNm_f32	
Sarget_Ris_Inst_Ap_PsaAgArbnPm_PsaAgArbnLmdOffsData	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
Sarget_Ris_Inst_Ap_PsaAgArbnPm_PsaAgArbnLmdOffsData	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
PsaAgAn_AbsilthwPosnLvi2_Cnt_M_lgc	target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
PsaAgAn_AbsithtwPosnLvi2_Cnt_M_lgc	Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	PsaAqAn AbsltHwPosnLvl2 Cnt M lqc	0	•	~
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc		0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 129.201508 129.201508 129.201508 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -347.543915 -	0 = 0 = = = = 0			
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset		129.201508	129.201508	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc				_
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PSAAGAN_ESOPTICE_CIN_M_IgN_EST_PUSAAGAN_ESOPTICE_CIN_M_IgN_ESAAGAN_ESOPTICE_CIN_M_IgN_ESAAGAN_ESOPTICE_CIN_M_IgN_ESAAGAN_ESOPTICE_CIN_M_IgN_ESAAGAN_ESOPTICE_CIN_M_IgN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESAAGAN_ESOPTICE_CIN_ESOPTIC				_
PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0.110697508 0.11069753 PsaAgAn_MYrelLPF_Uls_M_str.SV_Uls_f32 534.580139 534.58002 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -214.757233 -214.757248 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -214.757233 -214.757248 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosnToSerlCom_LM_lgc 0 0 PsaAgAn_RelHwPosnToSerlCom_LM_lgc 1 1 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 601.982788 601.982788 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1650.96533 <td< td=""><td></td><td></td><td></td><td></td></td<>				
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32		_	_	_
PsaAgAn_MitrVelLPF_Uis_M_str.SV_Uis_f32 534.580139 534.5802 PsaAgAn_PireVsnstMod_Cit_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_RelHwPosntOseriCom_HwDeg_M_f32 0 0 PsaAgAn_RelHwPosntOseriCom_Cit_M_lgc 0 0 PsaAgAn_RelHwPosntOseriCom_Cit_M_lgc 0 0 PsaAgAn_RelHwPosntOseriCom_Cit_M_lgc 0 0 PsaAgAn_RelHwPosntOseriCom_Cit_M_lgc 1 1 PsaAgAn_SnstMod_Cit_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_SnstMod_Cit_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_UsedOffs_Uis_M_sir_MaxOffset 601.982788 601.982788 PsaAgAn_UsedOffs_Uis_M_sir_MaxOffset 601.982788 601.982788 PsaAgAn_UsedOffs_Uis_M_sir_MinOffset 588.125 588.125 PsaAgAn_UsedOffs_Uis_M_sir_MinOffset 1 1 target_Pim_PsaAgArbnLmdOffsData_MaxOffset 1109.46533 1109.46533 target_Pim_PsaAgArbnLmdOffsData_MinSrc 2 2 target_PsaAgArbn_Perl_AbsitHwPosnLv1_Cit_lgc_value 0 0 target_PsaAgArbn_Perl_AbsitHwPosnLv1_Cit_lgc_value 0				~
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PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL PsaAgAn_Sthit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 601.982788 601.982788 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 588.125 588.125 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 0 0 PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1 1 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 1109.46533 1109.46533 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 2 2 target_Pim_PsaAgArbnLmdOffsData.MinOffset 1650.95239 1650.95239 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 0 target_PaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLv1_Cnt_lgc.value 0 0 target_PsaAgArbn_Per1_AbsitHwPosnLwDeg_f32.value -595.053894 -595.053894 target_PsaAgArbn_Per1_AbsitHwPosn_LwDeg_f32.value 0 0		_	_	~
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	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value			-

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Panagan Abather-Poront Az Crift M. 50 0	Test Step 3.77 (Repeat Count = 1)	✓
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K. PasaQAn, Abehr-Post VI, HwDeg, I32 17,7683008 K. PasaQAn, Abehr-Post VI, PwDeg, I32 9,87209988 K. PasaQAn, MinPrecifal, HwDeg, I32 39,97211 K. PasaQAn, MinPrecifal, HwDeg, I32 379,007294 K. PasaQAn, Offsbataninklassing, Cnt, U68 1 K. PasaQAn, Offsbataninklassing, Cnt, U68 2 K. PasaQAn, VerCondMaxHvTrq, HwNn, I32 3,08660009 K. PasaQAn, VerCondMaxHvTrq, HwNn, I32 1,3385995 K. PasaQAn, VerCondMaxHvTrq, HwNn, I32 1,3385991 K. PasaQAn, Abelth-Wouthry, Us, Up15101 376 L. PasaQAn, Abelth-Wouthry, Us, Up15101 3778 L. PasaQAn, Abelth-Wouthry,	Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
K. PasAgAn, AbshirvPostNZ, HwDog, I32 19,141998 K. PasAgAn, EpsPrec, HwDog, I32 38,720988 K. PasAgAn, OffsbalaniMassor, Gnt, I03 1 K. PasAgAn, OffsbalaniMassor, Gnt, I03 1 K. PasAgAn, OffsbalaniMassor, Gnt, I03 1 K. PasAgAn, OffsbalaniMassor, Gnt, I03 2 K. PasAgAn, OffsbalaniMassor, Gnt, I03 2 K. PasAgAn, Vericondatavitry, Hwbra, I32 3,6660009 K. PasAgAn, Vericondatavitry, Hwbra, I32 3,6660009 K. PasAgAn, Vericondatavitry, Hwbra, I32 1,3358996 K. PasAgAn, Vericondatavitry, Invitratos, I32 1,3358996 K. PasAgAn, Vericondatavitry, I15, I15, I15, I15 3,2768 K. PasAgAn, Vericondatavitry, I15, I15, I15, I15, I15, I15, I15, I15	k_CmnSysTrqRatio_HwNmpMtrNm_f32	
K. PasAgAn, Espèrec, I-Moeg, 132 9.87200988 K. PasAgAn, MinhreeFail, Hwibeg, 132 329.897711 K. PasAgAn, OffsbatainiMaxOffs, Hwibeg, 152 379.007294 K. PasAgAn, OffsbatainiMaxOff, Hwibeg, 152 348.723511 K. PasAgAn, OffsbatainiMinNFs, Crit, u08 2 K. PasAgAn, OffsbatainiMinNFs, Crit, u08 2 K. PasAgAn, Verboroinflawshirty, Hwilm, 132 0.7597 K. PasAgAn, Verboroinflawshirty, Hwilm, 132 1.3359995 K. PasAgAn, Verboroinflawshirty, Hwilm, 132 1.3359995 K. PasAgAn, Verboroinflawshirty, Hwilm, 132 8.9255032 K. PasAgAn, Verboroinflam, 132 8.9255032 K. PasAgAn, Abelth-Walthy, Uls, u1p15(9) 32788 L. PasAgAn, Abelth-Walthy, Uls, u1p15(9) 32788 L. PasAgAn, Abelth-Walthy, Uls, u1p15(9) 0 L. PasAgAn, Abelth-Walthy, Uls, u1p15(9) 0 L. PasAgAn, Abelth-Walthy, Uls, u1p15(9) 0 L. PasAgAn, Abelth-Worlbrow, Uls, u1p15(9) 10 L. PasAgAn, Abelth		
K. PsaAgAn, MinPrecFall LWDeg_132 329.497711 K. PsaAgAn, OffsDatainiMaxSrc, Cnt_u08 1 K. PsaAgAn, OffsDatainiMaxSrc, Cnt_u08 2 K. PsaAgAn, OffsDatainiMaxSrc, Cnt_u08 3 K. PsaAgAn, OffsDatainiMaxSrc, Cnt_u08 2 K. PsaAgAn, VerCondMaxMirry LMMTRadpS_132 0.5 K. PsaAgAn, VerCondMaxMirry LMMTP_US_2 1.33589995 K. PsaAgAn, VerCondMaxMirry LMMTP_US_2 6394 L. PsaAgAn, Abelth-Wauthry V_US_2 upts[19] 32768 L. PsaAgAn, Abelth-Wauthry V_US_2 upts[20] 0 L. PsaAgAn, Abelth-Worley PrecX_HVDeg_u16p0[0] 0 L. PsaAgAn, Abelth-Worley-PrecX_HVDeg_u16p0[0] 0 L. PsaAgAn, Abelth-Worley-PrecX_HVDeg_u16p0[2] 25 L. PsaAgAn, Abelth-Worley-PrecX_HVDeg_u16p0[3] 1679 target_Pm_PsaAgArbin_motifSatai_MaxSrc 2		
k, PsaAgAn, OffsDatainiMaxOffs, HvDeg, 132 378.007294 k, PsaAgAn, OffsDatainiMaxOffs, HvDeg, 132 348.723511 k, PsaAgAn, OffsDatainiMixOffs, HvDeg, 132 0.7597 k, PsaAgAn, OffsDatainiMixOffs, HvDeg, 132 0.7597 k, PsaAgAn, VerDorndMaxMirVel, MirRadpS, 132 0.5 k, PsaAgAn, VerDorndMaxMirVel, MirRadpS, 132 0.5 k, PsaAgAn, VerDorndMaxMirVel, MirRadpS, 132 1.33889995 k, PsaAgAn, VerDorndMaxMirVel, MirRadpS, 132 6394 k, PsaAgAn, VerDorndMarVerNpd, Lybr, 132 8.9265032 k, PsaAgAn, AbelthwAuthry, Uis, up15[0] 32768 L, PsaAgAn, AbelthwAuthry, Uis, up15[1] 32768 L, PsaAgAn, AbelthwAuthry, Uis, up15[2] 0 L, PsaAgAn, AbelthwAuthry, Uis, up15[3] 0 L, PsaAgAn, AbelthwPosnPreeX, HvDeg, u16p0[1] 10 L, PsaAgAn, AbelthwPosnPreeX, HvDeg, u16p0[2] 25 L, PsaAgAn, AbelthwPosnPreeX, HvDeg, u16p0[3] 10 L, PsaAgAn, Degraph LondoffsData MaxSc 12		
K. PsaAgAn, OffsbataintMinoffs, HwDeg, 132 348.723511 K. PsaAgAn, OffsbataintMinoffs, HwDeg, 132 348.723511 K. PsaAgAn, OffsbataintMinoffs, HwDeg, 132 0.7597 K. PsaAgAn, OffsbataintMinoffs, HwDeg, 132 3.05660009 K. PsaAgAn, VehCondMaxMirty HwMen, 132 3.05660009 K. PsaAgAn, VehCondMaxMirty My Ming 8.32650032 K. PsaAgAn, VehCondMaxMirty My Ming 8.39650032 K. PsaAgAn, VehCondMaxMirty My Ming 8.39650032 K. PsaAgAn, Abstill-Muthry, Uls., utp15(0) 32768 L. PsaAgAn, Abstill-Muthry, Uls., utp15(1) 32768 L. PsaAgAn, Abstill-Muthry, Uls., utp15(2) 0 L. PsaAgAn, Abstill-Muthry, Uls., utp15(3) 0 L. PsaAgAn, Abstill-Muthry, Uls., utp15(4) 10 L. PsaAgAn,		
K_PsaAgAn_OffsDataintMinOffs_HwDeg_ri32		
K. PsaAgAn, OffsetPolarity_HwDeg_f32 0,7597 K. PsaAgAn, VenCondMaxHVTeq_HwNm_f32 3,05660009 K. PsaAgAn, VenCondMaxHVTeq_HimRadps_f32 0.5 K. PsaAgAn, VenCondMaxPinTrq_HwNm_f32 1,33589995 K. PsaAgAn, VehCondMaxPinTrq_HwNm_f32 8,92650032 K. PsaAgAn, VehCondMaxPinTrq_HwNm_f32 6394 L. PsaAgAn, AbsHt-MuthyY_Us_u1p15[0] 32768 L. PsaAgAn, AbsHt-MuthyY_Us_u1p15[1] 32768 L. PsaAgAn, AbsHt-MuthyY_Us_u1p15[3] 0 L. PsaAgAn, AbsHt-MuthyY_Us_u1p15[3] 0 L. PsaAgAn, AbsHt-MuthyY_Us_u1p15[3] 0 L. PsaAgAn, AbsHt-MuthyPosnPrex_HwDeg_u16p0[0] 0 L. PsaAgAn, AbsHt-MuthyPosnPrex_HwDeg_u16p0[1] 10 L. PsaAgAn, AbsHt-MuthyPosnPrex_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbn_mOffsData_MaxOffset 4839.245911 target_Pim_PsaAgArbn_mOffsData_MaxOffset 900.801819 target_Pim_PsaAgArbn_mOffsData_MixSrc 2 target_Pim_PsaAgArbn_Per1_LiquenGeWherbMerbStatus_Cnt_u08 value 221 target_PsaAgArbn_Per1_LiquenGeWherbMerbStatus_Cnt_u08 value 182 target_PsaAgArbn_Per1_EscDataVidFromSeriCom_Cnt_ig_value 0	k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	348.723511
K, PsaAgAn, VehCondMaxHvTrQ, HwNm, 132 3,05660009 K, PsaAgAn, VehCondMaxHvTe, MtrRadpS, 132 1,33898995 K, PsaAgAn, VehCondMaxVehSpd, Kph, 132 8,29650032 K, PsaAgAn, VehCondMixTlmS, u32 6394 L, PsaAgAn, AbstHthwatthyY, Us, u1p15[0] 32768 L, PsaAgAn, AbstHthwatthyY, Us, u1p15[1] 32768 L, PsaAgAn, AbstHthwatthyY, Us, u1p15[2] 0 L, PsaAgAn, AbstHthwatthyY, Us, u1p15[3] 0 L, PsaAgAn, AbstHthwothyPex, Wbog, u16p0[0] 0 L, PsaAgAn, AbstHthwothyPex, Wbog, u16p0[1] 10 L, PsaAgAn, AbstHthwPosnPrecX, HwDeg, u16p0[2] 25 L, PsaAgAn, AbstHthwPosnPrecX, HwDeg, u16p0[3] 1679 Larget, Pim, PsaAgArbnLmdOffsData MaxOffset -859 245911 Larget, Pim, PsaAgArbnLmdOffsData MaxOffset -859 245911 Larget, Pim, PsaAgArbnLmdOffsData MinSrc 2 Larget, Pim, PsaAgArbnLmdOffsData MinSrc 1 Larget, Pim, PsaAgArbn, PerT, AlignedCumMechMtrPosStatus, Cnt_u08 value 182 Larget, PsaAgArbn, PerT, LignedCumMechMtrPosStatus, Cnt_u08 value 182 Larget, PsaAgArbn, PerT, EscokFromSerICom, Endog, value 182 Larget, PsaAgArbn, PerT, EscokFromSerICom, HwDe	k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
K, PsaAgAn_VehCondMaxMirVel_MtrRadpS_g32 0.5 K, PsaAgAn_VehCondMaxMirInT_HWhm_g32 1.33589995 K, PsaAgAn_VehCondMaxMirInT_HWhm_g32 8.92650032 K, PsaAgAn_VehCondMaxMirInT_MS_u32 6394 L_PsaAgAn_AbsItHwa/thyY_Uls_ulp15[0] 32768 L_PsaAgAn_AbsItHwa/thyY_Uls_ulp15[1] 32768 L_PsaAgAn_AbsItHwa/thyY_Uls_ulp15[2] 0 L_PsaAgAn_AbsItHwa/thyY_Uls_ulp15[3] 0 L_PsaAgAn_AbsItHwPosnPrecX_HwDeg_ulf6p0[0] 0 L_PsaAgAn_AbsItHwPosnPrecX_HwDeg_ulf6p0[1] 10 L_PsaAgAn_AbsItHwPosnPrecX_HwDeg_ulf6p0[3] 1679 Larget_Pim_PsaAgArbnt.mdOffsbata MixOffset -839_245911 Larget_Pim_PsaAgArbnt.mdOffsbata MixOffset 900.801819 Larget_Pim_PsaAgArbnt.mdOffsbata MixOffset 2 Larget_Pim_PsaAgArbnt.per1_AlignedMelHwPos_HwDeg_132_value 7145_99316 Larget_Pim_PsaAgArbn.Per1_ExcOnstructMetMitPosStatus_Cnt_u08_value 182 Larget_PsaAgArbn_Per1_ExcOnstructMetMitPosStatus_Cnt_u08_value 182 Larget_PsaAgArbn_Per1_ExcOnstructMetMitPosStatus_Cnt_u08_value 182 Larget_PsaAgArbn_Per1_ExcOnstructMetMitPosStatus_Cnt_u08_value 129_2333704 Larget_PsaAgArbn_Per1_ExcOns	k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.7597
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L PsaAgAn_AbsiltHwAuthyY_Uls_u1p15[3] 0 L PsaAgAn_AbsiltHwPosnPrecX_HwDeg_u16p0[0] 0 L PsaAgAn_AbsiltHwPosnPrecX_HwDeg_u16p0[1] 10 L PsaAgAn_AbsiltHwPosnPrecX_HwDeg_u16p0[2] 25 L PsaAgAn_AbsiltHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 4839.245911 target_Pim_PsaAgArbnLmdOffsData.MinOffset 900.801819 target_Pim_PsaAgArbnLmdOffsData.MinSrc 2 target_Pim_PsaAgArbn_Port_AlignedCumMechMirPosStatus_Cnt_u08.value 21 target_PsaAgArbn_Pert_AlignedRelHwPos_HwDeg_r32.value 7145-99316 target_PsaAgArbn_Pert_EscAckFromSerlCom_Cnt_Igc.value 182 target_PsaAgArbn_Pert_EscAckFromSerlCom_Cnt_Igc.value 0 target_PsaAgArbn_Pert_EscOffsEna_Cnt_Igc.value 1 target_PsaAgArbn_Pert_EscOffsEna_Cnt_Igc.value 1 target_PsaAgArbn_Pert_EscOffsEna_Cnt_Igc.value 1239.33704 target_PsaAgArbn_Pert_HwTorque_HwNm_r32.value 3.2355999 target_PsaAgArbn_Pert_HwTorque_HwNm_r32.value 1292.6571 target_PsaAgArbn_Pert_SensoriessAuthority_Uls_r32.value 1373.76221 target_PsaAgArbn_Pert_SensoriessAuthority_Uls_r32.value 1373.76221		
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MaxOffset 839,245911 target_Pim_PsaAgArbnLmdOffsData.MinOffset 900,801819 target_Pim_PsaAgArbnLmdOffsData.MinSrc 2 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 221 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 7145.99316 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 182 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value -1239.33704 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value 3.23559999 target_PsaAgArbn_Per1_MrVelCRF_MtrRadpS_f32.value 10.7501001 target_PsaAgArbn_Per1_MrVelCRF_MtrRadpS_f32.value -1373.76221 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1373.76221 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value 5.2487998 </td <td>t PsaAgAn AbsitHwAuthyY Uls u1p15[3]</td> <td></td>	t PsaAgAn AbsitHwAuthyY Uls u1p15[3]	
t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbsithwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData.MaxOffset -839.245911 target_Pim_PsaAgArbnLmdOffsData.MinOffset 900.801819 target_Pim_PsaAgArbnLmdOffsData.MinOffset 2 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 221 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 7145.99316 target_PsaAgArbn_Per1_EscAgarbn_Per1_EscAgarbn_Per1_VehicleSeped_Kph_f32.value 1292.6571 <td>t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]</td> <td>0</td>	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
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target_Pim_PsaAgArbnLrndOffsData.MaxOffset -839.245911 target_Pim_PsaAgArbnLrndOffsData.MinOffset 900.801819 target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 221 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 221 target_PsaAgArbn_Per1_LoumMechMtrPosStatus_Cnt_u08.value 182 target_PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_132.value 1 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_132.value 1 target_PsaAgArbn_Per1_SensorlessAuthority_Us_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_132.value 2 target_Psa	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
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target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
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target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value -1373.76221 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value 297.634003 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 5.2487998 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 367.005188		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 1 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value 297.634003 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value 5.2487998 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value 1 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 367.005188		
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target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse 465571322		367.005188
	$\underline{target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse}$	465571322

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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_Rte_I$	target_PsaAgArbn_Per1_AbsltHwPosnPreci	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	0 _	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_li	target_PsaAgArbn_Per1_EscAckFromSerlCotarget_PsaAgArbn_Per1_EscDataVldFromS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 EscOffsFromSerlCom HwDeg f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	<u>j_</u> f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	le distribution	I
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	*
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1185.84888	1185.84888	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	665.547119	665.547119	
PsaAgAn ComputedOffs Uls M str.MaxSrc	2	2	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT	PSAAGAN DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.843724251	-0.84372431	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	656.151611	656.151611	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	662.289124	662.289124	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1384.66284	-1384.66284	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1530.21362	-1530.21362	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc target Pim PsaAgArbnLrndOffsData.MaxOffset	-839.245911	-839.245911	
target Pim PsaAgArbnLrndOffsData.MinOffset	900.801819	900.801819	-
target Pim PsaAgArbnLrndOffsData.MaxSrc	2	2	-
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	72.7753906	72.7753906 ± 1e-05	~
target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1457.43823	1457.43823	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	297.634003	297.634003 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓



Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 3.78 (Repeat Count = 1)	
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc	1
PsaAgAn_AgArbnOffsFit_Cnt_M_igc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1015.1803
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-909.265076
	2
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN PROCESSING
PsaAgAn EscProc Cnt M Igc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	7.21899986
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn MtrVelLPF UIs M str.SV UIs f32	-1041.95044
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.998099983
	468.400787
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PalHwPosnToSorICom_HwDog_M_f32	PSAAGAN_MODFAIL 1337.43726
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn ResetEsc Cnt M lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	119.444397
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	360.106293
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	O
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	16.8612995
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	24.7241001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	9.58839989
k_PsaAgAn_EpsPrec_HwDeg_f32	3.7815001
k_PsaAgAn_MinPrecFail_HwDeg_f32	270.327301
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1626.10718
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	9.14379978
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.353399992
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	5.13059998
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.53249979
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.68580008
k_PsaAgAn_VehCondMinTi_mS_u32	5469
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	41.0125999
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-453.892487
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	21





Name			
	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7636.1665		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	205		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	20.6728001		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.0916004		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.85179996		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	367.369995		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1680.47546 1		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target PsaAgArbn Per1 SensorlessHwPos HwDeq f32.value	584.303223		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	408.537292		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_(Ont Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_(
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	ion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	eg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Cn$	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechM	trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscPrecisionFromS target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		· - -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	/_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value		
		Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	1	0	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1	0 1 1	<i>y</i>
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1 1 1015.1803	0 1 1 1 1015.1803	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1 1 1015.1803 -909.265076	0 1 1 1 1015.1803 -909.265076	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1 1 1015.1803 -909.265076 2	0 1 1 1 1015.1803 -909.265076 2	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 1 1015.1803 -909.265076 2	0 1 1 1 1015.1803 -909.265076 2 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT	0 1 1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT	· · · · · · · · · · · · · · · · · · ·
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PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Strint_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126617 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487	0 1 1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126522 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487	
PsaAgAn_AbsIthwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_MtrveLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrveLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_RelhwPosnToSerICom_Str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126617 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487	0 1 1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126522 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487 2	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrveILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	1 1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126617 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487 2	0 1 1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126522 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487 2 0	
PsaAgAn_AbsIthwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_MtrveLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrveLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_RelhwPosnToSerICom_Str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126617 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487	0 1 1 1 1015.1803 -909.265076 2 0 PSAAGAN_POWERCUT 0 -8.82126522 364.692261 140.152496 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 119.444397 360.106293 2 0 41.0125999 -453.892487 2	

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Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-239.775345	-239.775345	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	584.303223	584.303223 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Fest Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
	0.804499984
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-674.592285
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	5.58710003
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.337700009
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	161.378601
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.337700009
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	882.166321
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.337700009
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1516.05847
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1123.3291
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1639.56775
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTir	me) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	76.9247971
_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	0.0480999984
<pre>c_PsaAgAn_AbsHwPosLvl2_HwDeg_f32</pre>	22.6460991
<pre>c_PsaAgAn_EpsPrec_HwDeg_f32</pre>	14.5668001
c_PsaAgAn_MinPrecFail_HwDeg_f32	111.932297
C PsaAgAn OffsDataInitMaxOffs HwDeg f32	1435.97095
C PsaAgAn OffsDataInitMaxSrc Cnt u08	2
S PsaAgAn OffsDataInitMinOffs HwDeg f32	-1279.17419
S PsaAgAn OffsDataInitMinSrc Cnt u08	0
S PsaAgAn OffsetPolarity HwDeg f32	0.486000001
<pre>c_ factor f</pre>	4.32460022
S PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.5
c_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.601100028
S PsaAgAn VehCondMaxVehSpd Kph f32	2.10170007
C PsaAqAn VehCondMinTi mS u32	5320
PsaAgAn AbsltHwAuthyY Uls u1p15[0]	32768
: PsaAgAn AbsitHwAuthyY Uls u1p15[1]	32768
:_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	0
_rsaAgAn_AbsitHwAuthyY_Uis_u1p15[2] :_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0
:_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0





	I		
Name	Input Value		
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset target Pim_PsaAgArbnLrndOffsData.MinOffset	-1634.88354 -1218.34253		
target Pim PsaAgArbnLrndOffsData.MaxSrc	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	34		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6925.86768		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	18		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	659.83197		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	8.59930038		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.22020006		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	194.782394		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3117.34424 0.730000019		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1441.82422		
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-8.35200024		
target PsaAgArbn Per1 VehicleSpeedValid Cnt Igc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	168.284805		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Iu	target_PsaAgArbn_Per1_EscAckFromSerICc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	:	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeedValid_ target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_132	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	- Nooule
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn AgArbnOffsFlt Cnt M Igc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0.804499984	0.804499984	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-674.592285	-674.592285	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	~
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.78779793	4.78779793	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	172.659058	172.659058	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	368.38208	368.38208	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lag	0	0	*
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	0	0	-
PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn StInit Cnt M Igc	1	1	-
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1123.3291	-1123.3291	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1639.56775	-1639.56775	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~

target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1435.97095	1435.97095	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1279.17419	-1279.17419	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	258.119324	258.119324 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1381.44849	1381.44849	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.730000019	0.730000019 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1441.82422	1441.82422 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.80 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1112.8761
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1112.5188
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.87680006
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.932299972
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1210.44495
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.932299972
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-615.035706
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.932299972
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-674.372681
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1247.38574
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	352.384705
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	21.948
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	29.2243004
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	16.2950993
k_PsaAgAn_EpsPrec_HwDeg_f32	3.35820007
k_PsaAgAn_MinPrecFail_HwDeg_f32	311.02301
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	795.463806
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1619.73584
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.55679989

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PsaAgArbn_Per1



1 8d/1g/11011_1 811			1 -1 -10-10
Name	Input Value		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.54539967		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.0855		
k_PsaAgAn_VehCondMinTi_mS_u32	1410		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10 25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	1679		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	745.076782		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	1287.83496		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	18		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9425.58691		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	91		
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	770.726501		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.6042004		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.76249981		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-739.670898		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1463.2262		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1519.11255		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.48980045		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	52.0110016		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsetElapse$	1625232881		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	· · · ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_EscOffsFromSerlCom_HwDeg =	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l f target PsaAgArbn Per1 EscOffsFromSerIC		
target_Rte_Inst_Ap_FsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom_Hwbeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1112.8761	1112.8761	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1112.5188	-1112.5188	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT PSAAGAN DEFECT		
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.10991812	6.10991907	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-607.647949	-607.64801	
PsaAgAn PinionTrgLPF UIs M str.SV UIs f32	138.386047	138.386047	

138.386047

PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32

138.386047

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1247.38574	1247.38574	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	352.384705	352.384705	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	795.463806	795.463806	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1619.73584	-1619.73584	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	447.500519	447.500519 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-799.885254	-799.885254	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1519.11255	1519.11255 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 3.81 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	448.5578
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1528.41223
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	8.24860001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.119099997
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	784.449402
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.119099997
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	410.276611
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.119099997
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1002.41138
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1036.76904
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1431.48328
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	29.9876003
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.8141003

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Name	Input Value		
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	4.69439983		
k_PsaAgAn_EpsPrec_HwDeg_f32	19.4794006		
k_PsaAgAn_MinPrecFail_HwDeg_f32	385.471497		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1222.61584		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1627.44177		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.476300001		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.23009968		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.184599996		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.88740015		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.50189996		
k_PsaAgAn_VehCondMinTi_mS_u32	5582		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	546.559204 1606.2041		
target_Pim_PsaAgArbnLrndOffsData.MinOffset target Pim PsaAgArbnLrndOffsData.MaxSrc	1606.2041		
target Pim PsaAqArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	111		
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	1923.89783		
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	43		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	671.113708		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	4.63049984		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-3.70169997		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-500.975098		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	913.809875		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1260.61877		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.934700012		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	319.926208		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	3183965555		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_InstAp_PsaAgArbn_PsaAgA$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	0eg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Cn$	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechN	1trPosStatus_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICc		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Psa$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_102	
	target_Pim_PsaAgArbnLrndOffsData Actual Value	Expected Value	Daguit
Name PeoAgAn AbalthuPeopl v/2 Cot M Igo	0	Expected Value	Result
PsaAgAn_AgArbnOffsEltDetd_Cot_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc			•

PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc

2018-03-03, 17:42:20+0530



PsaAgArbn_Per1 **Actual Value Expected Value** -295.541565 -295.541565 ${\sf PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset}$ PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -343.761353 -343.761353

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PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.82531929	6.82531929	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	631.355347	631.355347	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	364.310089	364.310089	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-295.541565	-295.541565	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-343.761353	-343.761353	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-295.541565	-295.541565	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-343.761353	-343.761353	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	24.1098938	24.1098938 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1260.61877	-1260.61877 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 3.82 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1560.8844
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1490.66846
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.76169991
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.520799994
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	72.0793991
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.520799994
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-847.1828
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.520799994
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1098.22205
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT





Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-800.965027
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	306.473389
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	20.2915001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	12.0016003 21.0202007
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32 k_PsaAgAn_EpsPrec_HwDeg_f32	11.8172998
k PsaAgAn MinPrecFail HwDeg f32	119.652298
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	-824.169189
k PsaAgAn OffsDataInitMaxSrc Cnt u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1245.33899
k PsaAgAn OffsDataInitMinSrc Cnt u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.271699995
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.663600028
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.380299985
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	7.4618001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.9612
k_PsaAgAn_VehCondMinTi_mS_u32	7613
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-869.343323 -456.085785
target_Pim_PsaAgArbnLrndOffsData.MinOffset target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	126
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8845.89551
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	232
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	882.177612
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.5531998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	4.89020014
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	230.867401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2209.38965
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.2685
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1482.88843
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.476200014
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	366.8992
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse target Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc	935535740 target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnVld Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Iq$	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32\\target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32$	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-869.343323	-869.343323	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-456.085785	-456.085785	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.744209528	0.744209588	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	154.776184	154.776184	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-398.390778	-398.390808	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-869.343323	-869.343323	✓
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	-456.085785	-456.085785	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-869.343323	-869.343323	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-456.085785	-456.085785	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.2685	0.2685 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1482.88843	-1482.88843 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace	est Step Call Trace			
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.83 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1632.13086	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	363.324493	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.68529987	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.808499992	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-373.2771	





Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.808499992
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	866.683411
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.808499992
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	718.238708 0
PsaAgAn ResetEsc Cnt M Igc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1521.47864
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-51.4180984
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn k CmnSysTrqRatio HwNmpMtrNm f32	target_Rte_Inst_Ap_PsaAgArbn 74.8618011
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	24.6305008
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	17.7840996
k_PsaAgAn_EpsPrec_HwDeg_f32	11.1365004
k_PsaAgAn_MinPrecFail_HwDeg_f32	136.468399
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-155.514999
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1359.96033
k_PsaAgAn_OffsblataInitMinSrc_Cnt_u08	0.420000005
k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	-0.130600005 0.315200001
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	8.56289959
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.02029991
k_PsaAgAn_VehCondMinTi_mS_u32	2261
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1275.81567
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1142.51587
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	206
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	597.106812
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	154
target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt Igc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1322.00244
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.40540004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.4545002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1075.26208
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	271.242004
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	0.486499995 -139.501007
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-139.501007 -4.33900023
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	457.824005
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVid_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnSt1oSeriCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCulliwechiwitiPosStatus_	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_P$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_t	f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32





Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelA	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_H	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_l	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_ target_PsaAgArbn_Per1_RelHwPosnT	oSerlCom_HwDeg_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosn\	/ldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessA	uthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessH	wPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmd0	CRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpee	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpee	d_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1632.13086	-1632.13086	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	363.324493	363.324493	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓	
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.9807291	5.98072815	✓	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-940.83197	-940.83197	✓	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-89.0075073	-89.0074768	✓	
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODININ	PSAAGAN MODININ	✓	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	-	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓	
PsaAgAn StInit Cnt M Igc	1	1	✓	
PsaAgAn UsedOffs Uls M str.MaxOffset	-1521.47864	-1521.47864	✓	
PsaAgAn UsedOffs Uls M str.MinOffset	-51.4180984	-51.4180984	✓	
PsaAgAn UsedOffs Uls M str.MaxSrc	1	1		
PsaAgAn UsedOffs Uls M str.MinSrc	1	1	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-155.514999	-155.514999	✓	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1359.96033	1359.96033	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	-	
target Pim PsaAgArbnLrndOffsData.MinSrc	2	2	✓	
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	-	
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	-	
target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	786.448364	786.448364	-	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✓	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.486499995	0.486499995 ± 1e-05	_	
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-139.501007	-139.501007 ± 0.00001	~	
target PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg f32.value	0	0 ± 1e-05	_	
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt Igc.value	0	0	_	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.84 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1042.42114
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1013.03113
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0 2
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-7.11089993
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	39.4499016
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-426.732086
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	PSAAGAN_MODABSLT -1328.96912
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1
PsaAgAn ResetEsc Cnt M Igc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-758.178772
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1177.92566
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1 target Dta Call An DanAgArha SystemTime DtronElegendTime US 1/22 ElegendTime
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Inst_Ap_PsaAgArbn
Rte_Inst_Ap_PsaAgArbn k CmnSysTrqRatio HwNmpMtrNm f32	28.4545994
k PsaAgAn AbsHwPosLvl1 HwDeg f32	3.98250008
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.3310003
k_PsaAgAn_EpsPrec_HwDeg_f32	19.8682003
k_PsaAgAn_MinPrecFail_HwDeg_f32	142.131699
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	607.68811
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1393.55176
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.756299973
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	4.56619978 0.5
k_PsaAgAn_vehCondMaxPinTrq_HwNm_f32	-1.08850002
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.84500003
k_PsaAgAn_VehCondMinTi_mS_u32	2972
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	10 25
t PsaAqAn AbsltHwPosnPrecX HwDeq u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	431.164795
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1531.41858
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	156
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6777.17188
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	118
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc.value	709 550975
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	-798.559875 29
target PsaAgArbn Per1 HwTorque HwNm f32.value	-2.0711
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	681.370117
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	294.185303
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.674300015
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1597.96155
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.03410006
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.518402
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AbsitHwPosnLvi2_Cnt_igc target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AbsitHwPosnPrecision_HwDeg_	target_PsaAgArbn_Peri_AbsitHwPosnLviz_Cnt_igc target_PsaAgArbn_Peri_AbsitHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
<u> </u>	<u> </u>

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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun	•		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target PsaAgArbn Per1 MtrVelCRF MtrRa	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32		· -	
· · · · · · · · · · · · · · · · · · ·	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_l		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	II_I32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1=	1
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	652.819031	652.819031	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	555.082581	555.082581	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.08067608	-2.0806756	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	680.150452	680.150452	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-145.849121	-145.849106	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-758.178772	-758.178772	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1177.92566	-1177.92566	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	607.68811	607.68811	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1393.55176	1393.55176	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	209.873444	209.873444 ± 1e-05	~
target PsaAqArbn Per1 AbsltHwPosnVld Cnt Iqc.value	0	0	•
target PsaAgArbn Per1 AbsltHwPosn HwDeg f32.value	968.052246	968.052246	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.674300015	0.674300015 ± 1e-05	-
target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value	-1597.96155	-1597.96155 ± 0.00001	•
target PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~
targot_r our gribit_r or t_rtoir iwi our vio robelloont_ont_lgc.value	V	· ·	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.85 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0
PsaAgAn AgArbnOffsFlt Cnt M Igc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn ComputedOffs Uls M str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	7.01840019
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1.
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	
K_I our igran_onobatamitaminono_nwbcg_loz	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1047.37207 1
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1 1 9.00809956
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	1 1 9.00809956 0.5
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1 1 9.00809956 0.5 0.534799993
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1 1 9.00809956 0.5 0.534799993 6.42719984
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	1 9.00809956 0.5 0.534799993 6.42719984 6242
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	1 9.00809956 0.5 0.534799993 6.42719984 6242 32768
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768 32768
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768 32768
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768 32768 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768 32768 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768 32768 0 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768 32768 0 0 0 10 25 1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1 1 9.00809956 0.5 0.534799993 6.42719984 6242 32768 32768 0 0 0 10 25 1679 1678.96814

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Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	101		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	253		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0 129.0289		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnLvl1 C	ent lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	ion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDe	eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	target_PsaAgArbn_Per1_AlignedRelHwPos_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	·	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE$	target_PsaAgArbn_Per1_EscPrecisionFromS	erlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	$target_PsaAgArbn_Per1_HandwheelAuthority$	_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPos_HwDeg_ target_PsaAgArbn_Per1_RelHwPosnToSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVIdToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	$target_PsaAgArbn_Per1_TorqueCmdCRF_M$	trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	$target_PsaAgArbn_Per1_VehicleSpeedValid_$	_ = -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name			1
	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0 0	7
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0 0 1	0 0 1	*
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0 0	7
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0 0 1 598.767212	0 0 1 598.767212	~
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0 0 1 598.767212 1241.60339	0 0 1 598.767212 1241.60339	~
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0 0 1 598.767212 1241.60339	0 0 1 598.767212 1241.60339	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224	0
PsaAgAn_AbsithwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVeil.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ	0
PsaAgAn_AbsithwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uis_M_str.MaxOffset PsaAgAn_ComputedOffs_Uis_M_str.MinOffset PsaAgAn_ComputedOffs_Uis_M_str.MinSrc PsaAgAn_ComputedOffs_Uis_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uis_M_str.SV_Uis_f32 PsaAgAn_MitrVeil.PF_Uis_M_str.SV_Uis_f32 PsaAgAn_PinionTrqLPF_Uis_M_str.SV_Uis_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwtrqLPF_uls_M_str.SV_Uls_f32 PsaAgAn_MintrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSeriCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSeriCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_Stinit_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSeriCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1	
PsaAgAn_AbsithwPosnLvi2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.9224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 1 717.393677	
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_StrMod_Cnt_M_enum PsaAgAn_StrMod_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677 1047.37207	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 1 717.393677 1047.37207	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 1 717.393677	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

lame	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	1
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
SaAgAn AgArbnOffsFit Cnt M lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	-1029.73706
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-169.2155
saAgAn_ComputedOffs_Uis_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_ComputedOtts_bis_ivi_str.iviinistc	PSAAGAN INIT
PsaAgAn EscProc Cnt M Igc	0
PsaAgAn HwTrgLPF Uls M str.SV Uls f32	-9.8664999
· · · ·	0.405999988
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	107.137398
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	1 111
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.405999988
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	598.198486 0.405999988
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL 1630
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	111
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1015.11182
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	998.82489
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	
tte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	59.5634995
_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	30
_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	15.6924
_PsaAgAn_EpsPrec_HwDeg_f32	15.0994997
_PsaAgAn_MinPrecFail_HwDeg_f32	266.287292
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1377.89453
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	92.9396973
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.0456000008
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	6.66020012
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.151500002
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	6.78270006
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.32390022
_PsaAgAn_VehCondMinTi_mS_u32	2101
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768

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Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t PsaAgAn AbsltHwPosnPrecX HwDeg_u16p0[2]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	25 1679		
target Pim PsaAgArbnLrndOffsData.MaxOffset	844.667725		
target_Filli_FsaAgArbilErindOffsData.MiaXOffset	-136.067307		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	1		
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	31		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1750.44714		
rarget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	71		
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	683.133423		
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.3227997		
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.21309996		
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-947.679504		
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	386.915985		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1018.30261		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.81789994		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	462.716187		
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps		4 0-4 1	
rarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl		
.arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg .arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnVld Cnt Igc	g_ target_PsaAgArbn_Per1_AbsltHwPosnPre target_PsaAgArbn_Per1_AbsltHwPosnVld		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_H		
arget_Ntc_inst_Ap_readyArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enu			
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_Alignedeanmeenmith occided			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hv	_ , _ ,		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho	ority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	target_PsaAgArbn_Per1_HandwheelPositi	on_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwN	m_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrF	RadpS_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwD	eg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe			
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAutho	·	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	· · · · - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVa		
rarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_K	ph_f32	
arget_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_	
Name	Actual Value	Expected Value	Res
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1029.73706	-1029.73706	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-169.2155	-169.2155	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	1 PSAAGAN DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.78921986	-8.78921986	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-321.118256	-321.118256	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	260.073944	260.073944	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL	PSAAGAN MODFAIL	
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	
	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0		
PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1015.11182	-1015.11182	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	998.82489	998.82489	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	844.667725	844.667725	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-136.067307	-136.067307	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	8.14349365	8.14349365	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1018.30261	1018.30261 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.87 (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
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1047.49121
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1452.75549
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	4.45909977
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1243.43408
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	52.0018005
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1451.74268
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-682.025391
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	258.338898
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	23.4766006
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	16.7026997
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	30
k_PsaAgAn_EpsPrec_HwDeg_f32	17.1270008
k_PsaAgAn_MinPrecFail_HwDeg_f32	139.953094
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1263.14795
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	327.712891
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.887399971		
_ 0 _ 1	2.08299994		
	0.5		
_ 0 _ 1	-0.689400017		
	9.26679993		
k_PsaAgAn_VehCondMinTi_mS_u32 t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	1893 32768		
	32768		
_ 0 _ , 1	0		
	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
_ 0 _ 1	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-994.502014		
0 = = 0	1671.40344		
3.2 2 . 3	0		
0 = = 0	1 162		
0 - 0 0	1223.52417		
	64		
	1		
0 = 0 = = = = = = = = = = = = = = = = =	1		
	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-822.79541		
	9.56099987		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.04080009		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1234.37317		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2390.31128		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
0 _ 0	-1058.98608		
0 = 0 = = 1	6.78609991		
3.2 . 3 . 2 . 2	1		
0 = 0 = = 1 = 1 =	192.997894		
	1918411618 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_(Ont lac	
	target PsaAgArbn Per1 AbsltHwPosnLvl2 (— -	
	target PsaAgArbn Per1 AbsltHwPosnVld Cnt lqc		
	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM	ItrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosSt	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
	target_PsaAgArbn_Per1_EscDataVldFromSe		
	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
	target_PsaAgArbn_Per1_EscOffsFromSerICo		
	target_PsaAgArbn_Per1_EscPrecisionFromS target_PsaAgArbn_Per1_HandwheelAuthorit		
0 = = = 1 = 0 0 = = = 7 = =	target_PsaAgArbn_Per1_HandwheelAuthority	/	
	target PsaAgArbn Per1 HwTorque HwNm		
	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
	target_PsaAgArbn_Per1_RelHwPosnToSerlC	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
	$target_PsaAgArbn_Per1_VehicleSpeedValid_Vehicl$		
	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
	target_Pim_PsaAgArbnLrndOffsData		
	Actual Value	Expected Value	Resu
	113	0	,
0	0	•	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0 0 -1047.49121	0 -1047.49121	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0 -1047.49121 -1452.75549	0 -1047.49121 -1452.75549	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0 -1047.49121 -1452.75549 0	0 -1047.49121 -1452.75549 0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0 0 -1047.49121 -1452.75549 0 1	0 -1047.49121 -1452.75549 0	•
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 -1047.49121 -1452.75549 0	0 -1047.49121 -1452.75549 0	





Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1234.39038	-1234.39038	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	164.141891	164.141891	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-682.025391	-682.025391	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	258.338898	258.338898	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1263.14795	-1263.14795	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	327.712891	327.712891	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	211.843231	211.843231	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1058.98608	-1058.98608 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.88 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-897.849426
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	139.245102
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.23249996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.457100004
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-406.189301
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.457100004
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	800.067871
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.457100004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-138.844894
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1214.32788
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

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Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	8.31820011		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	19.7206993		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	20.5231991		
k_PsaAgAn_EpsPrec_HwDeg_f32	1.63520002		
k_PsaAgAn_MinPrecFail_HwDeg_f32	429.757996		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1648.33826		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-258.721893		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-0.500800014		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	8.74030018		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k PsaAgAn VehCondMaxPinTrg HwNm f32	8.03709984		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	5.85129976		
k_PsaAgAn_VehCondMinTi_mS_u32	7282		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[2]	25		
	1679		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	-576.255371		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-681.732971		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	59		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2193.50171		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	123		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1187.15442		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.7532997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.40999985		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-586.791504		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	898.004272		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1414.47925		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.71249962		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	184.121597		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1652601929		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_C	nt Igc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cn		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechMt		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target PsaAgArbn Per1 AlignedRelHwPos H		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCon		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_li			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition_	· •	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadp		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCo	om_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToSe	rlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_	_Ulsf32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_F	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_Mtr	rNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_	f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc		0	~
<u> </u>			





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-897.849426	-897.849426	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	139.245102	139.245102	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.51333523	-4.51333523	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-488.742554	-488.742554	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	463.63974	463.63974	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-138.844894	-138.844894	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1214.32788	-1214.32788	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1648.33826	-1648.33826	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-258.721893	-258.721893	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	537.741516	537.741516 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	676.586365	676.586365	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1414.47925	1414.47925 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.89 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1419.46545
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1047.33032
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0.455500007
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-90.0843964
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	753.63739
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-512.453674
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1





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Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-924.523376
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-168.799805
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	42.8009987
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	12.4434004
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	13.8219995
k_PsaAgAn_EpsPrec_HwDeg_f32	17.2758007
k_PsaAgAn_MinPrecFail_HwDeg_f32	172.3741
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1548.99829
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	936.990417
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.80410004
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.55200005
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3.92090011
k_PsaAgAn_VehCondMinTi_mS_u32	6195
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-288.562988
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1352.72681
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	116
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6344.04297
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	66
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1304.54614
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.0809002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.55290008
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-710.351196
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	962.343506
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.952300012
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1067.97266
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.85520005
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	70.0440005
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	72.8443985
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1419.46545	1419.46545	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1047.33032	1047.33032	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.54718399	-2.54718399	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-709.172668	-709.172668	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	120.857117	120.857094	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-924.523376	-924.523376	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-168.799805	-168.799805	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1548.99829	1548.99829	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	936.990417	936.990417	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	546.661621	546.661621	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.952300012	0.952300012 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1067.97266	1067.97266 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

Test Step 3.90 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1262.50488	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1120.85657	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	





Name	Input Value
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	4.65889978
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	169.111404
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	451.136108
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	640.478882
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-154.656494
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1124.44495
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	O Served Dto Coll An DeadaArby SystemTime DtompTleggedTime vS v22 FleggedTime
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn 16.0797997
k_CmnSysTrqRatio_HwNmpMtrNm_f32 k_PsaAqAn_AbsHwPosLvI1_HwDeq_f32	19.2577991
k PsaAgAn AbsHwPosLvl2 HwDeg_132	5.70120001
k PsaAgAn EpsPrec HwDeg f32	9.04590034
k_PsaAgAn_MinPrecFail_HwDeg_f32	79.1204987
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	737.25531
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-329.558105
k PsaAgAn OffsDataInitMinSrc Cnt u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.06809998
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	2.04889989
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	7.05539989
k_PsaAgAn_VehCondMinTi_mS_u32	6092
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-684.739502
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-377.668304
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	106
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4509.24121
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	183 0
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Peri_EscDatavid=romseriCom_Cnt_igc.value target PsaAgArbn Per1 EscOffsEna Cnt lqc.value	1
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	28.0114002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.50969982
target PsaAqArbn Per1 HwTorque HwNm f32.value	-1.95029998
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-1239.29102
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-614.093384
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-108.238701
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.75040007
target PsaAgArbn Per1 VehicleSpeedValid Cnt Igc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	404.394592
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3509154646
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0$	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Results (App_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Results (App_PsaAgArbn.PsaAgAr$	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc





Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	gc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target PsaAgArbn Per1 RelHwPosnToSerl	· -		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target PsaAgArbn Per1 VehicleSpeedValid			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	*		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1_102		
		Even stad Value	Danulé	
Name	Actual Value	Expected Value	Result	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	Y	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	Y	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	V	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1262.50488	1262.50488	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1120.85657	-1120.85657	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.93774223	-1.93774235	✓	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1236.61499	-1236.61499	~	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-61.2805176	-61.280529	✓	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-614.093384	-614.093384	✓	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	•	
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-154.656494	-154.656494	•	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1124.44495	-1124.44495	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-684.739502	-684.739502	-	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-377.668304	-377.668304	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0		
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	~	
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	~	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc.value	0	0	✓	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	484.894226	484.894226 ± 1e-05	-	
target PsaAgArbn Per1 AbsltHwPosnVld Cnt lgc.value	0	0	V	
target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value	25.4573364	25.4573364		
target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum.value	1	1	•	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05		
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-108.238701	-108.238701 ± 0.00001	~	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-614.093384	-614.093384 ± 1e-05	J	
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt Igc.value	1	1	-	
targot_i sar galbii_i ci i_itcii iwi osiivia ioselloolii_ciit_igc.value	•	'	_	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 3.91 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1





Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn ComputedOffs UIs M str.MinOffset	-565.927002 1413.06641
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	0.546000004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.863499999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-983.211792
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.863499999
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-566.258179
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.863499999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-798.529602
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1398.68994 300.538412
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	-309.528412 0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte Inst Ap PsaAgArbn	target_Rte_Call_Ap_PsaAgArbin_System time_btimine_absect time_us_usz_elapsect time target Rte Inst Ap PsaAgArbin
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.8115005
k PsaAgAn AbsHwPosLvl1 HwDeg f32	10.9296999
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	12.0489998
k_PsaAgAn_EpsPrec_HwDeg_f32	16.0974998
k_PsaAgAn_MinPrecFail_HwDeg_f32	43.0348015
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-705.004028
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1336.88464
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.921400011
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.22230005
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.05840015
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.18449998
k_PsaAgAn_VehCondMinTi_mS_u32 t PsaAgAn AbsltHwAuthyY UIs u1p15[0]	871 32768
t PsaAgAn AbsithwAuthyY Uls u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uis_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t PsaAgAn AbsItHwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	503.119293
target_Pim_PsaAgArbnLrndOffsData.MinOffset	702.728027
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	152
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9899
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	108
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-267.398102 16.6131002
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	16.6131992 8.65799999
target_PsaAgArbn_Per1_htv1orque_htv1orque_s2.value target_PsaAgArbn_Per1_htv1orque_htv1orque_s2.value	176.572906
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-135.837601
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1064.77686
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.5637002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	152.587906
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3442344043
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse\\ target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc$	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc

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Name	Input Value			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnVld C	Cnt lac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	_,		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedRelHwPos_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	ty_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32		
$target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	serlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/ltrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-565.927002	-565.927002	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1413.06641	1413.06641	~	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	7.55071163	7.55071211	✓	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	18.2622681	18.2622681	~	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-237.061401	-237.061386	~	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~	
PsaAgAn_StInit_Cnt_M_Igc	1	1	~	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1398.68994	-1398.68994	~	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-309.528412	-309.528412	~	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	503.119293	503.119293	~	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	702.728027	702.728027	•	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•	
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	V	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	854.109131	854.109131	V	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•	
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~	
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1064.77686	1064.77686 ± 0.00001	~	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•	
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.92 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsitHwPosnLvi2 Cnt M Igc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-57.6604004
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	540.586609
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn EscProc Cnt M Igc	1
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	9.55350018
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1217.47693
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	543.580322
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	477.828308
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	56.6619987
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	5.38140011
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	14.1119003
k_PsaAgAn_EpsPrec_HwDeg_f32	4.54419994
k_PsaAgAn_MinPrecFail_HwDeg_f32	316.019104
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1608.30127
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1671.52271
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1.98319995
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.49090001
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	9.65450001
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	2.51209998
k_PsaAgAn_VehCondMinTi_mS_u32	9998
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1580.93579
target_Pim_PsaAgArbnLrndOffsData.MinOffset	629.120483
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	19
target_1 oar ignion_1 or 1_niignoaoanniviconiviti r osotatus_ont_aoo.value	10





Name	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	121.198097		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	199		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target PsaAqArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-1069.1908		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	19.2581997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-9.22799969		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-350.714508		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2019.50317		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-388.97641		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.14639997		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	55.4766998		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elaps		Out Inc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_ _ v	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_ target_PsaAgArbn_Per1_AbsltHwPosnPreci		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVId Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnVld (
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosn HwDeg f32	target PsaAgArbn Per1 AbsltHwPosn HwI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enui	0 - 0	0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u	target_PsaAgArbn_Per1_CumMechMtrPosS	status_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc$	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_$		0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l	•	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpt	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Europeta d Value	Daguilé
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc	0	0 1	
PsaAgAn AgArbnOffsFlt Cnt M lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1045.38843	-1045.38843	-
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1092.99316	-1092.99316	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	•
PsaAgAn_EscProc_Cnt_M_lgc	1	1	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.1923151	-9.19231415	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-347.734863	-347.734924	_
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-355.783264	-355.783234	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	
PsaAgAn ResetEsc Cnt M Igc	1	1	
1 547 (g) (11_1\coc\coc\coc\coc\coc\coc\coc\coc\coc\co	PSAAGAN MODFAIL	PSAAGAN MODFAIL	
PsaAgAn SnsrMod Cnt M enum			
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn Stinit Cnt M lgc	1	1	-
	1 -1679	1 -1679	•
PsaAgAn_StInit_Cnt_M_lgc			
PsaAgAn_StInit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	-
PsaAgAn_StInit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679 1679	-1679 1679	•
PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	-1679 1679 1	-1679 1679 1	•
PsaAgAn_StInit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679 1679 1	-1679 1679 1	
PsaAgAn_StInit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679 1679 1 1 1 1608.30127 -1671.52271	-1679 1679 1 1 1608.30127 -1671.52271	0
PsaAgAn_StInit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	-1679 1679 1 1 1 1608.30127 -1671.52271 1	-1679 1679 1 1 1 1608.30127 -1671.52271 1	
PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLv11_Cnt_lgc.value	-1679 1679 1 1 1 1608.30127 -1671.52271 1 1	-1679 1679 1 1 1608.30127 -1671.52271 1	
PsaAgAn_Stinit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	-1679 1679 1 1 1 1608.30127 -1671.52271 1	-1679 1679 1 1 1 1608.30127 -1671.52271 1	0





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-388.97641	-388.97641 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	-309.789398
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-418.234314
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	9.25290012
PsaAgAn HwTrqLPF Uls M str.K Uls f32	0.725600004
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	-1037.28284
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.725600004
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	-644.185608
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.725600004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-139.805206
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	1
PsaAgAn ResetEsc Cnt M Igc	0
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODFAIL
PsaAgAn StInit Cnt M Igc	1
PsaAgAn UsedOffs Uls M str.MaxOffset	-1679
PsaAgAn UsedOffs Uls M str.MinOffset	1679
PsaAgAn UsedOffs Uls M str.MaxSrc	1
PsaAgAn UsedOffs Uls M str.MinSrc	1
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio HwNmpMtrNm f32	75.7235031
C PsaAgAn AbsHwPosLvl1 HwDeg f32	3.18659997
C PsaAgAn AbsHwPosLvl2 HwDeg f32	12.4169998
S PsaAgAn EpsPrec HwDeg f32	14.3369999
<pre><_rearing.tit_Epsi.rea_rimBeg_rear <_PsaAgAn_MinPrecFail_HwDeg_f32</pre>	349.322601
C PsaAgAn OffsDataInitMaxOffs HwDeg f32	1338.61633
S PsaAgAn OffsDataInitMaxSrc Cnt u08	2
C PsaAgAn OffsDataInitMinOffs HwDeg f32	1170.99902
C PsaAqAn OffsDataInitMinSrc Cnt u08	1
C_ oarigi ti_oriosatamitiminot_oni_acc C_PsaAgAn_OffsetPolarity_HwDeg_f32	1
<pre>c_r saxig/wr_cineet oldmy_nwbeg_or</pre> <pre>c_PsaAgAn_VehCondMaxHwTrq_HwNm_f32</pre>	0.842599988
C PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.5
C PsaAgAn VehCondMaxPinTrq HwNm f32	8.61709976
<pre><_reargan_venCondinax infiq_fixedingles <_PsaAgAn_VehCondMaxVehSpd_Kph_f32</pre>	2.44689989
C PsaAgAn VehCondMinTi mS u32	1594
PsaAgAn AbsItHwAuthyY Uls u1p15[0]	32768
: PsaAgAn AbsitHwAuthyY Uls u1p15[1]	32768

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Checkyka, Adelitative (1998)	Name	Input Value		
Pandaghn Assistational Proc. 1960		·		
Enabeling Audition Former (Line) 1,000 1				
Limitophy Australensembors (Juniorgy 1990) 10 - Limitophy Australensembors (Juniorgy 1990) 157 - Limitophy				
Liphangkap_JosethelmonPrinct_Modes_1, Modes_1		10		
Segre Pana-Again and Ordinate Ministree 127.778076	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
Image: Para Para Para April	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
Image: Purp Purp Apach (Control Control	target_Pim_PsaAgArbnLrndOffsData.MaxOffset	827.778076		
Larger Panaghort Part Approx Panaghort Part Approx Panaghort	target_Pim_PsaAgArbnLrndOffsData.MinOffset	1283.17029		
Linguis PanjayAnn Part Alignical Services Linduis Linguis PanjayAnn Part Alignical Services Linguis PanjayAnn Part Ecocharismosticon Celt Linguis	target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
1977-2094 1972-2004 1972	target_Pim_PsaAgArbnLrndOffsData.MinSrc			
Signified Sign	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	4		
Single_Plankphon_Perf_ExcellariorSensorCom_Cit_go-value 1 1 1 1 1 1 1 1 1				
Large PlangAhm Pert Excitorition Chip Sale				
Single_Pasighten_Pert ExcolinationCom Holiog 22 value				
Segre Pask-Qhith Pert Sechretic information Protein Service Segre Pask-Qhith Pert Service Segre Pask-Qhith Pert Jahr's Organ Pert Pert Service Segre Pask-Qhith Pert Jahr's Organ Pert				
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Singer PaskgArbin Pert Junice PaskgArbin Pert VehicleSpeed Kin Siz value 1 1 1 1 1 1 1 1 1		1		
Integred Pana ApArth Pert VehicleSpeed Vigin (2 value)	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-22.9099007		
Image R. P. Can J. D. PandyAnth P. PandyA	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	3.20689988		
target, Ric, Call, Ap, PsaAgArbn, PsadgArbn, Pert, Absith+Poent, VI, Crit, got target, Ric, Inst. Ap, PsaAgArbn, PsaAgArbn, Pert, Absith+Poent, VI, Crit, got target, Ric, Inst. Ap, PsaAgArbn, PsaAgArbn, Pert, Absith+Poent, VI, Crit, got target, Ric, Inst. Ap, PsaAgArbn, PsaAgArbn, Pert, Absith+Poent, VI, Crit, got target, Ric, Inst. Ap, PsaAgArbn, PsaAgArbn, Pert, Absith+Poent, VI, Crit, got target, PsaAgArbn, PsaAgArbn, PsaAgArbn, Pert, Absith+Poent, VI, Crit, got target, PsaAgArbn, Ps	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
larget, Rie, Inst. Ap, PsaAgAntn	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	312.404114		
target. Ric. Inst. Ap. PsaAgArbn. PsaAgArbn. Perl. Abstitht/Posn/tPccision HwDeg. [12] target. Ric. Inst. Ap. PsaAgArbn. Perl. Abstitht/Posn/tPccision HwDeg. [32] target. Ric. Inst. Ap. PsaAgArbn. Perl. Abstitht/Posn/tPccision HwDeg. [32] target. Ric. Inst. Ap. PsaAgArbn. Perl. Abstitht/Posn/tPccision HwDeg. [32] target. Ric. Inst. Ap. PsaAgArbn. Perl. Abstitht/Posn/tDcc. Inc. enum target. Ric. Inst. Ap. PsaAgArbn. Perl. Abstitht/Posn/tDcc. Inc. enum target. Ric. Inst. Ap. PsaAgArbn. Perl. Allorations (Inc. enum target. Ric. Inst. Ap. PsaAgArbn. Perl. Allorations (Inc. enum target. Ric. Inst. Ap. PsaAgArbn. Perl. Allorations (Inc. enum target. Ric. Inst. Ap. PsaAgArbn. Perl. Allorations (Inc. enum target. Ric. Inst. Ap. PsaAgArbn. Perl. Allorations (Inc. enum target. PsaAgArbn. Perl. Perl. Abstitht/Posn. Perl. Allorations (Inc. enum target. PsaAgArbn. Perl. Allorations (Inc. enum target. PsaAgArbn. Perl. Allorations (Inc. enum target. PsaAgArbn. Perl. Abstitht/Posn. Perl. Abstitht/	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2750840074		
larget, Ric. Inst. Ap. PsaAgArton PsaAgArton, Perf. AbstithtVPosn/Vd_Cnt. growth, Ric. Inst. Ap. PsaAgArton PsaAgArton, Perf. AbstithtVPosn/Vd_Cnt. growth, Ric. Inst. Ap. PsaAgArton PsaAgArton, Perf. AbstithtVPosn, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton PsaAgArton, Perf. AbstithtVPosn, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton PsaAgArton, Perf. AbstithtVPosn, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton PsaAgArton, Perf. AbstithtVPosn, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. AbstithtVPosn, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. AbstithtVPosn, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. AbstithtVPosn, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. EscoAstronSeriCom, Cnt. growth, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. EscoAstronSeriCom, Cnt. growth, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. EscoAstronSeriCom, Cnt. growth, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. EscoMistronSeriCom, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. EscoMistronSeriCom, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. EscoMistronSeriCom, Involog, IS2 target, Ric. Inst. Ap. PsaAgArton, Perf. Handwheel/Noticn, IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. Handwheel/Noticn, IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. Handwheel/Noticn, IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. Handwheel/Noticn, IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. Handwheel/Noticn, IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. Handwheel/Noticn, IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. Micholespeed, IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. SensoriessAuthority, Uis. IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. SensoriessAuthority, Uis. IS2 target, Ric. Inst. Ap. PsaAgArton, PsaAgArton, Perf. Sensori	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc			
target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, Absith-Worsivid, Crit. Igc target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, Absith-Worsin, HwDoe, 132 target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, AlghroshToSeriCom, Crit. enum target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, AlghroshToSeriCom, Crit. enum target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, AlghroshToSeriCom, Crit. enum target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, LaghroshToSeriCom, Crit. Igc target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, EscOekFromSeriCom, Crit. Igc target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, EscOekFromSeriCom, Crit. Igc target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, EscOekFromSeriCom, Crit. Igc target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, EscOffserionSeriCom, Crit. Igc target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, EscOffserionSeriCom, Involved, Itarget, Rie, Inst, Ap, PsaAgArton, Perf, HandwheelAutonity, Uis, IG2 target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, HandwheelAutonity, Uis, IG2 target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, HandwheelAutonity, Uis, IG2 target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, HandwheelAutonity, Uis, IG2 target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, HandwheelAutonity, Uis, IG2 target, Rie, Inst, Ap, PsaAgArton PsaAgArton, Perf, HandwheelAutonity, Uis, IG2 target, Rie, Inst, Ap, PsaAgArton, PsaAgArton, Perf, Reith-Woson, IG2 target, Rie, Inst, Ap, PsaAgArton, PsaAgArton, Perf, Reith-Woson, IG2 target, PsaAgArton, Perf, Reith-Woson, IG2 target, Rie, Inst, Ap, PsaAgArton, PsaAgArton, Perf, Reith-Woson, IG2 target, PsaAgArton, Perf, Rei				
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSertCom_LwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSertCom_Cn_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensoriessAuthority_Uis_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Vehic_Cnt_igc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Vehic_Cnt_igc target_Rte_inst_Ap_PsaAgArbn.Pin_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_MoffsData Name Actual Value Expected Value Resul Actual Value PsaAgAn_AgArbnOffsFitDed_Cnt_M_igc 1 1 1 PsaAgAn_AgArbnOffsFitDed_Cnt_M_igc 1 1 1 PsaAgAn_ComputedOffs_Uis_M_str.MaxOffset -309.789398 -309.789399 -309.789399 -309.789399 -309.789399 -309.789399 -309.789399 -309.789399 -309.789399 -309.789399 -309.789399 -309.789399 -309.789				
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_orqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_vehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_vehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_vehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_vehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_vehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pin_PsaAgArbn_MoffsData target_PsaAgArbn.Pin_PsaAgArbn.PsaAgArb				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedKph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedKph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedKph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedKph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbn_IndOffsData target_PsaAgArbn_Per1_VehicleSpeedKph_f32 target_PsaAgArbn_				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Pert_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Pert_VehicleSpeedKph_f32 target_PsaAgArbn_Pert_VehicleSpeedKph_f32 target_PsaAgArbn_Pert_VehicleSpeed_Kph_f32 target_PsaAgArbn_Pert_VehicleSpeedValid_Cnt_Igc target_Psa				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbnLrndOffsData Name Actual Value Expected Value Resul PsaAgAn_AbstitHwPosnLvi2_Cnt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc 1 1 1 PsaAgAn_AgArbnOffsFitCnt_M_Igc 1 1 1 PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset -309.789398 -309.789398 -309.789398 PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 2 2 2 PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_Igc 0 0 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.Sv_UIs_f32 -0.326471329 -0.326471329 -0.326471329 <				
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_igc target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData target_PsaAgArbn_month in target_Pim_PsaAgArbnLmdOffsData Name Actual Value Expected Value Resul PsaAgAn_AbshitHwPosnLvi2_Cnt_M_lgc 0 0 0 0 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 1				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Actual Value Expected Value Resul PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc 0 0 0 0 0 PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 309.789398 309.7				
Name Actual Value Expected Value Result PsaAgAn_AbsitHwPosnLv/2_Cnt_M_lgc 0 0 0 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 1 1 1 PsaAgAn_AgArbnOffsFit_Cnt_M_lgc 1 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset -309.789398 -309.789398 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -418.234314 -418.234314 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PrinonTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL				
Name Actual Value Expected Value Result PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc 0 0 0 PsaAgAn_AgArbnOffsFItDetd_Cnt_M_lgc 1 1 1 PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc 1 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset -309.789398 -309.789398 -309.789398 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -418.234314 -418.234314 -418.234314 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL				
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc 0 0 PsaAgAn_AgArbnOffsFItDetd_Cnt_M_lgc 1 1 PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset -309.789398 -309.789398 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -418.234314 -418.234314 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MItVelLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL			Expected Value	Result
PsaAgAn_AgArbnOffsFItDetd_Cnt_M_lgc 1 1 PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset -309.789398 -309.789398 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -418.234314 -418.234314 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL			•	/ result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset -309.789398 -309.789398 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -418.234314 -418.234314 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL				~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -418.234314 -418.234314 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL		1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 2 2 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL		-309.789398	-309.789398	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL		-418.234314	-418.234314	✓
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_EscProc_Cnt_M_Igc 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 -0.326471329 -0.326471239 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -0.326471329 -0.326471239 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 -752.698914 -752.698914 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -3.42694092 -3.42694092 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL	PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-0.326471329	-0.326471239	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODFAIL PSAAGAN_MODFAIL				~
				~
Peadadh ReiHwPoenToSeriCom HwDea M f32		_	_	
0	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
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	v =			~
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PsaAgAn_StInit_Cnt_M_lgc 1	i sangni _ottili _ott_ivi_igo	'	1	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	827.778076	827.778076	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1283.17029	1283.17029	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-22.9099007	-22.9099007 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓.
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

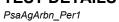
Test Step 3.94 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	633.944397
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1202.25403
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1.
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-0.87529999
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	1311.34094
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-258.436188
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	27.4622993
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	13.6759005
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1026.20557
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	8.44999981
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	25.6021996
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	17.5832005
k_PsaAgAn_EpsPrec_HwDeg_f32	5.74720001
k_PsaAgAn_MinPrecFail_HwDeg_f32	166.329895
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	401.54071
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1614.65247
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

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PsaAgArbn_Per1



Name	Input Value			
k_PsaAgAn_OffsetPolarity_HwDeg_f32	0.0789000019			
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.40040016			
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5			
_ 0	8.60109997			
_ 0	4.70170021			
_ 0	1749			
_ 0 _ / /	32768 32768			
_ 0 _ / 1	0			
_ 0 _	0			
	0			
_ 0 0_ 117	10			
	25			
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1426.15356			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-457.025909			
312 2 1 3 1 1 1 1 1 1 1	1			
0 = = 0	0			
0 = 0 = 0 = 0	184			
0 = 0 = 0 = 0=	6950.00537			
0 - 0	162			
0 = 0 = = = = = = = = = = = = = = = = =	0			
	0			
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-220.7668			
	4.46330023			
	-1.96080005			
	-379.373413			
	2348.5293			
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.835699975			
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1061.40845			
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.31929994			
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1			
0 = 0 = = 1 = 1 =	252.8405			
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse				
	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_			
	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_			
	target_PsaAgArbn_Per1_AbsltHwPosnPrecistarget_PsaAgArbn_Per1_AbsltHwPosnVld_C			
	target_PsaAgArbn_Per1_AbsltHwPosn_HwD			
	target PsaAgArbn Per1 AgArbnStToSerlCo			
	target_PsaAgArbn_Per1_AlignedCumMechN			
	target_PsaAgArbn_Per1_AlignedRelHwPos_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_!$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	gc		
	target_PsaAgArbn_Per1_EscOffsFromSerlC			
	target_PsaAgArbn_Per1_EscPrecisionFromS			
0 = = = 1 = 0 0 = = = 7 = =	target_PsaAgArbn_Per1_HandwheelAuthorit	/ - -		
	target_PsaAgArbn_Per1_HandwheelPosition target_PsaAgArbn_Per1_HwTorque_HwNm			
•				
	target_PsaAgArbn_Per1_MtrVelCRF_MtrRactarget_PsaAgArbn_Per1_RelHwPos_HwDeg			
	target_PsaAgArbn_Per1_RelHwPosnToSerl0	_		
	target PsaAgArbn Per1 RelHwPosnVldToS			
	target_PsaAgArbn_Per1_SensorlessAuthorit			
	target_PsaAgArbn_Per1_SensorlessHwPos_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	/trNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Re	Resul
0 = = = = = 0	0	0		•
	0	0		•
3 2 3 4 4 2 2 23	0	0		•
Lleaden Computed Office IIIa Mate May Officet	633.944397	633.944397		•
0 = 1 = = =	4000 05400	-1202.25403		
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1202.25403			•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1		
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	0		•
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1	1		





Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-376.161011	-376.161041	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	17.1127625	17.1127625	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	13.6759005	13.6759005	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1026.20557	-1026.20557	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	401.54071	401.54071	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1614.65247	-1614.65247	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	519.940735	519.940735 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32.value	506.264832	506.264832	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.835699975	0.835699975 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1061.40845	1061.40845 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

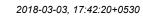
Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.95 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	244.757996
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	41.9429016
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.75710011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-602.851074
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-171.491806
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	302.496002
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	87.2678986
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1477.25012
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

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	Input Value
_ ,	9.2876997
_ 0 0_	1.92460001
_ 0 0_	23.1529007 4.58860016
	56.4919014
	683.471802
	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1063.12366
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
_ 0 _ 7_ 0_	0.211400002
_ 0 _ = =	10
_	0.5
	6.65920019
_	10 822
	32768
_ 0 _ / _ 1	32768
_ 0 _ 7 1 . 1	0
	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
	1679
0 0	1379.06592
0 = = 0	-1159.17981
0 = = 0	1
0 0	2 246
	-1215.40979
0 = 0 = 0 = 0=	173
	1
0 = 0 = = = = = = = = = = = = = = = = =	1
	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	406.48761
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.3887005
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.53649998
	506.8573
0 - 0 0-	754.384827
3 2 2 3 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3	1
	-3.2973001
	0
	57.8750992
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
	target_PsaAgArbn_Peri_EscDatavidFromSenCom_Cnt_igc target_PsaAgArbn_Peri_EscDatavidFromSenCom_Cnt_igc
	target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32
	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
	target_PsaAgArbn_Per1_venicleSpeedvalid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
gooopou. g	
target Rte Inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData
	target_Pim_PsaAgArbnLrndOffsData Actual Value Expected Value Resu





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1379.06592	1379.06592	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1159.17981	-1159.17981	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.54451942	5.54451942	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	504.748779	504.74884	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-25.3659973	-25.366003	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1215.40979	-1215.40979	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1379.06592	1379.06592	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1159.17981	-1159.17981	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1379.06592	1379.06592	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1159.17981	-1159.17981	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1269.1228	1269.1228 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1325.35278	-1325.35278	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1464.08765	1464.08765 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1215.40979	-1215.40979 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.96 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	212.427704	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-844.625916	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.94180012	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	7.82019997	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-58.4104004	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	204.074203	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	





Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	573.906616
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-209.507706
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	3.47280002
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	10.0625
z_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.30119991
r_PsaAgAn_EpsPrec_HwDeg_f32	3.53600001
:_PsaAgAn_MinPrecFail_HwDeg_f32	76.6421967
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	497.628387
c_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1059.35693
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
	-0.713699996
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.288100004
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_rsaAgAn_vehCondMaxPinTrq_HwNm_f32	10
PsaAqAn VehCondMaxVehSpd Kph f32	10
_ 0	
:_PsaAgAn_VehCondMinTi_mS_u32	1864
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-269.310913
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	673.409302
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	1
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	93
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	9401.5332
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	55
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1202.74902
arget PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	28.5231991
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.15430021
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1293.42981
arget PsaAgArbn Per1 RelHwPos HwDeg f32.value	-419.190704
arget PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.265799999
arget PsaAgArbn Per1 SensorlessHwPos HwDeg f32.value	292.584991
arget PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	4.67819977
· - · ·	0
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	67.7399979
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAuthority Uls f32
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32	• - • /
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm f32
arget_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
GIGGE THE HISE OF TRANSPIRE SAME FOR THE LIGHTER THE TRANSPIRE INC.	MIGGET SUNGTIONE OF LINGS WE OS TIMO ESTIMATE OF THE O
	target PsaAgArhn Per1 RelHwPosnToSerlCom HwDeg f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt	





target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name Actual Value Expected Value Result PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFitCott_M_lgc PsaAgAn_AgArbnOffsFitCott_M_lgc PsaAgAn_AgArbnOffsFitCott_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 AUXOCOLOMA AUXOCOLO
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_Vehi
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_Ps
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name Actual Value Expected Value Result PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 target_PsaAgArbnPer1_VehicleSpeed_Kph_f32 target_Pim_PsaAgArbnPer1_VehicleSpeed_Kph_f32 target_Pim_PsaAgArbnPer1_VehicleSpeed_
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Rame Actual Value Expected Value Result PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc 0 0 0 0 VPsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 1 1 1 VPsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 0 0 VPsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 0 VPsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 VPsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 VPsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 212.427704
Name Actual Value Expected Value Result PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc 0 0 ✓ PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 1 1 ✓ PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 212.427704 ✓
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc 0 0 ✓ PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 1 1 ✓ PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 212.427704 ✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 1 1 ✓ PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 212.427704 ✓
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc 0 0 ✓ PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 212.427704 ✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 212.427704 212.427704 ✓
Des A - As Committed Official His Mark Nicroff and 044 000040
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -844.625916 -844.625916 ✓
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 1 1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 1 1
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT ✓
PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓
PsaAgAn HwTrqLPF_Uls_M_str.SV_Uls_f32 -6.13131714 -6.13131762 ✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 -1290.9574 -1290.9574 -1290.9574 ✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 9.96199036 9.96199608 ✔
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -419.190704 -419.190704 ✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓
PsaAgAn_StInit_Cnt_M_igc 1 1 1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 573.906616 573.906616 ✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset -209.507706 -209.507706 ✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 1 1 1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 497.628387 497.628387 ✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset -1059.35693 -1059.35693 ✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 0 0
target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value 0 0 ✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0 0 ✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 391.707153 391.707153 ± 1e-05 ✓
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_igc.value 0 0
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value -601.390137 -601.390137 ✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 1 1
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 0.265799999 0.265799999 ± 1e-05 ✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 292.584991 292.584991 ± 0.00001 ✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value -419.190704 -419.190704 ± 1e-05 ✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value 1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 3.97 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019	





Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	603.338196
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
	27.7724991
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsItHwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	101
target_PsaAgArbn_Per1_AlignedCultiWeCritwith Oscialus_Crit_ubo.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	253
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_ElapseDTime_uS_u332_Elap$	2320436378
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosn HwDeg f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum	
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
toward Die last An DonArAsh DonArAsh DonAr E. D. 1995	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_ltarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc

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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f1 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwLeg_f2 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn Per1_RelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn Per1_SensorlessHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn Per1_VehicleSpeedValid_Cnt_Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData	
	esult
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc 0 0	J
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 0 0	-
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 1 1	
	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 598.767212 598.767212 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 1241.60339 1241.60339	J
0 - 1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 1 1	~
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc 0 0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -1.54290295 -1.54290247	~
PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 375.95224 375.95224 375.95224	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -179.161255 -179.16124	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODININ PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 0 0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 0 0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0	•
PsaAgAn_SnsrMod_Cnt_M_enum PsAAGAN_MODININ PsAAGAN_MODININ	✓
PsaAgAn_Stlnit_Cnt_M_lgc 1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset -1664.82703 -1664.82703	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset 1388.10791 1388.10791 1388.10791	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 1 1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc 1 1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset 717.393677 717.393677	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset 1047.37207 1047.37207	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc 2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 1 1	•
target_PsaAgArbn_Per1_AbsltHwPosnLv11_Cnt_lgc.value 0 0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value 0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value 0 0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value 0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value 138.359619 138.359619	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value 7 7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value 1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value 464.002197 464.002197 464.002197	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value 0 0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value 0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Test Case 4: PRM Range Sheet

Description

Vector Description:

```
TS4.1k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Min
 TS4.1k_PsaAgAn_OlfsDatalnitMaxOlfs_HwDeg_132==>Min
TS4.2k_PsaAgAn_OffsDatalnitMaxOlfs_HwDeg_f32==>Max
TS4.3k_PsaAgAn_OffsDatalnitMaxOlfs_HwDeg_f32==>Pos
TS4.4k_PsaAgAn_OlfsDatalnitMaxOlfs_HwDeg_f32==>Zero
TS4.5k_PsaAgAn_OlfsDatalnitMaxOlfs_HwDeg_f32==>Neg
TS4.6k_PsaAgAn_OlfsDatalnitMaxOlfs_HwDeg_f32==>Default
TS4.7k_PsaAgAn_OlfsDatalnitMinOlfs_HwDeg_f32==>Min
TS4.8k_PsaAgAn_OlfsDatalnitMinOlfs_HwDeg_f32==>Max
TS4.7k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Min
TS4.8k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Max
TS4.9k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Pos
TS4.10k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero
TS4.11k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Neg
TS4.12k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Default
TS4.13k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Min/Default
TS4.13k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08==>Max
TS4.15k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos
TS4.16k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Min/Default
TS4.17k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max
TS4.17k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos
   TS4.18k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos
TS4.19k_CmnSysTrqRatio_HwNmpMtrNm_f32==>Min
TS4.20k_CmnSysTrqRatio_HwNmpMtrNm_f32==>Max
   TS4.21k_CmnSysTrqRatio_HwNmpMtrNm_f32==>Pos/Default TS4.22t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0==>Min TS4.23t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0==>Max
 IS4.23T_PSaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0==>Max
TS4.24t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0==>Pos/Default
TS4.25t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15==>Min
TS4.26t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15==>Pos
TS4.27t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15==>Pos
TS4.28t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15==>Default
TS4.29k_PsaAgAn_EpsPrec_HwDeg_f32==>Min
TS4.30k_PsaAgAn_EpsPrec_HwDeg_f32==>Max
TS4.31k_PsaAgAn_EpsPrec_HwDeg_f32==>Max
  TS4.31k_PsaAgAn_EpsPrec_HwDeg_f32==>Pos
TS4.32k_PsaAgAn_EpsPrec_HwDeg_f32==>Default
  TS4.32k_PsaAgAn_OffsetPolarity_HwDeg_f32==>Min/Default
TS4.34k_PsaAgAn_OffsetPolarity_HwDeg_f32==>Max
TS4.35k_PsaAgAn_MinPrecFail_HwDeg_f32==>Min
TS4.36k_PsaAgAn_MinPrecFail_HwDeg_f32==>Max
   TS4.37k_PsaAgAn_MinPrecFail_HwDeg_f32==>Pos
TS4.38k_PsaAgAn_MinPrecFail_HwDeg_f32==>Default
  TS4.30k_PsaAgAn_MiliPecrali_HwDeg_132==>Default
TS4.30k_PsaAgAn_AbsHwPosLv11_HwDeg_f32==>Min
TS4.40k_PsaAgAn_AbsHwPosLv11_HwDeg_f32==>Max
TS4.41k_PsaAgAn_AbsHwPosLv11_HwDeg_f32==>Default
 IS4.42K_PsaAgAn_AbsHwPosLvII_HwDeg_T32==>Default
TS4.43K_PsaAgAn_AbsHwPosLvI2_HwDeg_T32==>Min
TS4.44K_PsaAgAn_AbsHwPosLvI2_HwDeg_T32==>Max
TS4.45K_PsaAgAn_AbsHwPosLvI2_HwDeg_T32==>Pos
TS4.46K_PsaAgAn_AbsHwPosLvI2_HwDeg_T32==>Default
TS4.47K_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_T32==>Max
TS4.49K_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_T32==>Pos
TS4.50K_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_T32==>Pos
TS4.50K_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_T32==>Pos
TS4.50K_PsaAgAn_VehCondMaxMtrVel_MtrPadpS_T32==>Pos
TS4.50K_PsaAgAn_VehCondMaxMtrVel_MtrPadpS_T32==>Pos
TS4.50K_PsaAgAn_VehCondMaxMtrVel_MtrPadpS_T32==>Pos
TS4.50K_PsaAgAn_VehCondMaxMtrVel_MtrPadpS_T32==>Pos
TS4.50K_PsaAgAn_VehCondMaxMtrVel_MtrPadpS_T32==>Pos
TS4.50K_PsaAgAn_TABS_T32==>Pos
TS4.50K_PsaAgAn_TABS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32==TBAS_T32=TBAS_T32=TBAS_T32=TBAS_T32=TBAS_T32=TBAS_T32==TBAS_T32=TBAS_T32=TBAS_T32=TB
   TS4.50k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32==>Default TS4.51k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Min
   TS4.52k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Max
   TS4.53k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Pos
TS4.54k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Zero
TS4.55k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Neg
   TS4.56k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32==>Default TS4.57k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Min TS4.58k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Max
   TS4.59k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Pos
   TS4.60k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32==>Default TS4.61k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Min
   TS4.62k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Max
TS4.63k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Pos
TS4.64k_PsaAgAn_VehCondMaxVehSpd_Kph_f32==>Default
   TS4.65k_PsaAgAn_VehCondMinTi_mS_u32==>Min
TS4.66k_PsaAgAn_VehCondMinTi_mS_u32==>Max
TS4.67k_PsaAgAn_VehCondMinTi_mS_u32==>Pos
     TS4.68k_PsaAgAn_VehCondMinTi_mS_u32==>Default
```

Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	379.498901	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	53.6212006	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.0947001	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.560599983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	338.091797	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0766000003	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	369.23761	

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Name	Input Value
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.560599983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn_ReiHwPosnToSeriCom_HwDeg_M_f32	-1069.26038
PsaAgAn RelHwPosnVldToSerlCom Cnt M Igc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1277.46448
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	248.836502
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1.
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5 0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.69999988
k PsaAgAn VehCondMinTi mS u32	200
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uis_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uis_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1029.96399
target_Pim_PsaAgArbnLrndOffsData.MinOffset	31.2607002
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	51
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2734.6709
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	140
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	359.078705
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	4.01230001
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	12.9041004
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2966.74902
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1 -503.824188
target_PsaAgArbn_Per1_SensoriessHwPos_HwDeg_132.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-3.08800006
target_PsaAgArbn_Per1_ForqueCmdCRF_mtrNm_32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	-3.08800006 0
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	195.239197
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl1 Cnt Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_ftarget_Rte_Inst_Ap_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsRte_Inst_Ap_PsaAgArbn_PsaAgArb$	
	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSer	ICom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	ity_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	379.498901	379.498901	,
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	53.6212006	53.6212006	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.52641106	6.52641106	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	313.182434	313.182434	•
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	135.095978	135.095978	,
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	,
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1277.46448	-1277.46448	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	248.836502	248.836502	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1029.96399	-1029.96399	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	31.2607002	31.2607002	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	Ō	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	514.314026	514.314026	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	
	1.	T	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	•	
RecommendedState	1	RecommendedState	1	•	
VehCondChk	1	VehCondChk	1	✓	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•	
SwitchOffs	1	SwitchOffs	1	•	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓	

-503.824188

0

1 ± 1e-05

0 ± 1e-05

0

-503.824188 ± 0.00001

Test Step 4.2 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	423.379089
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1592.32849
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2

target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value

target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-5.12799978
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	-1011.6142 0.0494000018
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	617.546692
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-899.769287
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1131.39478
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-529.692017
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn 18.9200001
k_CmnSysTrqRatio_HwNmpMtrNm_f32 k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	18.9200001 20
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsittwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1185.05542
target Pim PsaAgArbnLrndOffsData.MinOffset	1589.34607
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	60
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3454.83105
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	228
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1133.81409
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.9920998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-8.78149986
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-569.577881
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2414.72754
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.135800004
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1386.90808 3.11689997
target_PsaAgArbn_Per1_rorqueCmdCRr_withNin_isz.value	3.11009997
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	461.460205
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvI1 Cnt Igc	target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc
· · · · · · · · · · · · · · · · · · ·	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt loc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
	target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_t32 target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_Igc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Record (Application of the Control of $	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc$	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	gc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDegf32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	423.379089	423.379089	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1592.32849	1592.32849	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.77455807	-8.77455807	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-989.777588	-989.777588	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	51.2682495	51.2682343	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1131.39478	-1131.39478	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-529.692017	-529.692017	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1185.05542	1185.05542	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1589.34607	1589.34607	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	-
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	830.543396	830.543396	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.135800004	0.135800004 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1386.90808	-1386.90808 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	_
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	-

Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓



Test Step 4.3 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn AgArbnOffsFlt Cnt M Igc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1541.84863
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	561.569275
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.82800007
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-805.801819
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0233999994
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-264.093506
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1258.76685
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn UsedOffs UIs M str.MinOffset	130.568695 685.94397
PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvI1 HwDeg f32	20
k PsaAgAn AbsHwPosLvI2 HwDeg f32	8
k PsaAgAn EpsPrec HwDeg f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	630.354797
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2] t PsaAgAn_AbsitHwAuthyY_UIs_u1p15[3]	0
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[0]	0
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	814.425598
target Pim PsaAgArbnLrndOffsData.MinOffset	371.991486
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	6351.5083
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	538.26239
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.33690023
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.59930003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-897.503601
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1142.91333
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.9727
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1124.53467
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.5796001
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	500.6409
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	J0204J94J6





Name -	Invest Value		
Name	Input Value	Oct Inc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbslthwPosnVld Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32 target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lqc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbslthwPosn HwDeg f32	target PsaAgArbn Per1 AbsitHwPosn HwI		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enun		-	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDegf32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1541.84863	1541.84863	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	561.569275	561.569275	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.60163462	1.60163462	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-807.947632	-807.947632	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-47.6188202	-47.618824	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1142.91333	-1142.91333	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1541.84863	1541.84863	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	685.94397	685.94397	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	630.354797	630.354797	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	427.952332	427.952332 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1600	-1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.9727	0.9727 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1124.53467	-1124.53467 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1142.91333	-1142.91333 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	•
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.4 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1343.90747
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1414.00342
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-9.59669971
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.741999984
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	487.901093
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.298900008
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	621.856873
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.741999984
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-834.014099
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn ResetEsc Cnt M Igc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn UsedOffs Uls M str.MaxOffset	-426.277802
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1539.32349
PsaAgAn UsedOffs Uls M str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k PsaAgAn VehCondMaxPinTrg HwNm f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k PsaAgAn VehCondMinTi mS u32	200
t PsaAgAn AbsltHwAuthyY Uls u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uis_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t PsaAgAn AbsltHwAuthyY Uls u1p15[3]	0
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1601.29773
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1195.33667
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target Pim PsaAgArbnLrndOffsData.MinSrc	1

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PsaAgArbn_Per1



Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	2		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1953.30286		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	151		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target PsaAgArbn Per1 EscOffsEna Cnt lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-338.224701		
target_rsaAgArbn_rer1_EscPrecisionFromSerlCom_HwDeg_f32.value	7.57460022		
target PsaAgArbn Per1 HwTorque HwNm f32.value	0.104900002		
target PsaAqArbn Per1 MtrVelCRF MtrRadpS f32.value	-1284.17395		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-832.937927		
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.952099979		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	247.417801		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.1566		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	269.567688		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_u32_ElapsedTime_u32	se 2101090039		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosr	nLvl1_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosr		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosr		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosr		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus	_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt	target_PsaAgArbn_Per1_EscAckFrom target_PsaAgArbn_Per1_EscDataVldF		
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_		
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hv			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelA		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_H		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_I	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_H		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_target_PsaAgArbn_Per1_RelHwPosnT	oSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cn	t_ target_PsaAgArbn_Per1_RelHwPosn\	/ldToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessA	uthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessH	wPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmd0	CRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpee	d_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value		
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc		Expected Value	Resu
I SANGHI NO DOLLAIZ OLL IN 190	0	Expected Value 0	Resu
Psaagan_AbsitriwPositEviz_Crit_M_igc Psaagan_agarbnOffsFitDetd_Crit_M_igc	0	· ·	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	-	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1 1 -1343.90747	0 1 1 -1343.90747	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1 1 -1343.90747 -1414.00342	0 1 1 -1343.90747 -1414.00342	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1 1 -1343.90747 -1414.00342 2	0 1 1 -1343.90747 -1414.00342 2	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 1 -1343.90747 -1414.00342 2	0 1 1 -1343.90747 -1414.00342 2	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING	0 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1	0 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277	0 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863	0 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118	0 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ	0 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0	0 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVellPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrienonTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrienonTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2 1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2 1	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2 1 0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721863 130.24118 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2 1 0 -1630	0 1 1 1 -1343.90747 -1414.00342 2 1 PSAAGAN_PROCESSING 1 -2.39811277 -41.7721519 130.241196 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -426.277802 -1539.32349 2 1 0 -1630	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	556.522827	556.522827 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	982.800659	982.800659	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.952099979	0.952099979 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	247.417801	247.417801 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value
PsaAgAn AbsitHwPosnLvi2 Cnt M Igc	1
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1
PsaAgAn AgArbnOffsFit Cnt M lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
PsaAgAn ComputedOffs Uls M str.MinOffset	849.708801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_Escribe_ont_wilgo	9.76189995
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
	1184.67786
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983 577.226013
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAGAN_MODFAIL 459.884613
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.004013
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	864.941101
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-203.293396
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
x_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
c_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
c_PsaAgAn_EpsPrec_HwDeg_f32	1
c_PsaAgAn_MinPrecFail_HwDeg_f32	2
x_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
c_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
C_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
c_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
z_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
z_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0





Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	50		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-548.802979		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	11.6702003		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	247.380905		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl1 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Ont lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_(
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnVld_C		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosn HwDeg f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOalavidrionisencom_cnt_igc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target PsaAgArbn Per1 SensorlessHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	· · · · · ·	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target PsaAgArbn Per1 VehicleSpeed Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	- Itosuit
PsaAqAn AqArbnOffsFitDetd Cnt M Iqc	1	1	-
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	-
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	849.708801	
	2	2	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc			
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2 DSAAGAN DDOCESSING	2 PSAAGAN PROCESSING	-
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	PSAAGAN_PROCESSING 1	PSAAGAN_PROCESSING 1	
	-6.88630867	-6.88630819	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-0.88630867 -230.438599	-230.438538	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32			-
PsaAgAn_PrinionTrqLPF_UIs_M_str.SV_UIs_f32	-26.3596191	-26.3596306	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	Ž
PsaAgAn_ReiHwPosnVidToSeriCom_Cnt_M_lgc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	DEAACAN MODININ	DSAACAN MODININ	Y
PsaAgAn_Strit_Cnt_M_enum	PSAAGAN_MODININ 1	PSAAGAN_MODININ 1	-
PsaAgAn_UsedOffs_LUs_M_str.MayOffset	864.941101	864.941101	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	וטוווּיַּכּ.דטטן	UUT.3411U1	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-203.293396	-203.293396	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.50867	-1071.50867	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	534.117249	534.117249 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-330.823853	-330.823853	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.6 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1056.00171
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1622.93225
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1.
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	2.42140007
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	209.269501
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	128.880493
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1258.76685
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1226.00562
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-332.061005
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

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Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32 t PsaAgAn AbsltHwAuthyY Uls u1p15[0]	200 32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768		
t PsaAgAn AbsitHwAuthyY Uls u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	996.445007		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	468.660614		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6351.5083		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	69		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0 1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target PsaAgArbn Per1 EscOffsEna Cnt lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	538.26239		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.33690023		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.59930003		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-897.503601		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1142.91333		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.9727		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1124.53467		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-2.5796001		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	500.6409		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVid_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AbsitHwPosn_HwE		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	ус	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	· •	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbnLrndOffsData target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resu
Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	Resu
PsaAgAn_AustinwFushLviz_Chi_w_gc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-531.925476	-531.925476	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-544.599304	-544.599304	
	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc			
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
		2 PSAAGAN_INIT	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2		

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-895.400635	-895.400696	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	128.880493	128.880493	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1226.00562	1226.00562	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-332.061005	-332.061005	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	779.033325	779.033325 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-446.972321	-446.972321	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.9727	0.9727 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1124.53467	-1124.53467 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.7 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1152.4248
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-307.775085
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	4.20760012
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-792.226929
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.713400006
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	844.323608
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	83.4052963
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	431.235992
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1067.12878
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn





Passign Abstehend New York 1900	Name	Immut Value		
C. Pasa/An. Asterior Cutt. Modey 252 5 6	Name	Input Value		
R. Pasaghe, Methods 11-box 10-box 12-box 1				
Pandagh, Panther Juning, 172 1				
P. Padgricy (Discharanteasing, and page 22 2 2 2 2 2 2 2 2 2				
R. Paskager (Chitosanithacide). In 1000 1000				
Panaghy Office Mark Mark (1982) 1				
Pasagho, Distallantentheling City (2014)				
Penagky Nethodolashint Michael 120 0.000000000000000000000000000000000		0		
Penagky vnCondesAntries Minkage 322 200 - Penagky vnCondesAntries 1, pt 1,	k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
Pandagh, VenConstackPrint; 1949; 192 3	k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
Pandgoty verbornither 1962 200	k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
Pasagha, Nestinahity Us. ; p1519 22788	k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
Pasaghn_Abstrakminy_Usuninf3[]	k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
	k_PsaAgAn_VehCondMinTi_mS_u32	200		
Pasaghn Abstractivery Use _info[3]	t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_lictarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgctarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgctarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_f1 target_PsaAgArbn.PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_f2 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MrtvelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos.HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos.HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos.HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos.HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos.HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_VelhicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VelhicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VelhicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VelhicleSpeed_Kph_f32 target_PsaAgArbn_Per				
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_t32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name **Actual Value*** **Expected Value** **Expected Value** **Result**			•	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_t32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrNdps_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Prof1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Prof1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Prof1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Prof1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Prof1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Prof1_VehicleSpeed_Kph_f32 target_PsaAgAr				
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target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosntOSerlCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosntVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_MtrVelCRF_MtrNadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HvDeg_f32 target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Pre1_VehicleSpeed_Kph_f32				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_HwDeg target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPos_HvDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_P				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_Igc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_factors target_PsaAgArbn_Per1_SensorlessAuthority_Uls_factors target_PsaAgArbn_Per1_SensorlessAuthority_Uls_factors target_PsaAgArbn_Per1_Sensor				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1				
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData Actual Value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn_Per1_VehicleSpeed_Kph_f3	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData **Result** **Result** **Target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData** **Target_PsaAgArbnLrndOffsData** **Targ				
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData target_Pim_PsaAgArbnLrndOffsData Name Actual Value Expected Value Result	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
Name Actual Value Expected Value Result	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	h_f32	
	target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc 0 0 ✓	Name	Actual Value	Expected Value	Result
	PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1152.4248	-1152.4248	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-307.775085	-307.775085	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.35441685	5.35441685	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1084.85181	-1084.85168	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	34.9330444	34.9330368	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	431.235992	431.235992	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1067.12878	-1067.12878	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	749.182373	749.182373 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	852.726624	852.726624 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.8 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	763.197205
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1276.57947
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.90089989
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	711.247986
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	489.805695
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.32249999
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-538.86969
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0





Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs Uls M_str.MaxOffset	1 -1008.07721
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1336.55798
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn UsedOffs Uls M str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_MinPrecFail_HwDeg_f32	1 2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679 414.5578
target Pim PsaAgArbnLrndOffsData.MinOffset	682.750671
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	163
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-5325.1377
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	231
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target PsaAgArbn Per1 EscOffsEna Cnt lgc.value	1 0
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-389.36731
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.3743
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.14779997
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	387.07019
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2106.71094
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	591.227295
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.11600018 4
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1 391.166412
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Record (AbsltHwPosnPrecision_HwDeg_Record (AbsltHwDeg_Record (AbsltHwPosnPrecision_HwDeg_Record (AbsltHwPosnPrecision_HwDeg) (AbsltHwPosnPrecision_HwDeg_Record (AbsltHwPosnPrecision_HwDeg_$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	
	1 0 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 4.9 (Repeat Count = 1)	est Step 4.9 (Repeat Count = 1)	
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-977.626892	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1443.02502	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.19470024	





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Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-778.40271
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.321999997
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-288.164093
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-142.718994
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	446.236115
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	760.193604
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k PsaAgAn EpsPrec HwDeg f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	630.567688
k PsaAgAn OffsDataInitMinSrc Cnt u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k PsaAgAn VehCondMaxHwTrq HwNm f32	0.5
	0.0099999978
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	997.098328
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-941.27301
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	105
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3375.38037
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	955.081787
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	26.0382004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.405699998
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	80.1256027
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	540.239624
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.168799996
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-594.616882
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	1.2277
target PsaAgArbn Per1 VehicleSpeedValid Cnt Igc.value	0
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	122.116203
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitthwPosnVid Cnt Igc	target PsaAgArbn Per1 AbsitHwPosnVId Cnt Igc
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsithwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerIC	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSer	lCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-977.626892	-977.626892	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1443.02502	1443.02502	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	_
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.422398567	-0.422398567	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-501.956604	-501.956604	-
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	22.2315063	22.2315044	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	446.236115	446.236115	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	760.193604	760.193604	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	997.098328	997.098328	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-941.27301	-941.27301	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-603.214844	-603.214844	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.168799996	0.168799996 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-594.616882	-594.616882 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 4.10 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0





i me aAgAn_AgArbnOffsFit_Cnt_M_lgc aAgAn_ComputedOffs_Uls_M_str.MaxOffset	
aAgAn_ComputedOffs_Uls_M_str.MaxOffset	Input Value
• - •	0
	-166.377808
aAgAn_ComputedOffs_Uls_M_str.MinOffset	1334.25586
aAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
aAgAn_ComputedOffs_Uls_M_str.MinSrc	2
aAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
aAgAn_EscProc_Cnt_M_lgc	1
aAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.83809996
aAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
aAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	261.023804
aAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.184200004
aAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	79.4251022
aAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
aAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
aAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	431.28949
aAgAn RelHwPosnVldToSerlCom Cnt M lgc	1
aAgAn_ResetEsc_Cnt_M_lgc	1
aAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ
aAgAn StInit Cnt M Igc	0
	·
aAgAn_UsedOffs_Uls_M_str.MaxOffset	95.1592026 182.898102
aAgAn_UsedOffs_Uls_M_str.MinOffset	
aAgAn_UsedOffs_Uls_M_str.MaxSrc	2
aAgAn_UsedOffs_Uls_M_str.MinSrc	2
e_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
e_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
PsaAgAn_EpsPrec_HwDeg_f32	1
PsaAgAn_MinPrecFail_HwDeg_f32	2
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0
PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
PsaAgAn_OffsetPolarity_HwDeg_f32	-1
PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
PsaAgAn_VehCondMinTi_mS_u32	200
	32768
PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0]	32768
PsaAgAn_AbsItHwAuthyY_UIs_u1p15[1]	0
PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	
PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
saAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
saAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3]	1679
get_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1060.07593
get_Pim_PsaAgArbnLrndOffsData.MinOffset	636.426697
get_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
get_Pim_PsaAgArbnLrndOffsData.MinSrc	2
get_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	91
get PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	5003.20752
get_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	24
get PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0
get_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
	0
get_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	
get_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	855.276123
101 PERMANTIN DOLL FOODSONE CONCORD CON The Dec. 420 colors	16.0524006
get_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.11870003
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-397.843506
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1041.73206
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1 1471.62976
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value get_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 1471.62976 -3.51690006 1
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value get_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1 1471.62976 -3.51690006 1 197.360504
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value get_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value get_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1 1471.62976 -3.51690006 1 197.360504 e 3850401908
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value get_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value get_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse get_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc	1 1471.62976 -3.51690006 1 197.360504 e 3850401908 target_PsaAgArbn_Per1_AbsltHwPosnLv11_Cnt_lgc
get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_HwTorque_HwNm_f32.value get_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value get_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value get_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value get_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value get_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value get_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value get_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1 1471.62976 -3.51690006 1 197.360504 2 3850401908 target_PsaAgArbn_Per1_AbsltHwPosnLv11_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc

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PsaAgArbn_Per1



Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw	Deg f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enui			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target_PsaAgArbn_Per1_VehicleSpeedVali		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp		
target Rte Inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	- Nooun
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-838.223694	-838.223694	_
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-872.328552	-872.328552	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	·
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.12196684	5.12196684	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	139.660446	139.660446	_
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-61.15345	-61.1534424	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	
PsaAgAn ResetEsc Cnt M Igc	0	0	~
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	95.1592026	95.1592026	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	182.898102	182.898102	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value			~
	0	0	
target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc.value	0	0	✓
			~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0 0 0	0 0 ± 1e-05 0	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0 0 0 -139.028656	0 0 ± 1e-05	*
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0 0 0	0 0 ± 1e-05 0 -139.028656	ž
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0 0 0 -139.028656 7	0 0 ± 1e-05 0 -139.028656 7	· ·
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0 0 0 -139.028656 7	0 0 ± 1e-05 0 -139.028656 7 1 ± 1e-05	· ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	-
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Гest Step 4.11 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1505.974
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-360.320709
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.42399979
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	-1052.87329
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.00240000011
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	397.708801
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1370.56958
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-264.376892
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1548.98816
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTin	
Rte_Inst_Ap_PsaAgArbn	target Rte Inst Ap PsaAgArbn
:_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
S PsaAgAn AbsHwPosLvl1 HwDeg f32	20
:_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
S_PsaAgAn_EpsPrec_HwDeg_f32	1
:_PsaAgAn_MinPrecFail_HwDeg_f32	2
:_FsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
	0
:_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 : PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-179.357803
: PsaAgAn_OlisDataInitiviinOlis_nwbeg_is2	-1/9.35/603
- · ·	-1
x_PsaAgAn_OffsetPolarity_HwDeg_f32	0.5
:_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.0099999998
:_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	
:_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
x_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
:_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[0]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	729.888916
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	-911.49231
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2





Name			
Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	104		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6796.67578		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	189		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-251.493698		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.1166992		
target PsaAgArbn Per1 HwTorque HwNm f32.value	5.98110008		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1013.59027		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2129.45654		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.452100009		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-453.314209		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	215.346207		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_PsaAgA	target PsaAgArbn Per1 AbsltHwPosnLvl1 (Ont Ida	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_(
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 Absitt\u00fcWosnEviz_Ont_ige	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM	trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 in the properties of the prop$	target_PsaAgArbn_Per1_CumMechMtrPosSt	atus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArb$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Peri_EscPrecisionFroms target PsaAgArbn Peri HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		· - -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_$	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_$	target_PsaAgArbn_Per1_RelHwPosnVldToSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeedValid_ target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_102	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	-Apostou raido	
PsaAgAn AgArbnOffsFltDetd Cnt M Igc		0	_
I darigran Againment about Ott Willy	1	0	·
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1		~
		1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1 -1505.974	1 1 -1505.974	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 -1505.974 -360.320709 2	1 1 -1505.974 -360.320709 2 1	
PsaAgAn_AgArbnOffsFIt_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT	
PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0	
PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417	
PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905	
PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506	
PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ	
PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506	
PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerICom_HwDeg_M_f32	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0	
PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_lgc	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0	
PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	1	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0	
PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	
PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816	1 1 1-1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816	
PsaAgAn_AgArbnOffsFIt_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSeriCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSeriCom_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2	1 1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2	
PsaAgAn_AgArbnOffsFIt_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1	1 1 1-1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1	
PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionnTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1 1630	1 1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1 1630	
PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrioinTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MinOffset	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1 1630 -179.357803	1 1 1-1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1 1630 -179.357803	
PsaAgAn_AgArbnOffsFIt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionnTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.905045 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1 1630	1 1 1 -1505.974 -360.320709 2 1 PSAAGAN_DEFECT 0 5.9819417 -1052.77905 172.90506 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -264.376892 1548.98816 2 1 1630	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-642.305664	-642.305664	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.452100009	0.452100009 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-453.314209	-453.314209 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

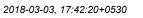
Name	Input Value
PsaAgAn AbsitHwPosnLvl2 Cnt M lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn AgArbnOffsFlt Cnt M lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	1175.85376
PsaAgAn ComputedOffs Uls M str.MinOffset	1489.07605
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN INIT
PsaAgAn EscProc Cnt M Igc	1
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-2.01859999
PsaAgAn HwTrqLPF UIs M str.K UIs f32	0.594600022
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	1116.65955
PsaAgAn MtrVeiLPF Uls M str.K Uls f32	0.210800007
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	703.074219
PsaAgAn PinionTrqLPF UIs M str.K UIs f32	0.594600022
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn_ReiHwPosnToSerlCom_HwDeg_M_f32	436.642487
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ
PsaAgAn StInit Cnt M Igc	1
PsaAgAn UsedOffs Uls M str.MaxOffset	882.893921
PsaAgAn UsedOffs Uls M str.MinOffset	-233.876907
PsaAgAn UsedOffs Uls M str.MaxSrc	1
PsaAgAn UsedOffs Uls M str.MinSrc	2
Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32(ElapsedTime)	target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
C_mnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
S PsaAgAn AbsHwPosLvl1 HwDeg f32	20
: PsaAgAn AbsHwPosLvl2 HwDeg f32	8
S PsaAgAn EpsPrec HwDeg f32	1
:_rsaAgAn_Lipsried_nwbeg_ioz :_PsaAgAn_MinPrecFail_HwDeg_f32	2
S PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630
: PsaAgAn OffsDataInitMaxSrc Cnt u08	0
S PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630
S PsaAqAn OffsDataInitMinSrc Cnt u08	0
:_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
:_rsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
: PsaAgAn VehCondMaxHwTrq_HwNrli_i32	0.0099999978
rsaAgAri_vericondiwaxiwiivei_wiirkadps_isz : PsaAgAri_vericondMaxPinTrq_HwNm_f32	0.69999988
:rsaAgAri_vericondMaxFirriq_rwivin_i32 :PsaAgArVehCondMaxVehSpd_Kph_f32	3
: PsaAgAn VehCondMinTi mS u32	200
PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
_FsaAgAn_AbsitHwAuthyY_Uis_u1p15[0] PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768





Name	Input Value		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target Pim PsaAgArbnLrndOffsData.MaxOffset	455.33609		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1324.34412		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	201		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6800.40918		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	99		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Igc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1189.3728		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.4513998		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.25330019		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1023.1106		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2168.4541		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-24.4088001		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.33029985		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	200.209305 4071815101		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosnLvi2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	atus target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
<pre>target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I</pre>			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscDataVidFromSeriCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnToSerlorserterget_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1	1	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1202.82422 1175.92139	1202.82422 1175.92139	· ·
PsaAgAn ComputedOffs Uls M str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.3052721	2.3052721	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	665.596008	665.596008	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	348.114868	348.114868	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	V
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	· ·
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	1	~

PsaAgArbn_Per1





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	882.893921	882.893921	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-233.876907	-233.876907	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	558.385437	558.385437 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-324.508545	-324.508545	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-24.4088001	-24.4088001 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.13 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsitHwPosnLvl2 Cnt M Igc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	1502.10767
PsaAgAn ComputedOffs Uls M str.MinOffset	658.269592
PsaAgAn ComputedOffs Uls M str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING
PsaAgAn EscProc Cnt M Igc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	4.40969992
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.342799991
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-767.261108
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.971899986
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	481.787598
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.342799991
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-667.25
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-828.595703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	528.582825
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630

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PsaAgArbn_Per1



T Sangh Tibri_T Ci T			
Name	Input Value		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] t PsaAgAn AbsitHwAuthyY Uls u1p15[2]	32768 0		
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	536.409119		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1408.04724		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	134		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4695.8623		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	191		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1068.9364		
target_PsaAgArbn_Per1_EscOrisFromSeriCom_HwDeg_f32.value	1.2277		
target PsaAgArbn Per1 HwTorque HwNm f32.value	-2.97510004		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1289.19995		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1891.36511		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.739400029		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-497.683197		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.18650007		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	166.232895		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu32_ElapsedTime_uSu332_ElapsedTim$	e 2980759047		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enui	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_Ap_Inst_$	f target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwall and the property of the property o$	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3$	2 target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_SensorlessHwPos target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_FsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1502.10767	1502.10767	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	658.269592	658.269592	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	

 ${\sf PsaAgAn_EscProc_Cnt_M_Igc}$

1





Name	Actual Value	Expected Value	Result
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.87819052	1.87819052	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1274.53345	-1274.53345	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	281.972473	281.972473	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-828.595703	-828.595703	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	528.582825	528.582825	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	536.409119	536.409119	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1408.04724	1408.04724	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	150.006409	150.006409	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.739400029	0.739400029 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-497.683197	-497.683197 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	-
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	-

Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-146.182907
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1095.55469
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.28379989
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-286.714691
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-274.876099
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-358.66571
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1581.36047
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	120.594101
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(Elapse	dTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn





		(<i></i>
Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001		
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-838.187683		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	137.265503		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	141		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6350.46387		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	152		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-266.414795		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.10810006		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1010.617		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-468.668915		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.504400015		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-712.536316		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.43389988		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	139.041595		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		2.1.1	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerICc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_leteratt_Rte_Inst_Ap_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_leteratt_Rte_Inst_Ap_PsaAgArbn_Per1_EscOffeEpa_Cnt_leteratt_Rte_Inst_Ap_PsaAgArbn_Per1_EscOffeEpa_Cnt_leteratt_Rte_Inst_Ap_PsaAgArbn_Per1_EscOffeEpa_Cnt_leteratt_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffeEpa_Cnt_leteratt_Rte_Inst_Ap_PsaAgArbn			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerICom_HwL			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	· · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData	_106	
		Exposted Value	Poor
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-146.182907	-146.182907	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1095.55469	1095.55469	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.97476101	9.97476101	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1008.15198	1008.15204	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	168.724945	168.72493	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-468.668915	-468.668915	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1581.36047	1581.36047	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	120.594101	120.594101	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	730.383179	730.383179 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1319.64624	-1319.64624	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.504400015	0.504400015 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-712.536316	-712.536316 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-468.668915	-468.668915 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	•
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.15 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-924.800171
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1087.11523
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.94290018
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1055.38269
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	726.397217
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	436.642487
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0





	l
Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_Stlnit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-301.110596
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	754.601624
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k PsaAgAn VehCondMaxPinTrg HwNm f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k PsaAgAn VehCondMinTi mS u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t PsaAgAn AbsitHwAuthyY Uls u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	581.103882
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1169.33289
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	201
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6800.40918
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	99
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1189.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	12.4513998
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	5.25330019
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1023.1106
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2168.4541
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-24.4088001
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	5.33029985
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	200.209305
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnLv11 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Perl AbsithwPosnVid Cnt Igc	target_PsaAgArbri_Per1_AbsitHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AbsithwPosnVid_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AbsithwPosn_HwDeg_f32	target_PsaAgAron_Peri_AbsitHwPosnvid_Cnt_igc target_PsaAgArbn_Peri_AbsitHwPosn_HwDeg_f32
· · · · · · · · · · · · · · · · · · ·	0 2 0 2 2 2 02
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_functions and the property of the prope$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
$ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_RelHwDeg_RelHwPosnToSerlCom_HwDeg_RelHwPosnToSerlCom_HwDeg_RelHwPosnToSerlCom_HwDeg_RelHwPosnToSerlCom_HwDeg_RelHwPosnToSerlCom_HwDeg_RelHwPosnToSerlCom_HwDeg_RelHwPosnToSerlCom_HwDeg_RelHwPosnToSe$	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32





Name	Input Value		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target PsaAgArbn Per1 SensorlessHwPos HwDeg f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target_PsaAgArbn_Per1_VehicleSpeedValie	d Cnt Igc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1202.82422	1202.82422	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1175.92139	1175.92139	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	5.25271034	5.25271034	✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-1023.17194	-1023.17194	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	107.281189	107.281151	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-301.110596	-301.110596	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	754.601624	754.601624	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	581.103882	581.103882	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1169.33289	1169.33289	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-226.745544	-226.745544	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-24.4088001	-24.4088001 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 4.16 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	264.026886	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-578.953918	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.81439996	





FSAAYAIDII_FEIT	
Name	Input Value
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1155.97595
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-295.638
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	836.221924
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1308.32336
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1530.50146
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
	8
o o_ _PsaAgAn_EpsPrec_HwDeg_f32	1
	2
	1630
	0
c_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
	0
	-1
	0.5
C_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
	0.69999988
	3
x_PsaAgAn_VehCondMinTi_mS_u32	200
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
	32768
	0
, , , , , , , , , , , , , , , , , , , ,	0
	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
	25
_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	1053.54443
arget Pim PsaAgArbnLrndOffsData.MinOffset	-840.634399
0 = = 0	0
° °	2
arget PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	206
arget PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	-5452.38428
arget PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	47
0 = 0 = = = = = = = = = = = = = = = = =	0
0 _ 0	0
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	998.118225
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	3.59310007
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.91839999
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	440.839111
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	66.0009995
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	781.441223
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.1564002
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	173.925003
	4113944554
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg	_f target_PsaAgArbn_Per1_EscOffsFromSerlC	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hv	vE target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	32 target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_ target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnresser (Application of the Compact of the$	t_ target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsitHwPosnLvl2 Cnt M lgc	0	0	~
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	264.026886	264.026886	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-578.953918	-578.953918	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.913207769	-0.91320765	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	437.805176	437.805145	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	133.663483	133.663467	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1308.32336	1308.32336	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1530.50146	1530.50146	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1419.41235	-1419.41235	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	781.441223	781.441223 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 4.17 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0





Name	Input Value
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1643.17041
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-677.388916
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	-4.73629999
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.109499998
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-393.001312
PsaAgAn MtrVelLPF UIs M str.K UIs f32	0.67900002
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-30.7325993
	0.109499998
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	44.9095993
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-293.909912
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	836.865295
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
_ · ·	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[1]	10
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAqArbnLrndOffsData.MaxOffset	719.912415
target Pim PsaAgArbnLrndOffsData.MinOffset	-808.222778
· ·	-000.222776
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	130
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3066.56665
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	179
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	867.482178
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	20.2784996
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.461100012
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1012.12292
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-42.9748993
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.318300009
target PsaAgArbn Per1 SensorlessHwPos HwDeg f32.value	-43.6190987
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	4.36959982
	4.50959962
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	5.12169981
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32

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PsaAgArbn_Per1



Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPo	snVld_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPo	sn_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu	m target_PsaAgArbn_Per1_AgArbnStT	oSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus	_ target_PsaAgArbn_Per1_AlignedCur	mMechMtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRel	HwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u	target_PsaAgArbn_Per1_CumMechN	MtrPosStatus_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc$	target_PsaAgArbn_Per1_EscAckFro	mSerlCom_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_$	_li target_PsaAgArbn_Per1_EscDataVlo	dFromSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna	a_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hv			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_Handwheel	IAuthority_UIs_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	2 target_PsaAgArbn_Per1_Handwheel	IPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_	_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF	_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_	 	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cn			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_Sensorless		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmo	dCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpe	eedValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpe	eed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	-
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1643.17041	1643.17041	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-677.388916	-677.388916	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	•
PsaAgAn_EscProc_Cnt_M_lgc	1	1	-
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-4.16718483	-4.16718483	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-813.384888	-813.384888	-
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-18.2642155	-18.2642155	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-293.909912	-293.909912	-
PsaAgAn UsedOffs Uls M str.MinOffset	836.865295	836.865295	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	-
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target Pim PsaAgArbnLrndOffsData.MinSrc		2	•
0 = = 0	2	0	
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt loc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt lgc.value		0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0		•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0 0 0 0	0 0 ± 1e-05 0	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0 0 0 0 0 -271.477722	0 0 ± 1e-05 0 -271.477722	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0 0 0 0 -271.477722 3	0 0 ± 1e-05 0 -271.477722 3	
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0 0 0 0 -271.477722 3 0.318300009	0 0 ± 1e-05 0 -271.477722 3 0.318300009 ± 1e-05	
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0 0 0 0 -271.477722 3	0 0 ± 1e-05 0 -271.477722 3	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.18 (Repeat Count = 1)	Innut Value
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1187.25781
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1290.38367
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-9.21090031
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.898299992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	852.858521
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.765100002
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-616.479126
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.898299992
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	992.756104
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	695.573975
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	204.701904
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvl1 HwDeg f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
	2
k_PsaAgAn_MinPrecFail_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	788.635498
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1458.3772
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
	1





Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	82		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9627.02051		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	35		
target PsaAgArbn Per1 EscDataVldFromSerlCom Cnt Igc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	510.817108		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.0158005		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.08339977		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	438.539215		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-696.278625		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.127499998		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-945.469727 8.14239979		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	70.5001984		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elaps			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDegarbn_Per1_AbsItHwPosnPrecision$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enuitarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechintrPosStatus target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn_P$	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlCom_HwDeg_Inst_RescOffsFrowSerlC$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorii		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	2 target_PsaAgArbn_Per1_HandwheelPositior target_PsaAgArbn_Per1_HwTorque_HwNm	- ·-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg		-	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnttractions and the property of the prope$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData	1_132	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	/ V
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1187.25781	1187.25781	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1290.38367	1290.38367	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn EscProc Cnt M Igc	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
·	0	U	~
PeaAgAn HwTrgl PF IIIe M etr SV IIIe f32	-6.40146637	-6.40146637	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAnAn_MtrVell PF_UIs_M_str.SV_UIs_f32	-6.40146637 535 862793	-6.40146637 535.862793	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-6.40146637 535.862793 70.2262573	-6.40146637 535.862793 70.2262421	V
	535.862793 70.2262573	535.862793	~
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	535.862793	535.862793 70.2262421	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	535.862793 70.2262573 PSAAGAN_MODININ	535.862793 70.2262421 PSAAGAN_MODININ	*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	535.862793 70.2262573 PSAAGAN_MODININ 0	535.862793 70.2262421 PSAAGAN_MODININ 0	~ ~ ~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	***
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MinOffset	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2 1 1630	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2 1 1630	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2 1 1630 -1630	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2 1 1630 -1630	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	535.862793 70.2262573 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2 1 1630 -1630 0	535.862793 70.2262421 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 695.573975 204.701904 2 1 1630 -1630 0	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	245.436035	245.436035 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-450.137939	-450.137939	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.127499998	0.127499998 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-945.469727	-945.469727 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

PSAQAN_ASIMPOSIT.V2_Cnt_M_lgc	lame	Input Value
PasAgAn AgArbnOffsFILDetL Cnt_M lgc		·
saAgAn_AQACNOTISFIL C.NL.M.jgc 1 saAgAn_ComputeOffS_UIS_M.st xMXOSfiet 382.78813 saAgAn_ComputeOffS_UIS_M.st xMxOSfiet 637.48929 saAgAn_ComputeOffS_UIS_M.st xMxSric 0 saAgAn_ComputeOffS_UIS_M.st xMxSric 2 saAgAn_ComputeOffS_UIS_M.st xMxSric 2 saAgAn_ComputeOffS_UIS_M.st xMxInSric 2 saAgAn_ComputeOffS_UIS_M.st xMxInSric 2 saAgAn_M.price_ComputeOffS_UIS_M.st xMxInSric 2 saAgAn_ComputeOffS_UIS_M.st xMxUIS_G2 2.42370009 saAgAn_M.mrice_PU_US_M.st xMx_UIS_G2 435.55696 saAgAn_M.mrice_PU_US_M.st xMx_UIS_G2 435.55696 saAgAn_M.price_PU_US_M.st xMx_UIS_G2 435.55696 saAgAn_Price_PU_US_M.st xMx_UIS_G2 422.000000 saAgAn_Price_PU_US_M.st xMx_UIS_G2 422.000000 saAgAn_RelimPosniroloser(Compu_US_M.ga 422.004433 saAgAn_RelimPosniroloser(Compu_US_M.ga 422.004433 saAgAn_RelimPosniroloser(Compu_US_M.ga 422.004433 saAgAn_UIS_GEN_Compu_UIS_M.ga xt xMxInSric 0 saAgAn_UIS_GEN_UIS_M.ga xt xMxInSric 0 saAgAn_UIS_GEN_UIS_M.ga xt xMxInSric 0 <		·
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ssaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODABSLT saAgAn_RelHWPosnToSerICom_HWDeg_M_f32 222.074493 ssaAgAn_RelHWPosnToSerICom_HM_igc 1 saAgAn_ResetEsc_Cnt_M_igc 0 saAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL saAgAn_Sthirl_Cnt_M_igc 0 saAgAn_UsedOffs_Uis_M_str.MaxOffset -945.520691 saAgAn_UsedOffs_Uis_M_str.MaxOffset 1625.81958 saAgAn_UsedOffs_Uis_M_str.MinSrc 2 tlc_Call_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32(ElapsedTime) tlc_Call_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn tlc_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn tlc_Inst_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32_ElapsedTime tlc_Inst_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32_ElapsedTime tlc_Call_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtmnElapsedTime_uS_u32_ElapsedTime tlc_Inst_Ap_PsaAgArbn_StwProst_v1_HWDeg_f32 2 PsaAgAn_EpsProc_HWDeg_f32 1630 PsaA	· · · · · · · · · · · · · · · · · · ·	
saAgAn_RelHWPosnVIdToSeriCom_HwDeg_M_f32 -222.074493 saAgAn_RelHWPosnVIdToSeriCom_Cnt_M_lgc 1 saAgAn_ResetEsc_Cnt_M_lgc 0 saAgAn_SnrMod_Cnt_M_enum PSAAGAN_MODREL saAgAn_UsedOffs_Uls_M_str.MaxOffset -945.520691 saAgAn_UsedOffs_Uls_M_str.MinOffset 1625.81958 saAgAn_UsedOffs_Uls_M_str.MinOffset 1625.81958 saAgAn_UsedOffs_Uls_M_str.MinSrc 2 te_Call_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn_SystemTime_DtrmElapsedTime_uS_u32(ElapsedTime) target_Rte_Inst_Ap_PsaAgArbn _cmnSysTrqRatio_HwNmpMtrNm_f32 1 _PsaAgAn_AbsHwPosLv1_HwDeg_f32 2 _PsaAgAn_AbsHwPosLv1_HwDeg_f32 1 _PsaAgAn_MinPrecFail_HwDeg_f32 1 _PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 _PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 _PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 _PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 _PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 _PsaAgAn_VelCondMaxMtrVel_MtrRadpS_f32 0.0099999978 <t< td=""><td></td><td></td></t<>		
saAgAn_RelHWPosnVldToSerlCom_Cnt_Migc 1 saAgAn_ReselEsc_Cnt_Migc 0 saAgAn_SnsrMod_Cnt_Menum PSAAGAN_MODREL saAgAn_Sthiri_Cnt_Migc 0 saAgAn_UsedOffs_Ulis_M_str.MaxOffset -945.520691 saAgAn_UsedOffs_Ulis_M_str.MinOffset 1625.81958 saAgAn_UsedOffs_Ulis_M_str.MinOffset 0 saAgAn_UsedOffs_Ulis_M_str.MinOffset 2 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime) te_Call_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime) te_TsaAgAn_AbsHwPost_viz_LnwDeg_f32 1 PsaAgAn_AbsHwPost_viz_LnwDeg_f32 1 PsaAgAn_EpsPrec_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 0 PsaAgAn_VehCondMaxM		_
saAgAn_ResetEsc_Cnt_M_igc 0 saAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL saAgAn_Stlinit_Cnt_M_igc 0 saAgAn_UsedOffs_Uls_M_str.MaxOffset 945.520691 saAgAn_UsedOffs_Uls_M_str.MinOffset 1625.81958 saAgAn_UsedOffs_Uls_M_str.MinSrc 0 saAgAn_UsedOffs_Uls_M_str.MinSrc 1 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_SaAgAn_AbsHwPost_v9Lyt_HwDeg_f32 1 PsaAgAn_DffsDatalnitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDatalnitMinSt_Cnt_uo8 0 PsaAgAn_OffsDatalnitMinSt_Cnt_uo8 0 PsaAgAn_OffsDatalnitMinSt_Cnt_uo8 0 <td< td=""><td></td><td></td></td<>		
saAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL saAgAn_UsedOffs_Uls_M_str.MaxOffset -945.520691 saAgAn_UsedOffs_Uls_M_str.MinOffset 1625.81958 saAgAn_UsedOffs_Uls_M_str.MinSrc 0 saAgAn_UsedOffs_Uls_M_str.MinSrc 2 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_us_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_us_u32(ElapsedTime) te_Inst_Ap_PsaAgArbn target_Rte_inst_Ap_PsaAgArbn ComSysTrQRatio_HwMmpMtrNm_f32 1 PsaAgAn_AbsHwPosLv1_HwDeg_f32 2 PsaAgAn_AbsHwPosLv1_HwDeg_f32 2 PsaAgAn_MinPrecFail_HwDeg_f32 1 PsaAgAn_MinPrecFail_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3		
saAgAn_Stlint_Cnt_M_lgc 0 saAgAn_UsedOffs_Uls_M_str.MaxOffset -945.520691 saAgAn_UsedOffs_Uls_M_str.MinOffset 1625.81958 saAgAn_UsedOffs_Uls_M_str.MinOffset 2 saAgAn_UsedOffs_Uls_M_str.MinOffset 2 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Call_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Call_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Call_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime PsaAgAn_AbsHwPost_VII_HwDeg_f32 1 PsaAgAn_AbsHwPost_VII_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 0 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMwPinTq_HwNm_f32 0.699999999		
saAgAn_UsedOffs_Uls_M_str.MinOffset .945.520691 saAgAn_UsedOffs_Uls_M_str.MinOffset .1625.81958 saAgAn_UsedOffs_Uls_M_str.MinSrc 0 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime) te_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime) te_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn CmnSysTrqRatio_HwNmpMtrNm_f32 1 PsaAgAn_AbsHwPost_v1_HwDeg_f32 20 PsaAgAn_AbsHwPost_v12_HwDeg_f32 8 PsaAgAn_EpsPrec_HwDeg_f32 1 PsaAgAn_DfsPsPrec_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 1 PsaAgAn_OffsetPolarity_HwDeg_f32 1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMirVel_MirRadpS_f32 0.699999998 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMixTl_mTm_Bus_u32 200 PsaAgAn_AbsItHwAuthyY_Uls	·	_
saAgAn_UsedOffs_Uls_M_str.MinOffset 1625.81958 saAgAn_UsedOffs_Uls_M_str.MaxSrc 0 saAgAn_UsedOffs_Uls_M_str.MinSrc 2 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime CmnSysTrqRatio_HwNmpMtrNm_f32 1 PsaAgAn_AbsHwPost_v12_HwDeg_f32 8 PsaAgAn_DsHwPost_v12_HwDeg_f32 1 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.00999999978 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMinTi_mS_u32 3 PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 300		
saAgAn_UsedOffs_Uls_M_str.MaxSrc 0 saAgAn_UsedOffs_Uls_M_str.MinSrc 2 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn ComSystrqRatio_HwNmpMtrNm_f32 1 PsaAgAn_AbsHwPost_v12_HwDeg_f32 20 PsaAgAn_AbsHwPost_v12_HwDeg_f32 8 PsaAgAn_EpsPrec_HwDeg_f32 1 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_VehCondMaxHwTrq_HwHm_f32 0.5 PsaAgAn_VehCondMaxHwTrq_HwHm_f32 0.00999999978 PsaAgAn_VehCondMaxPinTq_HwNm_f32 0.699999988 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsHtwAuthyY_Uls_u1p15[0] 32768		
saAgAn_UsedOffs_Uls_M_str.MinSrc 2 te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn target_Rte_Call_Ap_PsaAgArbn CmnSysTrqRatio_HwNmpMtrNm_f32 1 PsaAgAn_AbsHwPosLv12_HwDeg_f32 20 PsaAgAn_AbsHwPosLv12_HwDeg_f32 8 PsaAgAn_EpsPrec_HwDeg_f32 1 PsaAgAn_MinPrecFail_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_NetCondMaxHrTq_HwNm_f32 0 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.0099999998 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsltHwAuthyY_Ul		
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime te_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn _CmSysTrqRatio_HwNmpMtrNm_f32 1 _PsaAgAn_AbsHwPosLv11_HwDeg_f32 20 _PsaAgAn_AbsHwPosLv12_HwDeg_f32 8 _PsaAgAn_EpsPrec_HwDeg_f32 1 _PsaAgAn_MinPrecFail_HwDeg_f32 2 _PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 _PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 _PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 _PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 _PsaAgAn_OffsetPolarity_HwDeg_f32 -1 _PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 _PsaAgAn_VehCondMaxMtrVel_MtrRadps_f32 0.6999999978 _PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 _PsaAgAn_VehCondMinTi_mS_u32 200 _PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0] 32768		
te_Inst_Ap_PsaAgArbn target_Rte_Inst_Ap_PsaAgArbn CmnSysTrqRatio_HwNmpMtrNm_f32 1 PsaAgAn_AbsHwPosLvI1_HwDeg_f32 20 PsaAgAn_AbsHwPosLvI2_HwDeg_f32 8 PsaAgAn_EpsPrec_HwDeg_f32 1 PsaAgAn_MinPrecFail_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.0999999978 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsitHwAuthyy_Uis_u1p15[0] 32768		
CmnSysTrqRatio_HwNmpMtrNm_f32 1 PsaAgAn_AbsHwPosLvl1_HwDeg_f32 20 PsaAgAn_AbsHwPosLvl2_HwDeg_f32 8 PsaAgAn_EpsPrec_HwDeg_f32 1 PsaAgAn_MinPrecFail_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbstHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_AbsHwPosLvl1_HwDeg_f32 20 PsaAgAn_AbsHwPosLvl2_HwDeg_f32 8 PsaAgAn_EpsPrec_HwDeg_f32 1 PsaAgAn_MinPrecFail_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbstHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_AbsHwPosLvI2_HwDeg_f32 8 PsaAgAn_EpsPrec_HwDeg_f32 1 PsaAgAn_MinPrecFail_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbstHwAuthyy_Uls_u1p15[0] 32768	· · · · - · · -	
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PsaAgAn_MinPrecFail_HwDeg_f32 2 PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsItHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbstHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 0 PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0] 32768		
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0] 32768		111
PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] 32768		1
PsaAgAn_OffsetPolarity_HwDeg_f32 -1 PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 _PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 _PsaAgAn_VehCondMinTi_mS_u32 200 _PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_VehCondMaxHwTrq_HwNm_f32 0.5 PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 _PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 _PsaAgAn_VehCondMinTi_mS_u32 200 _PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 0.00999999978 _PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 _PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 _PsaAgAn_VehCondMinTi_mS_u32 200 _PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_VehCondMaxPinTrq_HwNm_f32 0.699999988 PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768		
PsaAgAn_VehCondMinTi_mS_u32 200 PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768	·	
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] 32768	· · · · · · · · · · · · · · · · · · ·	
	- •	1 1
PsaAqAn AbsltHwAuthyY UIs u1p15[1] 32768		
PsaAgAn AbsitHwAuthyY Uis u1p15[2] 0	PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	





Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	12.3263998		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1117.34827		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	141		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8190.59375		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	205		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	361.718994		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.0480995		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.79500008		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	590.912292		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-996.486084		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1287.86414		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.124399997		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	141.458405		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2024400291		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	leg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	ItrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosSt	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	jc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	eg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	wt target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	· · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	382.578613	382.578613	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	637.469299	637.469299	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.24370635	1.24370646	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	494.487976	494.487976	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	547.697205	547.697205	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-996.486084	-996.486084	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-945.520691	-945.520691	~





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	637.469299	637.469299	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-842.460327	-842.460388	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1287.86414	1287.86414 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-996.486084	-996.486084 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.20 (Repeat Count = 1)	· ·
Name	Input Value
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1048.97327
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1326.43164
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1.
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.97539997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-977.017883
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.202999994
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	391.059692
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-37.0213013
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1176.41113
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-918.375671
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	100
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
_ 0 _ 1	0.5		
_ 0	0.0099999978		
	0.69999988		
	3 200		
_ 0	32768		
	32768		
	0		
	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
	1450.45935		
0 = = 0	429.533997		
3.2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1		
0 = = 0	1 138		
0 = 0 = = 0 = = =	-9658.25684		
0 = 0 = = 0=	-9658.25684 19		
	0		
	0		
	0		
	-1444.26917		
	26.343399		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.93739986		
	-718.347473		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	3083.92993		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0821999982		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-994.546204		
	8.46520042		
3,5 1, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	0		
0 = 0 = = 1 = 1 =	247.302505		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
	target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc		
	target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc		
	eg_target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32 target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc		
	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
	target_PsaAgArbn_Per1_AlignedCumMechM	1trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I_!$	$target_PsaAgArbn_Per1_EscDataVldFromSetAgAr$	erlCom_Cnt_lgc	
	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
	target_PsaAgArbn_Per1_EscOffsFromSerlCo		
	target_PsaAgArbn_Per1_EscPrecisionFromS		
0 = = = 1 = 0 0 = = = 7 = =	target_PsaAgArbn_Per1_HandwheelAuthorit	/	
	target_PsaAgArbn_Per1_HandwheelPosition		
	target_PsaAgArbn_Per1_HwTorque_HwNm_ target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32 eg target PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg f32		
	target PsaAgArbn Per1 RelHwPosnVldToS		
	target_PsaAgArbn_Per1_SensorlessAuthority		
	target_PsaAgArbn_Per1_SensorlessHwPos_		
	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
0 = = = = = 0	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•
	0	0	•
3 2 3 1 1 2 2 2 3 1			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1048.97327	-1048.97327	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1048.97327 -1326.43164	-1326.43164	•
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	-1048.97327 -1326.43164 1	-1326.43164 1	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	-1048.97327 -1326.43164 1	-1326.43164 1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	-1048.97327 -1326.43164 1	-1326.43164 1	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-924.507813	-924.507813	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	837.7323	837.732361	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1176.41113	1176.41113	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-918.375671	-918.375671	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1047.39343	1047.39343 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-129.017761	-129.017761	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0821999982	0.0821999982 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-994.546204	-994.546204 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.21 (Repeat Count = 1)	▼
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1087.83765
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	84.6699982
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.18280029
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.464300007
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	58.7248993
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	340.545288
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.464300007
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1015.9278
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	120.335999
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1216.26196
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn





Name	Input Value	
C_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
x_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20	
x_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
x_PsaAgAn_EpsPrec_HwDeg_f32	1	
x_PsaAgAn_MinPrecFail_HwDeg_f32	2	
x_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
x_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
x_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
x_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
x_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
c_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
x_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978	
c_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988	
x_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
x_PsaAgAn_VehCondMinTi_mS_u32	200	
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0	
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10	
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25	
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679	
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-358.024994	
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	476.809387	
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	2	
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	124	
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	142.443497	
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	233	
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0	
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0	
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1	
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-883.76947	
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	29	
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	9.25949955	
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	195.040695	
	-1494.01184	
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value		
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.346100003	
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-397.900787	
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.78049994 -	
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0	
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	221.613998	
arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	
arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32	
arget_Rte_inst_Ap_rsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32	
arget_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1087.83765	1087.83765	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	84.6699982	84.6699982	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.21841145	9.21841145	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	194.781693	194.781693	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	118.381058	118.381058	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	120.335999	120.335999	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1216.26196	-1216.26196	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-358.024994	-358.024994	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	476.809387	476.809387	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	668.29895	668.29895 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	547.963013	547.963013	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.346100003	0.346100003 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-397.900787	-397.900787 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.22 (Repeat Count = 1)	→
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-384.949799
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	636.173279
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.43470001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	257.743011
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.167199999
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	642.578125
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-272.780212
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1





FSdAyAIDII_FEIT	I WAC I (MI)
Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1377.25146
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-274.042297
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
	2
	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
	target_Rte_Inst_Ap_PsaAgArbn
	18.9200001
_ , , _ , _	20
_ 0 0_	8
	1
_ 0 _ 1 _ 0_	2
_ 0 9_	
x_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
_	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
_ 0	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999998
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
	3
_ 0	200
_	32768
	32768
	0
_	0
_ 0_ 1.17	0
_ 0_ 1.1	0
_ 0_ 1.17	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	0
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	429.349213
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	-1438.13306
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	2
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	25
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6216.48047
	30
	1
	1
3-2 3 2	1
0 = 0 = = = = = = = = = = = = = = = = =	
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1205.06348
0 = 0 = = = = = = = = = = = = = = = = =	27.9983997
0 - 0 1	9.54699993
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1098.5127
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1651.83142
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1241.64294
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.485799998
	1
	287.148285
0 = 0 = = 1 = 1 =	2302787741
	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
	target PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc
	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_AbsithwPosnVld_Cnt_lqc	
0	target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
	target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32
	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
	target PsaAgArbn Per1 HandwheelAuthority Uls f32
arget Rte Inst An PeaAgArhn DeaAgArhn Derf HanduhaelAuthority IIIa 622	target_PsaAgArbn_Peri_HandwheelAutnority_Uis_r32 target_PsaAgArbn_Peri_HandwheelPosition_HwDeg_f32
·	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-384.949799	-384.949799	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	636.173279	636.173279	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.53348637	9.53348637	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	30.9770508	30.9770584	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	1.5758667	1.5758667	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1377.25146	-1377.25146	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-274.042297	-274.042297	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	429.349213	429.349213	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1438.13306	-1438.13306	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	825.646912	825.646912	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1241.64294	-1241.64294 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.23 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-51.4062004	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1166.34412	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.89299965	





N	Invest Value
Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0278999992
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1099.97168
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.296999991
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	537.704224
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.0278999992
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1428.93005
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1327.65002
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	639.874695
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k PsaAgAn VehCondMaxHwTrq HwNm f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	959.182983
target_Pim_PsaAgArbnLrndOffsData.MinOffset	354.311615
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8280.82617
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	71
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-271.24469
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	28.0060997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.51289988
	-375.998199
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-425.564087
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	651.689026
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.505
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	93.1391983
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_AgArbn_RsaAgA$	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
5	, 0 = 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -

PsaAgArbn_Per1





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg	_f_target_PsaAgArbn_Per1_EscOffsFromSerI0	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hv			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	rity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	32 target_PsaAgArbn_Per1_HandwheelPosition	on_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNn	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_ target_PsaAgArbn_Per1_RelHwPosnToSer	rlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cn	t_ target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	rity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0	0	~
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1	1	•
PsaAgAn AgArbnOffsFlt Cnt M lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	959.182983	959.182983	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	354.311615	354.311615	
PsaAgAn ComputedOffs Uls M str.MaxSrc	2	2	•
PsaAgAn ComputedOffs Uls M str.MinSrc	0	0	
PsaAqAn EscOffsSt Cnt M enum	PSAAGAN_DEFECT	PSAAGAN DEFECT	•
PsaAgAn EscProc Cnt M Igc	0	0	
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-9.79869461	-9.79869461	•
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	661.608643	661.608643	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	521.726135	521.726135	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	959.182983	959.182983	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	354.311615	354.311615	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	959.182983	959.182983	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	354.311615	354.311615	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	302.435669	302.435669 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	973.252686	973.252686	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	651.689026	651.689026 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✓
		4	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	V

Test Step 4.24 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$





Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	267.8302
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1554.81274
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.40180016
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.5176
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1264.81653
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.0951000005
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-532.672729
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.5176
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-998.97229
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	448.737396 -704.406982
PsaAgAn UsedOffs Uls M str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target Rte Inst Ap PsaAgArbn
k CmnSysTrqRatio HwNmpMtrNm f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsittwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAqAn AbsitHwPosnPrecX HwDeq u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	1441.24304
target Pim PsaAgArbnLrndOffsData.MinOffset	-475.525391
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7638.11279
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	161
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	181.544907
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.2524004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.94690001
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	684.832397
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-671.34259
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-113.685501
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.54559994
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	251.385193
target Rte Call Ap PsaAgArba PsaAgAr	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Peri_AbsitHwPosnPrecision_HwDeg_132 target_PsaAgArbn_Peri_AbsitHwPosnVld_Cnt_lgc
target the met op i early out. Fearly out if the Australia City IgC	Transfer or sangering of the control

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PsaAgArbn_Per1



Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw[Deg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target PsaAgArbn Per1 AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerle		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Form a set of Walters	D 14
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	V
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	267.8302	267.8302	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	1554.81274	1554.81274	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1		
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	_
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING 1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.09594345	4.09594393	_
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-1079.40491	-1079.40491	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-182.059601	-182.059601	_
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-671.34259	-671.34259	✓
PsaAgAn_ReiHwPosnVldToSerlCom_Cnt_M_lgc	1	1	_
PsaAgAn ResetEsc Cnt M Igc	1	1	~
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODREL	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	448.737396	448.737396	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-704.406982	-704.406982	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	576.572205	576.572205 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-543.507813	-543.507813	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-113.685501	-113.685501 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-671.34259	-671.34259 ± 1e-05	v
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.25 (Repeat Count = 1)	
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	1
	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-32.8900986
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1153.71375
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-7.47819996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-526.296326
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.512399971
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	408.752411
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	494.986786
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-204.515305
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-879.100586
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k PsaAgAn AbsHwPosLvl2 HwDeg f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k PsaAgAn VehCondMaxPinTrq HwNm f32	0.69999988
k PsaAgAn VehCondMaxVehSpd Kph f32	3
	200
k_PsaAgAn_VehCondMinTi_mS_u32	0
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[0]	
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	0
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1396.42285
target_Pim_PsaAgArbnLrndOffsData.MinOffset	279.27951
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	1





	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	64		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3803.80591		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0		
target_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Igc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-865.731079		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	17.3309002		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.3355999		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1153.40564		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1703.42407		
target_PsaAgArbn_Per1_SensorlessAuthority_UIs_f32.value target PsaAgArbn Per1 SensorlessHwPos HwDeg f32.value	842.761597		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.54770005		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	247.991104		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1735497655		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_Inst_Ap_InstAp_$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AgArbnSt1oSeriCo		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	0 - 0 0 -	. 0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_IgEscDataVIdFr$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
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$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_functions and the property of the prope$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HandwheelPosition target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_VehicleSpeed_Kph target_Pim_PsaAgArbnLrndOffsData	_f32	
Nama	Actual Value	Expected Value	Poculé
Name PegAgAn Abelt-HwPoent vi2 Cet M Ige	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	-
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc		·	•
	0	0	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0 0 1	0 0 1	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0 0 1 -32.8900986	0 0 1 -32.8900986	•
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0 0 1 -32.8900986 1153.71375	0 0 1 -32.8900986 1153.71375	•
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING	•
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING	0
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904	•
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729	0
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFitCnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HxTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitVellLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sstinit_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_enum	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HxtrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HtvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sitnit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -204.515305	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -204.515305	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_Sitnit_Cnt_M_enum PsaAgAn_Sitnit_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0	0	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionnTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1	
PsaAgAn_AbstIthwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1 -1396.42285	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1 -1396.42285	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionnTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1	
PsaAgAn_AbstIthwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1 -1396.42285 279.27951	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1 -1396.42285 279.27951	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RestEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stinit_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxSrc	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967113 334.382874 -33.7756653 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1 -1396.42285 279.27951 0	0 0 1 -32.8900986 1153.71375 0 1 PSAAGAN_PROCESSING 1 -5.33967066 334.382904 -33.7756729 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -204.515305 -879.100586 0 1 -1396.42285 279.27951 0	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	337.292633	337.292633 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	541.807983	541.807983	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	842.761597	842.761597 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Name Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn ComputedOffs Uls M str.MaxOffset	-1611.07495
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1244.33118
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
saAgAn_EscProc_Cnt_M_lgc	1
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.66900015
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-234.638
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.700200021
saAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-558.033508
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0714000016
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	134.540802
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
saAgAn_ResetEsc_Cnt_M_lgc	0
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
saAgAn_StInit_Cnt_M_lgc	0
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-1490.29651
saAgAn_UsedOffs_Uls_M_str.MinOffset	145.606201
saAgAn_UsedOffs_Uls_M_str.MaxSrc	1
saAgAn_UsedOffs_Uls_M_str.MinSrc	1
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
_PsaAgAn_EpsPrec_HwDeg_f32	1
PsaAgAn_MinPrecFail_HwDeg_f32	2
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	32768
PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	32768

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Input Value





Name	Input Value		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1328.44153		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1557.95715		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	146		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8613.44336		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	159		
target PsaAqArbn Per1 EscAckFromSerlCom Cnt Iqc.value	1		
target_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Igc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	323.756195		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.7677994		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.59119987		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	104.928703		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-99.9909973		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.748300016		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	191.886703		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.35589981		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	220.142105		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	142258187		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPreci	sion HwDeg f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnVld Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosn HwDeg f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw[
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCultiWechintit	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
$target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	ty_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	Roouli
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1611.07495	-1611.07495	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1244.33118	1244.33118	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.80624533	-5.80624533	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	3.12661743	3.12661743	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-527.318054	-527.318054	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•
	_	0	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0		
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc		0	-
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0 0 PSAAGAN_MODININ		•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	0 0 PSAAGAN_MODININ 1	0 PSAAGAN_MODININ 1	
PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	0 0 PSAAGAN_MODININ	0 PSAAGAN_MODININ	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	672.345154	672.345154	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.748300016	0.748300016 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	191.886703	191.886703 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.27 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn AgArbnOffsFlt Cnt M lgc	1
PsaAgAn ComputedOffs UIs M str.MaxOffset	1197.96313
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-710.058228
PsaAgAn ComputedOffs UIs M str.MaxSrc	0
PsaAgAn ComputedOffs UIs M str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-6.1875
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1155.65295
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	17.6277008
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-753.977112
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-31.9169006
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1533.1073
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1

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PsaAgArbn_Per1



			10.00
Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t PsaAgAn AbsltHwAuthyY Uls u1p15[1]	31264 24897		
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	13956		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	403		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-316.933289		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-426.411804		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	223 382.277802		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	226		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-852.496399		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.0648003		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.92250001		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	659.318481		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	768.331177		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.256799996		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	890.7995		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.869899988		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	385.782898		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse		Cnt Igo	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_ target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target PsaAgArbn Per1 AbsltHwPosn Hwl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechI	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos	_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC	om_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	•	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthoritarget_PsaAgArbn_Per1_HandwheelPosition		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNIII_132 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1197.96313	1197.96313	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-710.058228	-710.058228	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 Dead can proceeding	1	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	PSAAGAN_PROCESSING 1	PSAAGAN_PROCESSING 1	
Psaagan_eschoc_ont_w_gc Psaagan_hwTrqLPF_uis_m_str.SV_uis_f32	1.90709019	1.9070909	
g			

655.869995

655.869995

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32

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Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	18.3795776	18.3795776	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-31.9169006	-31.9169006	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1533.1073	-1533.1073	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	750.595215	750.595215 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	782.512085	782.512085	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.256799996	0.256799996 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	890.7995	890.7995 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				· ·
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	•

Test Step 4.28 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	810.914978
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-734.575195
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.18149996
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1054.77075
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.440499991
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-616.07489
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.864400029
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-222.074493
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1641.38025
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	678.030518
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001

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Name	Input Value		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20		
	8		
_ 0 _ 1 _ 0_	1		
	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630 0		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0		
_ 0 _ 7 1 17	0		
_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] _PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t PsaAgAn AbsitHwPosnPrecX HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	17.4552994		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-810.325317		
target Pim PsaAgArbnLrndOffsData.MaxSrc	0		
· ·	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	141		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8190.59375		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	205		
	0		
0 _ 0	0		
	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	361.718994		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	17.0480995 -6.79500008		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	590.912292		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-996.486084		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target PsaAgArbn Per1 SensorlessHwPos HwDeg f32.value	1287.86414		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.124399997		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	141.458405		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
0 = = = 0 0 = = 0 = 0 = 0 = 0 = 0 = 0 =	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	0_	
	target_PsaAgArbn_Per1_AgArbnStToSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedCumMechM target_PsaAgArbn_Per1_AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target PsaAgArbn Per1 EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	, _ ,		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
rarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL			
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	ı_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC		
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeedValid_ target_PsaAgArbn_Per1_VehicleSpeed_Kph_		
KRINGLING INSLAN FRAMINILFRAMINITELL VEHICLERUEU NUI 132	targot_roangnibit_relit_verildeopeed_kpri	_102	
	target Pim PsaAgArbnI rndOffsData		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData Actual Value	Expected Value	Resul
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	target_Pim_PsaAgArbnLrndOffsData Actual Value 0	Expected Value	Resul





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	810.914978	810.914978	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-734.575195	-734.575195	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.03380966	-6.03380966	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-329.847351	-329.847382	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-87.3788452	-87.3788452	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-996.486084	-996.486084	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1641.38025	-1641.38025	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-734.575195	-734.575195	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	191.491638	191.491638	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1287.86414	1287.86414 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-996.486084	-996.486084 ± 1e-05	~
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	1	1	✓

Test Step Call Trace ✓					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
RecommendedState	1	RecommendedState	1	~	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~	
SwitchOffs	1	SwitchOffs	1	-	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-	

Test Step 4.29 (Repeat Count = 1)		~
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-109.731003	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-955.003906	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-9.89999962	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.863600016	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-920.630371	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.716700017	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	169.084595	
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.863600016	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1395.83826	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	





Name	Input Value
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	690.234802
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	817.206482
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	0
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1521.82275
target_Pim_PsaAgArbnLrndOffsData.MinOffset	871.887573
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7227.70605
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	239
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1175.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.633899987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.409000009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	169.109604
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	915.017029
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.27610001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1055.87561
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	272.420685
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0	0	~
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-109.731003	-109.731003	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-955.003906	-955.003906	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN POWERCUT	PSAAGAN POWERCUT	~
PsaAgAn EscProc Cnt M Igc	0	0	~
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-0.997146606	-0.997147381	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-139.613708	-139.613708	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	167.202301	167.202301	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	690.234802	690.234802	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	817.206482	817.206482	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1521.82275	-1521.82275	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	871.887573	871.887573	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-753.720642	-753.720642	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.27610001	0.27610001 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1055.87561	1055.87561 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Fest Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.30 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1294.79871	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1583.94568	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.82490015	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.00410000002	





PSAAYAIDII_PELI	(MAC)(M)
Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	662.17041
PsaAgAn_MtrVeiLPF_Uls_M_str.K_Uls_f32	0.3028
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-758.195984
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.00410000002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	923.079224
PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	682.327881 971.423279
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
:_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
	20
 _PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
	20
	2
 _PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
 _PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
c_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
c_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
c_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
c_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
c_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
c_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
c_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0 10
:_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] :_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_rsaAgAri_AbsitHwPosriPrecX_nwDeg_u16p0[2] :_PsaAgAr_AbsitHwPosrPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1553.54956
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	106.636398
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
arget Pim PsaAgArbnLrndOffsData.MinSrc	1
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	163
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9324.97949
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	119
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1558.10596
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	2.16079998
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.57620001
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	95.3551025
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-901.868774
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.344900012
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	657.186707
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.53270006
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	469.79071
arget Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc target PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg f32
arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnPrecision_hwbeg_ arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc
arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnVid_Cnt_igc arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosn_HwDeg_f32	target PsaAgArbn Peri AbsithwPosn HwDeg f32
arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitmwPosn_nwDeg_is2 arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbn5t105encom_Cht_enum arget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	
arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCurriwleCriwitiPosStatus_ arget_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32
ardet Rie Inst ad Psaadardn Psaadardn Peri Cummechinirpossiatus Chr IIII	
	target PsaAgArbn Per1 EscAckFromSerlCom Cnt lqc
<pre>iarget Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0 iarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc iarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I</pre>	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw	target_PsaAgArbn_Per1_EscPrecisionFro	mSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho	ority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPositi	ion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwN	m_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrF	RadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwD	eg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSe	erlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldT	oSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAutho	ority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPo	os_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF	_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVa	llid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_K	ph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	0	0	✓
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	✓
PsaAgAn AgArbnOffsFlt Cnt M lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1294.79871	-1294.79871	✓
PsaAgAn ComputedOffs Uls M str.MinOffset	1583.94568	1583.94568	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN INIT	PSAAGAN INIT	✓
PsaAgAn EscProc Cnt M Igc	0	0	✓
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-5.79455566	-5.79455566	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	490.538757	490.538727	✓
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-755.587646	-755.587646	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	682.327881	682.327881	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	971.423279	971.423279	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-826.87561	-826.87561	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.344900012	0.344900012 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	657.186707	657.186707 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntolVarXY u16 u16Xu16Y Cnt	1	Intnl\/arXY_u16_u16Xu16Y_Cnt	1	_

Test Step 4.31 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0





Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.849304
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1054.49695
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	5.56269979
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.7051
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-397.094391
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.734700024
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	300.145691
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.7051
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1405.79468 0
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ
PsaAgAn StInit Cnt M Igc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1262.87256
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1405.33691
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	15.3879004
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] t PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	10 25
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	-979.90448
target Pim PsaAgArbnLrndOffsData.MinOffset	1214.00464
target Pim PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	61
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	2108.37891
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	132
target PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	744.536804
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.3535995
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.15240002
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1053.49182
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2481.76294
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.486600012
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-792.155029
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.93370008
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	228.303802
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Record (Application of the Control of $	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwI	Deg f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC	om_Cnt_lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	gc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	g_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ty_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc	0	0	~
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.849304	598.849304	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1054.49695	1054.49695	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	~
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.40271711	-3.40271711	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-879.349609	-879.349609	*
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	122.606812	122.606812	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ 0	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	1	·
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1262.87256	1262.87256	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1405.33691	1405.33691	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_Igc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	-1334.10474	-1334.10474	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.486600012	0.486600012 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-792.155029	-792.155029 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓



Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.32 (Repeat Count = 1)	1 (1)
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	927.203674
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1402.16833
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.01020002
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.112800002
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-966.871582
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-586.737122
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.112800002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-288.90741
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn ResetEsc Cnt M lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	1258.13403
PsaAgAn_UsedOffs_UIs_M_str.MinOffset	1396.02014
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime_uS_u32)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrgRatio HwNmpMtrNm f32	18.9200001
:emineyeriqitade_rimtiiipiidiriii_ioz :_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
:_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
:_PsaAgAn_EpsPrec_HwDeg_f32	1
	2
x_PsaAgAn_MinPrecFail_HwDeg_f32	1630
x_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	
x_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
x_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
x_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
x_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
x_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
x_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
x_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
x_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
x_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-245.330505
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	700.139526
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	0





Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	222		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3927.66895		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	21		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1 0		
target PsaAqArbn Per1 EscOffsEna Cnt Iqc.value	0		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	1444.11646		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.2297001		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.09160042		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1134.79883		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2783.99756		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	582.348511		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.62230015		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	140.024506		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	2657067664 target PsaAgArbn Per1 AbsltHwPosnLvl1 (Ont lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_(-·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnPrecision_HwDeg_	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 \\$	target_PsaAgArbn_Per1_CumMechMtrPosSt	atus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Psa$	target_PsaAgArbn_Per1_EscDataVldFromSe	rlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
		- ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_ target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	/_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	Cot las	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	torget Dealartha Dari VehicleSpeed Kah	_Crit_igc	
	target_PsaAgArbn_Per1_VehicleSpeed_Kph	- - v	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	<u>f</u> 32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	target_Pim_PsaAgArbnLrndOffsData Actual Value	f32 Expected Value	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0	Expected Value	Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0	Expected Value 0 0	•
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1	Expected Value 0 0 1	~
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674	Expected Value 0 0 1 927.203674	~
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833	Expected Value 0 0 1 927.203674 -1402.16833	\ \ \
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2	Expected Value 0 0 1 927.203674 -1402.16833 2	~
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833	Expected Value 0 0 1 927.203674 -1402.16833 2 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0	Expected Value 0 0 1 927.203674 -1402.16833 2	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_ResetEsc_Cnt_M_lgc	target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sltnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_LM_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_EscOffset_Cnt_M_enum PsaAgAn_EscOffset_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	target_Pim_PsaAgArbnLmdOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sltinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOrfcSt_Cnt_M_enum PsaAgAn_EscOrfc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0 1630	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0 1630	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_EscOrfo_Cnt_M_lgc PsaAgAn_EscOrfo_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MinOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOrfcSt_Cnt_M_enum PsaAgAn_EscOrfc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0 1630 -1630	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0 1630 -1630	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0 1630 -1630 0	Expected Value 0 0 1 927.203674 -1402.16833 2 0 PSAAGAN_DEFECT 0 5.35778189 1130.80566 -531.639404 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 1258.13403 1396.02014 2 0 1630 -1630 0	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1327.07715	-1327.07715	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	582.348511	582.348511 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

est Step 4.33 (Repeat Count = 1)	Innuit Value
lame	Input Value
saAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	1
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
saAgAn_ComputedOffs_Uls_M_str.MaxOffset	1235.31836
saAgAn_ComputedOffs_Uls_M_str.MinOffset	186.005905
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
saAgAn_ComputedOffs_Uls_M_str.MinSrc	0
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT
saAgAn_EscProc_Cnt_M_lgc	0
saAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-5.63670015
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	168.175995
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.169
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	405.407806
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1047.05762
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
saAgAn_ResetEsc_Cnt_M_lgc	0
saAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
saAgAn_StInit_Cnt_M_lgc	0
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-581.943726
saAgAn UsedOffs Uls M str.MinOffset	303.961212
saAgAn_UsedOffs_Uls_M_str.MaxSrc	1
saAgAn UsedOffs UIs M str.MinSrc	0
tte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrgRatio HwNmpMtrNm f32	18.9200001
PsaAgAn AbsHwPosLvl1 HwDeg f32	20
PsaAgAn AbsHwPosLvl2 HwDeg f32	8
_PsaAgAn_EpsPrec_HwDeg_f32	1
_rsaAgAn_MinPrecFail_HwDeg_f32	2
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
_rsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630
PsaAgAn OffsDataInitMinSrc Cnt u08	0
_FsaAgAn_OffsetPolarity_HwDeg_f32	-1
_rsaAgAn_OnserPolanty_nwbeg_tsz PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
_PsaAgAn_VehCondMinTi_mS_u32	200
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] PsaAgAn AbsitHwAuthyY Uls u1p15[2]	32768 0





PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 186.005905 186.005905 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.65339279 9.65339279 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stinit_Cnt_M_lgc 1 1	<u> </u>			
Caselyth Anti-threemProxI. Tables, 116(0)	Name	Input Value		
Casalysis Assistation Process (1902) 10 10 10 10 10 10 10 1	t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
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Enablanch Abstehreichseine (Morbe unt 6000) 1979 197				
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Single ParkyAntr Part Algorectometed with Personal Cort Juli Value 105	· ·			
		0		
	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	165		
Serial Parks/Arth Part Exclusive/TromperCorn Crit (povalue)	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-10109.0498		
Seage Paraglythm Pert Exchize Section	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	77		
		1		
Seege PapaAghon Pert Ear-Ordinary Indicates 10,02999				
Issage PapaAytho Perf. Merived Enterior Mercol				
1869 PanagAnth Pert Mercine				
1208.0513				
Large, PasAgAnte, Pert, Semetres Authority, Us. 52. value Large, PasAgAnte, Pert, Semetres Authority, Us. 52. value Large, PasAgAnte, Pert, Semetres Authority, Us. 52. value Large, PasAgAnte, Pert, Torque/Croffeet, MinNer, 122 value Large, PasAgAnte, Pert, VerieleSpeed, MinNer, 122 value Large, Ris, Mint, A. PasAgAnte, Pert, VerieleSpeed, Pert, MinNer, 122 value Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, AlestHerbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Alestherbenn, 117. cit. joc Large, Ris, Mint, A. PasAgAnte, Pert, Large, Mint, Mint, Mint, Mint, Mint, Mint, Mint, Mint, Min				
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target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_TorqueCmdCRF_MtrNm_i32 target_PsaAgArbn_Perl_TorqueCmdCRF_MtrNm_i32 target_PsaAgArbn_Perl_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Perl_VehicleSpeed_Kph_i32 target_PsaAgArbn_Perl_VehicleSpeed_Kph_i32 target_PsaAgArbn_Perl_VehicleSpeed_Kph_i32 variety = Inst_Ap_PsaAgArbn_PsaAgArbn_PsaAgArbn_MolfsData Actual Value Expected Value Result Name Actual Value Expected Value Result PsaAgAn_AgArbnOffsFilt_Ort_M_lgc 0 0 0 0 PsaAgAn_AgArbnOffsFilt_Ort_M_lgc 0 0 0 0 0 PsaAgAn_AgArbnOffsFilt_Ort_M_lgc 0	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn.PsaTyPehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.PsaTyPehicleSpeed_Kph_f32 target_PsaAgArbn.PsaTyPehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Pim_PsaAgArbn.ImdOffsData target_PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn.Per1_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Result PsaAgAn_AbsItHwPosnLvi2_Cnt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFitUcdt_Cnt_M_Igc 1 1 1 PsaAgAn_AgArbnOffsFitUcnt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFitUcnt_M_Igc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_istr_MaxOffset 1235.31836 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_istr_MinOffset 186.005905	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_PsaAgArbn.Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData target_Pim_PsaAgArbnLmdOffsData Name Actual Value Expected Value Result PsaAgAn_AgArbnOffsFILDetd_Cnt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFIL_Cnt_M_Igc 0 0 0 PsaAgAn_AgArbnOffsFIL_Cnt_M_Igc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1235.31836 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 186.005905 186.005905 186.005905 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 0 PsaAgAn_EscProc_Cnt_M_lgc 0 0 0 PsaAgAn_EscProc_Cnt_M_lgc 0 0 0 PsaAg		0 - 0	_	
Name Actual Value Expected Value Result PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc 0 0 0 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 1 1 1 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 0 0 0 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1235.31836 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 186.005905 186.0		0 - 0		
Name Actual Value Expected Value Result PsaAgAn_AbsItHwPosnLv/2_Cnt_M_lgc 0 0 0 PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 1 1 1 PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1235.31836 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 186.005905 186.005905 186.005905 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT 9 PsaAgAn_EscProc_Cnt_M_lgc 0 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.65339279 9.65339279 9.65339279 PsaAgAn_PrevSnsrMod_Cnt_Menum PSAAGAN_MODREL PSAAGAN_MODREL 9 PsaAgAn_RelHwPosnToSeriCom_HwDeg_M_f32 -1143.31494 -1143.31494 -1143.31494 PsaAgAn_RelHwPosnToSeriCom_Cnt_M_lgc 1 <td></td> <td></td> <td>_132</td> <td></td>			_132	
PsaAgAn_AbsithwPosnLvi2_Cnt_M_igc 0 0 0 PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc 1 1 1 PsaAgAn_AgArbnOffsFitL_Cnt_M_igc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MlaxOffset 1235.31836 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 186.005905 186.005905 186.005905 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PSAAGAN_EscOffsSt_Cnt_M_igc 0 0 PsaAgAn_EscOffsSt_Cnt_M_igc 0 0 0 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.65339279 9.65339279 9.65339279 9.65339279 9.6523923 9.6523923 9.6523923 9.6523923 9.6523923 9.6523923 9.6523923 9.6523923 9.6523923 9.6523927 9.6523927 9.6523927 9.6523927 9.6523927 9.6523927 9.6523927 9.6523927 9.6523927 9.6523927 9			Provided Malor	D
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc 1 1 PsaAgAn_AgArbnOffsFit_Cnt_M_igc 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 186.005905 186.005905 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_igc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.65339279 9.65339279 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 -68.2230835 -68.2230835 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_ResetEsc_Cnt_M_igc 1 1 PsaAgAn_ResetEsc_Cnt_M_igc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL			•	Resul
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc 0 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1235.31836 1235.31836 1235.31836 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset 186.005905 186.005905 186.005905 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 1 1 1 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.65339279 9.65339279 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stinit_Cnt_M_lgc <t< td=""><td></td><td></td><td></td><td></td></t<>				
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset 1235.31836 1235.31836 PsaAgAn_ComputedOffs_UIs_M_str.MinOffset 186.005905 186.005905 PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 1 1 PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 9.65339279 9.65339279 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stinit_Cnt_M_lgc 1 1	0 = 0 = = = 0			
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset 186.005905 186.005905 PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 1 1 PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 9.65339279 9.65339279 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1				
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 1 1 PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 9.65339279 9.65339279 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_RestEsc_Cnt_M_lgc 1 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 1				•
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_POWERCUT PSAAGAN_POWERCUT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 9.65339279 9.65339279 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stinit_Cnt_M_lgc 1 1				
PsaAgAn_EscProc_Cnt_M_lgc 0 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 9.65339279 9.65339279 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1		0	0	•
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 9.65339279 9.65339279 PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1	PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	•
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32 -68.2230835 -68.2230835 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1				
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 110.43869 110.43866 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 1 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 1				•
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 1				•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -1143.31494 -1143.31494 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1				•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1		_	_	•
PsaAgAn_ResetEsc_Cnt_M_Igc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_StInit_Cnt_M_Igc 1 1				
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PsaAgAn_StInit_Cnt_M_lgc 1				
PsaAgAn_StInit_Cnt_M_lgc 1 1				
0 = = = = 0		_	_	
		-581.943726	-581.943726	-





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	303.961212	303.961212	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1004.32367	-1004.32373	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.91900003	0.91900003 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-381.984894	-381.984894 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1143.31494	-1143.31494 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	✓	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
RecommendedState	1	RecommendedState	1	✓	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•	
SwitchOffs	1	SwitchOffs	1	•	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 4.34 (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
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-329.191986
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1583.70325
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.25029993
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.236900002
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-616.732178
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	162.234802
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.236900002
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1283.83948
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	12.5365
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1027.16663
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

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PsaAgArbn_Per1



Name	Input Value		
_ 0 _ /_ 0_	1		
_ 0 _ = _	0.5		
_	0.0099999978		
	0.69999988		
_ 0	200		
_ 0	32768		
	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
_ 0 1 11	0		
	10		
_ 0	25		
	1679 1440.53601		
target Pim PsaAgArbnLrndOffsData.MinOffset	-983.980225		
· ·	0		
	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	93		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2451.50562		
3 3 2 1 3 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1	101		
0 = 0 = = = = = = = = = = = = = = = = =	1		
3 2 1 3 1 2 1 2 1 1 1 1 1 1 2 2 2 3 1 1 1	0		
0 = 0 = = = = = = = = = = = = = = = = =	-1448.2583		
	13.3865995		
target PsaAgArbn Per1 HwTorque HwNm f32.value	-2.06430006		
	-613.33728		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	750.936523		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
<u> </u>	-1324.75317		
	-4.46810007		
3 3 2 1 3 1 2 1 2 1 1 1 1 1 1 2 1 2 3 1 1 1 1	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	304.583893 3871616201		
	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_(Ont lac	
	target PsaAgArbn Per1 AbsltHwPosnLvl2 (— -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	:nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum$	target_PsaAgArbn_Per1_AgArbnStToSerlCor	m_Cnt_enum	
	target_PsaAgArbn_Per1_AlignedCumMechM		
	target_PsaAgArbn_Per1_AlignedRelHwPos_	· · · · · · · · · · · · · · · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0itarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_CumMechMtrPosSt target_PsaAgArbn_Per1_EscAckFromSerlCo		
	target PsaAgArbn Per1 EscOffsEna Cnt Ig		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	y_Uls_f32	
•	target_PsaAgArbn_Per1_HwTorque_HwNm_		
	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
	target_PsaAgArbn_Per1_RelHwPos_HwDeg_ target_PsaAgArbn_Per1_RelHwPosnToSerlC	_	
	target PsaAgArbn Per1 RelHwPosnVldToSe		
	target_PsaAgArbn_Per1_SensorlessAuthority	·	
	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
	target_Pim_PsaAgArbnLrndOffsData		
Name			Resul
	Actual Value	Expected Value	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	Actual Value	0	•
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	Actual Value 0 0	0	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	Actual Value 0 0 0	0 0 0	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	Actual Value 0 0 0 -329.191986	0 0 0 -329.191986	•
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	Actual Value 0 0 0	0 0 0	•
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	Actual Value 0 0 0 -329.191986 -1583.70325	0 0 0 -329.191986 -1583.70325	•
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	Actual Value 0 0 0 -329.191986 -1583.70325 0	0 0 0 -329.191986 -1583.70325 0	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	Actual Value 0 0 0 -329.191986 -1583.70325 0 1	0 0 0 -329.191986 -1583.70325 0	0





Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-613.34375	-613.34375	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	103.28566	103.28566	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	12.5365	12.5365	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1027.16663	1027.16663	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-519.851563	-519.851563	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1324.75317	-1324.75317 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	✓	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
RecommendedState	1	RecommendedState	1	✓	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•	
SwitchOffs	1	SwitchOffs	1	•	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 4.35 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-590.997986
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-195.792496
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.86600018
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-907.307495
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	295.052795
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.0151000004
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1405.79468
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	814.77417
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-906.712524
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn





		(<u></u>
Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvi2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	0		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	144.519699		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	183.525803		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	61		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2108.37891		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	132		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	744.536804		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	19.3535995		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-7.15240002		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1053.49182		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2481.76294		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.486600012		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-792.155029		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.93370008		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	228.303802		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3561146654		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_Rte_InstAp_Rte$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	itrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-590.997986	-590.997986	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-195.792496	-195.792496	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.65432215	6.65432215	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1053.21411	-1053.21411	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	291.327637	291.327637	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	·
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	814.77417	814.77417	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-906.712524	-906.712524	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	860.743347	860.743347 ± 1e-05	·
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	45.9691772	45.9691772	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.486600012	0.486600012 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-792.155029	-792.155029 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	•
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.36 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-74.5108032
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1483.61011
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.899699986
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-116.682503
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	259.193909
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.659500003
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1381.27319
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1





Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-211.204605
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-351.286987
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	500
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_vehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k PsaAgAn VehCondMinTi mS u32	200
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768
t PsaAgAn AbsitHwAuthyY Uls u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	311.366699
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-610.381775
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	68
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-1116.15503
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	189
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1366.49426 18.2625999
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	2.9835
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-381.978912
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2778.07935
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.104900002
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1032.47644
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	4.85540009
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	54.3914986
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum$	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 in the property of th$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_RescParace and the property of th$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	Larget_1 3arg/hibit_Fett_ItelliwF03H103eH0UHI_FWDeg_132





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-74.5108032	-74.5108032	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1483.61011	1483.61011	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	-
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.27396607	2.27396607	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-381.474854	-381.474854	-
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	150.807556	150.807571	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	-
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-211.204605	-211.204605	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-351.286987	-351.286987	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	70.0411911	70.0411911 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	281.245789	281.245789	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.104900002	0.104900002 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1032.47644	1032.47644 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace ✓				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.37 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-827.982605	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1603.48462	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	1	





Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.9453001
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1201.90564
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.719399989
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-482.56369
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1317.96362
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1041.90393
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-412.327393
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	386.435791
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1068.63464
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1210.91931
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	50
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3018.82813
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	182
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-812.461121
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	5.1420002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.80000019
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	146.715302
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2506.83447
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.126200005
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	558.386292
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-6.75509977
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	213.472
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	target_PsaAgArbn_Per1_EscDatavidFromSerlCom_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ic	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f	target_PsaAgArbn_Per1_EscOffsFromSerICo	om HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw[
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target PsaAgArbn Per1 MtrVelCRF MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target PsaAgArbn Per1 RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target PsaAgArbn Per1 SensorlessAuthorit		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos_	· 	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	0	0	- Nosuit
	1	1	
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	1	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	818.603149	818.603149	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset			
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	806.319092	806.319092	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	1	1	Y
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.78148365	-5.78148413	V
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	442.801758	442.801727	Y
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-134.269501	-134.269516	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	Y
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1041.90393	1041.90393	Y
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-412.327393	-412.327393	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	*
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1068.63464	1068.63464	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1210.91931	1210.91931	*
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	727.115662	727.115662 ± 1e-05	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	*
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-314.788269	-314.788269	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	4	4	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.126200005	0.126200005 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	558.386292	558.386292 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~



Part	Test Step 4.38 (Repeat Count = 1)	√
Pacipacy Approximation Cost My 195 1 Pacipacy Completion Let My 195 Marketine 231 825709 3		Innut Value
Parkylan Aychtoficial Cost No. 1		•
Panalyse, Computation, List, 1gt Annothers		
Paulyto Computations U.S. Les Marciaco		1
Piesage	PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-231.826706
Paulgan Estrictor CM June 2011 Paulgan Estrictor CM June 2012 Paulgan Estrictor CM June 2012	PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1306.5697
Pauly Escriber Cur M. Juris	PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	
Pasalgate Patring E. Juli, M. ans V. Us. 102 7.9550015 Pasalgate Patring E. Juli, M. ans V. Us. 102 7.9550015 Pasalgate Patring E. Juli, M. ans V. Us. 102 7.9550015 Pasalgate Anthroniz E. Juli, M. ans V. Us. 102 7.9550015 Pasalgate Anthroniz E. Juli, M. ans V. Us. 102 7.9550016 Pasalgate Patring E. J		·
PanAgos NorTeLPF Us M str V Us 12		_
Peaglagh Mirvet FF Us M. art X Us 52 138 6916		
Panaghan, Mirveller, Duit, Nar KU, Us. 52 2017/999		
PasAgon NoverLeft Us M at K Us 52 52 53510519 PasAgon Printing PC, Us M, and X Us 52 53510519 PasAgon Printing PC, Us M, and X Us 52 53510519 PasAgon Printing PC, Us M, and X Us 52 544.5755 PasAgon Revision Total Total		
PABAJAN_PINOTICEP_UILM_Lark_UIL_DID_20		
PANADAN_MODORAL PANADAN_REWINDONESCHOON_UNE_MID PANADAN_UNEROWERAN_WINDONESCHOON_UNE_MID PANADAN_UNEROWERAN_WINDONESCHOON_UNE_WINDONESCHOON_UNE_MID PANADAN_UNEROWERAN_WINDONESCHOON_UNE_WINDONESCHOON_UNE_MID PANADAN_UNEROWERAN_WINDONESCHOON_UNE_W		636.109619
Paagan, Relinformit/Selection (LM, ligo 1 Paagan, Resistance (LM, ligo 0 Paagan, Shint, Chil, Migo 0 Paagan, Shint, Chil, Migo 1 Paagan, Shint, Chil, Migo 1 Paagan, Shint, Chil, Migo 1 Paagan, UserCoff, Chil, Might 1 Paagan, UserCoff, William, UserCoff, Chil, Might 1 Paagan, UserCoff, William, UserCoff, Chil, Might 1 Paagan, UserCoff, William, UserCoff, Willia	PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PiaAgon Bether Com Virt George Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon PiaAgon Bether Com () PiaAgon Bether Com () PiaAgon PiaAgo	PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PaulyAnd, Stretch, CM, M, pic PaulyAnd, Stretch, CM, M, pic PaulyAnd, Stretch, CM, M, pic PaulyAnd, Stretch, LM, pic PaulyAnd, Stretch, LM, pic PaulyAnd, Liberd CM, LM, pic PaulyAnd, Liberd PaulyAndron	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	
PAAQAN_SINCLUM_SIS PAAQAN_SINCLUM_SIS PAAQAN_SINCLUM_SIS PAAQAN_SINCLUM_SIS PAAQAN_SINCLUM_SIS MASORE 1 1888.9136 PAAQAN_SINCLUM_SIS MASORE PAAQAN_SINCLUM_SIS MASORE PAAQAN_SINCLUM_SIS MASORE 1 PAAQAN_SINCLUM_SIS MASORE 2 PAAQAN_SINCLUM_SIS MASORE 2 PAAQAN_SINCLUM_SIS MASORE 3 PAAQAN_SINCLUM_SIS MASORE 4 PAAQAN_SINCLUM_SIS MASORE 5 PAAQAN_SINCLUM_SIS MASORE 5 PAAQAN_SINCLUM_SIS MASORE 5 PAAQAN_SINCLUM_SINCLUM_SINCLUM_SIS MASORE 5 PAAQAN_SINCLUM_SINCLUM_SINCLUM_SINCLUM_SINCLUM_SIS MASORE 5 PAAQAN_SINCLUM_SIN		
PanAgni, Nami Cri, M. Jig. PanAgni, Nami Crifest PanAgni, Nami Crifest 1588 8916 PanAgni, Nami Crifest 1598 8916 8916 PanAgni, Nami Crifest 1598 8916 8916 891		
Paadyan Leed Offs U.M. Ast Max Offset 1508 89196 Paadyan Leed Offs U.M. Ast Max Offset 1508 89196 Paadyan Leed Offs U.M. Ast Max Offset 1508 89196 Paadyan Leed Offs U.M. Ast Max Offset 1508 89196 Paadyan Leed Offs U.M. Ast Max Offset 1508 89196 Paadyan Leed Offs U.M. Ast Max Offset 1508 89196 Paadyan Leed Offs U.M. Ast Max Offset 1509 89196 Ric Call Ap Paadyahtin System Time Dirme Elapsed Time U.M. Ast Max Offset 1509 89196 Ric Call Ap Paadyahtin System Time Dirme Elapsed Time U.M. Ast Max Offset 1509 89196 Ric Call Ap Paadyahtin System Time Dirme Elapsed Time U.M. Ast Max Offset 1509 89196 Ric Call Ap Paadyahtin System Time Dirme Elapsed Time U.M. Ast Max Offset 1500 89196 Ric Call Ap Paadyahtin System Time Dirme Elapsed Time U.M. Ast Max Offset 1500 89196 Ric Call Application Ast Max Offset Call Application	· · ·	_
Pada/An Usefolfer, Use M Minkoffeet		
Paadyan_Lisectific_Us_Nts_Marksics		
PaaAgAn UsedOffs Use M st Ministr Ric Intl App PaaAgArth SystemTime DimnElapsedTime US u32(ElapsedTime) Ric PaaAgArth SystemTime Use U32(ElapsedTime) Ric PaaAgArth SystemTime U32(ElapsedTime) U32(ElapsedTime) Ric PaaAgArth U32(ElapsedTime) U32(ElapsedTime)		
Rib. Cail A.P. PasAgAfton SystemTime DimmeElapsedTime _us_u32 ElapsedTime larget_Rib. Cail _A.P. PasAgAfton SystemTime DimmeElapsedTime _us_u32 ElapsedTime larget_Ribintert_A.P. PasAgAfton Ribintert_A.P. PasAgAfton Ribint	0	
K. PsaAgAn, AbstrivPocLvI HvDog, 132 2 2 2 2 2 3 3 3 3	Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
K. PsaAgAn, Absth-Vool,VZ. HwDeg, I32 1 1 1 1 1 1 1 1 1	k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
K. PsaAgAn, EspFrec, HwDeg, 132 1 K. PsaAgAn, Min'PrecFail, HwDeg, 132 1630 K. PsaAgAn, OffsDatainiMaxSrb, Chru, U68 0 K. PsaAgAn, OffsDatainiMinSrb, Chru, U68 0 K. PsaAgAn, VehCondMaxMirVel, MirRadpS, 132 0.5 K. PsaAgAn, VehCondMaxMirVel, MirRadpS, 132 0.699999988 0 K. PsaAgAn, VehCondMaxMirVel, MirRadpS, 132 0.699999988 0 K. PsaAgAn, VehCondMaxMirVel, MirRadpS, 132 0.699999988 0 K. PsaAgAn, VehCondMird, U68 0 K. PsaAgAn, Abath-Wauffy, U68 0 K. PsaAgAn, Abath-	k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	
K, PsaAgAn, OffsbalaniMAsoffs, HwDeg_f32 1630 K, PsaAgAn, OffsbalaniMAsoffs, Crit_u08 0 K, PsaAgAn, OffsbalaniMAsoffs, Crit_u08 0 K, PsaAgAn, OffsbalaniMAsoffs, HwDeg_f32 -1 K, PsaAgAn, OffsbalaniMAsoffs, Crit_u08 0 K, PsaAgAn, VericondMasdrivTe, LwNem_f32 0.5 K, PsaAgAn, VericondMasdrivTe, LwNem_f32 0.009999999978 K, PsaAgAn, VericondMasdrivTe, LwNem_f32 0.0099999988 K, PsaAgAn, AberthwAuthyY, Uls_utp15(1) 22 L, PsaAgAn, AberthwAuthyY, Uls_utp15(1) 32768 L, PsaAgAn, AberthwAuthyY, Uls_utp15(2) 0 L, PsaAgAn, AberthwAuthyY, Uls_utp15(3) 0 L, PsaAgAn, AberthwPosiPrecX, HwDeg_ut6p0(1) 0 L, PsaAgAn, AberthwPosiPrecX, HwDeg_ut6p0(2) 25 L, PsaAgAn, AberthwPosiPrecX, HwDeg_ut6p0(2) 25 L psaAgAn, AberthwPosiPrecX, HwDeg_ut6p0(2) 25 L psaAgAnthuRoffsbala Masoff 10 L psaAgAnthuRoffsbala Masoff		
K. PsaAgAn, OffsDataIniMinkasis: Cnt_U08 0 K. PsaAgAn, OffsDataIniMinkasis: Cnt_U08 0 K. PsaAgAn, OffsDataIniMinks: Cnt_U08 0 K. PsaAgAn, OffsDataIniMinks: Cnt_U08 0 K. PsaAgAn, ChronodMashVirel, HwNer, IS2 0.5 K. PsaAgAn, VenCondMashVirel, MirRadps, IS2 0.00999999978 K. PsaAgAn, VenCondMashVirel, MirRadps, IS2 0.89999988 K. PsaAgAn, VenCondMashVirel, MirRadps, IS2 0.89999988 K. PsaAgAn, VenCondMashVirel, July IS2 20 K. PsaAgAn, VenCondMashVirel, July IS3 20 L. PsaAgAn, Abelth-Waltry, Uls_up15[0] 32788 L. PsaAgAn, Abelth-Waltry, Uls_up15[3] 0 L. PsaAgAn, Abelth-Waltry, Uls_up15[3] 10 L. PsaAgAn, Abelth-Waltry, Uls_up15[4] 15		
K, PsaAgAn, OffsDataintMinOrfs_HwDeg_G32 -1630 K, PsaAgAn, OffselPolarity, HwDeg_f32 -1 K, PsaAgAn, OffselPolarity, HwDeg_f32 -1 K, PsaAgAn, VehCondMaxHvTq, HwNin, f32 0.5 K, PsaAgAn, VehCondMaxHvTq, HwNin, f32 0.0999999988 K, PsaAgAn, VehCondMaxVenSpd_Kph, f32 0.699999988 K, PsaAgAn, VehCondMinT, Fish, f32 2.0 K, PsaAgAn, VehCondMinT, Fish, f32 2.0 L, PsaAgAn, AbsHrWAuthy Uls_up15(9) 32768 L, PsaAgAn, AbsHrWAuthy V, Uls_up15(2) 0 L, PsaAgAn, AbsHrWAuthy V, Uls_up15(2) 0 L, PsaAgAn, AbsHrWAuthy V, Uls_up15(2) 0 L, PsaAgAn, AbsHrWPosnPrecX, HwDeg_uf6p0(2) 0 L, PsaAgAn, AbsHrWPosnPrecX, HwDeg_uf6p0(2) 25 L, PsaAgAn, AbsHrWPosnPrecX, HwDeg_uf6p0(3) 1679 Largel, Pim, PsaAgArbnt-md0fsData MinOffset 248,5457 Largel, Pim, PsaAgArbnt-md0fsData MinOffset 248,5457 Largel, Pim, PsaAgArbnt-md0fsData MinOffset 113,15002 Largel, Pim, PsaAgArbnt-md0fsData MinOffset 152,15002 Largel, PisaAgArbnt, Perf LafignedCumMechMirPosStatus_Cn_u08 value 152,15002 Largel, PsaAg		
K, PsaAgAn_OffserblaintMinSrc_Cnt_u08 0 K, PsaAgAn_Offserblaint, HwDe_152 -1 K, PsaAgAn_Offserblaint, HwDe_152 0.5 K, PsaAgAn_VelCondMaxMirVel_MinRadpS_132 0.00999999978 K, PsaAgAn_VelCondMaxMirVel_MinRadpS_132 0.00999999988 K, PsaAgAn_VelCondMaxIvelbopt_Kph_152 3 K, PsaAgAn_VelCondMaxIvelbopt_Kph_152 3 K, PsaAgAn_AbstlthwolthyY_Us_u1p15[0] 32768 L_PsaAgAn_AbstlthwolthyY_Us_u1p15[2] 0 L_PsaAgAn_AbstlthwolthyY_Us_u1p15[2] 0 L_PsaAgAn_AbstlthwolthyY_Us_u1p15[2] 0 L_PsaAgAn_AbstlthwPosnPrecX_HwDeg_u16p0[1] 10 L_PsaAgAn_AbstlthwPosnPrecX_HwDeg_u16p0[2] 25 L_PsaAgAn_AbstlthwPosnPrecX_HwDeg_u16p0[2] 25 L_PsaAgAn_AbstlthwDosnPrecX_HwDeg_u16p0[3] 1079 LargeL_Pim_PsaAgArbnLmdOffSplata MinGret 248.5457 LargeL_Pim_PsaAgArbnLmdOffSplata MinGret 248.5457 LargeL_Pim_PsaAgArbn_Per1_AlignedCumMechMirPosSlatus_Cnt_u08 value 112.112002 LargeL_PsaAgArbn_Per1_AlignedCumMechMirPosSlatus_Cnt_u08 value 121.112002 LargeL_PsaAgArbn_Per1_EscoKerFromSeriCom_Cnt_ligc_value 1 L		
K, PsaAgAn, OffsetPolarity_HwDeg_132 1 K, PsaAgAn, VehCondMaxHvTrQ_HwNm_132 0.5 K, PsaAgAn, VehCondMaxHvTrQ_HwRapS_132 0.0999999978 K, PsaAgAn, VehCondMaxVehSpd_Kh_132 3 K, PsaAgAn, VehCondMaxVehSpd_Kh_132 20 K, PsaAgAn, AbcHordwalthrTm_B_U32 200 L, PsaAgAn, AbsHitwAuthry_Us_u1p15[0] 32768 L, PsaAgAn, AbsHitwAuthry_Us_u1p15[2] 0 L, PsaAgAn, AbsHitwAuthry_Us_u1p15[3] 0 L, PsaAgAn, AbsHitwPosnPrex_HwDeg_u16p0[0] 0 L, PsaAgAn, AbsHitwPosnPrex_HwDeg_u16p0[1] 10 L, PsaAgAn, AbsHitwPosnPrex_HwDeg_u16p0[1] 10 L, PsaAgAn, AbsHitwPosnPrex_HwDeg_u16p0[3] 1679 Larget_Pim_PsaAgArbnLmdOffsData MaxSrc 1 Larget_Pim_PsaAgArbnLmdOffsData MaxSrc 1 Larget_Pim_PsaAgArbnLmdOffsData MaxSrc 1 Larget_Pim_PsaAgArbn.Per1_AlignedCumMechMirPosStatus_Cnt_u08 value 143 Larget_PsaAgArbn.Per1_AlignedCumMechMirPosStatus_Cnt_u08 value 1512.15002 Larget_PsaAgArbn.Per1_EscDataVidFromSertCom_Cnt_Loc value 1 Larget_PsaAgArbn.Per1_EscDataVidFromSertCom_Cnt_Loc value 1 Larget_PsaAgArbn.Pe		
k, PsaAgAn_VehCondMaxMirVel_MtrRadpS_f32 0.00999999978 k, PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 k, PsaAgAn_VehCondMaxVehSpd_Kph_f32 3 k, PsaAgAn_Abstlt-woltmy*_Us_utp15[0] 32768 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[1] 32768 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[1] 32768 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[2] 0 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[3] 0 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[3] 0 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[3] 0 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[3] 10 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[3] 10 L*PsaAgAn_Abstlt-woltmy*_Us_utp15[3] 1679 target_Pm_PsaAgArbn_MolffoShat MaxOffset 83.1557007 target_Pm_PsaAgArbn_MolffoShata Minoffset 248.5457 target_Pm_PsaAgArbn_Pert_Abbt_MolffoShata Minoffset 248.5457 target_PsaAgArbn_Pert_Abbt_MolffoShata Minoffset 13 target_PsaAgArbn_Pert_Abbt_MolffoShata Minoffset 1512.15002 target_PsaAgArbn_Pert_EschofformSeriCom_Cnt_Ugo-value 1512.15002 target_PsaAgArbn_Pert_EschofformSeriCom_Cnt_Ugo-value 1 target_PsaAgArbn_Pert_Escho		-1
k_PsaAgA_VehCondMaxPinTrq_HwNm_[32 0.699999988 k_PsaAgAn_VehCondMixTen_Bu_32 200 t_PsaAgAn_AbsithwAuthyY_Us_utp15[0] 32768 t_PsaAgAn_AbsithwAuthyY_Us_utp15[1] 32768 t_PsaAgAn_AbsithwAuthyY_Us_utp15[2] 0 t_PsaAgAn_AbsithwAuthyY_Us_utp15[3] 0 t_PsaAgAn_AbsithwAuthyY_Us_utp15[3] 0 t_PsaAgAn_AbsithwPosnPrex_HwDeg_ut6p0[1] 10 t_PsaAgAn_AbsithwPosnPrex_HwDeg_ut6p0[1] 10 t_PsaAgAn_AbsithwPosnPrex_HwDeg_ut6p0[3] 1679 t_PsaAgAn_AbsithwPosnPrex_HwDeg_ut6p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset 83.1557007 target_Pim_PsaAgArbnLmdOffsData_MaxSrc 1 target_Pim_PsaAgArbnLmdOffsData_MixSrc 1 target_Pim_PsaAgArbn_Perl_AlignedCumMechMtrPosStatus_Cnt_u08 value 143 target_PsaAgArbn_Perl_AlignedRelHwPos_HwDeg_132 value 1512.15002 target_PsaAgArbn_Perl_EscAfronSeriCom_Cnt_Igc_value 1 target_PsaAgArbn_Perl_EscAfronSeriCom_Cnt_Igc_value 1 target_PsaAgArbn_Perl_EscAfronSeriCom_HwDeg_132 value 1295.02075 target_PsaAgArbn_Perl_EscPecisionFronSeriCom_HwDeg_132 value 1299.998	k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
K, PsaAgAn_VehCondMaxVehSpd_Kph_132 3 K, PsaAgAn_VehCondMintT_mS_u32 200 L, PsaAgAn_AblothwAuthyY_Uls_urpt5[0] 32768 L, PsaAgAn_AbstithwAuthyY_Uls_urpt5[2] 0 L, PsaAgAn_AbstithwAuthyY_Uls_urpt5[2] 0 L, PsaAgAn_AbstithwAuthyY_Uls_urpt5[3] 0 L, PsaAgAn_AbstithwPosnPrecX_HwDeg_urpt0[0] 0 L, PsaAgAn_AbstithwPosnPrecX_HwDeg_urpt0[0] 1 L, PsaAgAn_AbstithwPosnPrecX_HwDeg_urpt0[0] 25 L, PsaAgAn_AbstithwPosnPrecX_HwDeg_urpt0[0] 25 L, PsaAgAn_AbstithwPosnPrecX_HwDeg_urpt0[0] 1679 target_Pim_PsaAgArbnLmdOffsData_MaxOffset 83.1557007 target_Pim_PsaAgArbnLmdOffsData_MinSrc 1 target_Pim_PsaAgArbnLmdOffsData_MinSrc 1 target_PsaAgArbn_Per1_AlignedCumMechMtPosStatus_Cnt_u08 value 143 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_132 value 1512.15002 target_PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSeriCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_132 value 1295.02075 target_PsaAgArbn_Per1_EscOffsFromSeriCom_HwDeg_132 value 1298.198978	k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMinTi_mS_u32 200 t_PsaAgAn_AbstlthwAuthy_Uis_u1p15[0] 32768 t_PsaAgAn_AbstlthwAuthy_Uis_u1p15[1] 32768 t_PsaAgAn_AbstlthwAuthy_Uis_u1p15[2] 0 t_PsaAgAn_AbstlthwAuthy_Uis_u1p15[3] 0 t_PsaAgAn_AbstlthwPosnPrecX_HwDeg_u16p0[0] 0 t_PsaAgAn_AbstlthwPosnPrecX_HwDeg_u16p0[1] 10 t_PsaAgAn_AbstlthwPosnPrecX_HwDeg_u16p0[2] 25 t_PsaAgAn_AbstlthwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData MaxOffset 83.1557007 target_Pim_PsaAgArbnLmdOffsData MaxSrc 1 target_Pim_PsaAgArbnLmdOffsData Minoffset -248.5457 target_Pim_PsaAgArbnLmdOffsData Minoffset -248.5457 target_Pim_PsaAgArbnLmdOffsData Minoffset -125.500 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 value 143 target_PsaAgArbn_Per1_LignedRelHwPos_HwDeg_f32.value 152.15002 target_PsaAgArbn_Per1_EscOtafromSeriCom_Cnt_loc.value 1 target_PsaAgArbn_Per1_EscOtafromSeriCom_Cnt_loc.value 1 target_PsaAgArbn_Per1_EscOtafromSeriCom_HwDeg_f32.value 1295.02075 target_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_f32.value		
L**PSAAQAn_Absith*Wauthy*** Uls_u1p15[0] 32768 L**PSAAQAn_Absith*Wauthy*** Uls_u1p15[2] 0 L**PSAAQAn_Absith*Wauthy*** Uls_u1p15[3] 0 L**PSAAQAn_Absith*WosnPrex*** HwDeg_u16p0[0] 0 L**PSAAQAn_Absith*WosnPrex*** HwDeg_u16p0[0] 10 L**PSAAQAn_Absith*WosnPrex*** HwDeg_u16p0[1] 10 L**PSAAQAn_Absith*WosnPrex*** HwDeg_u16p0[3] 1679 L**PSAAQAn_Absith*WosnPrex*** HwDeg_u16p0[3] 1679 Larget*** Pim_PSAAQArbnLmdOffSData MaxOffset 83.1557007 Larget*** Pim_PSAAQArbnLmdOffSData MinOffset -248.5457 Larget*** Pim_PSAAQArbnLmdOffSData MinOffset -248.5457 Larget*** Pim_PSAAQArbnLmdOffSData MinOffset 1 Larget*** Pim_PSAAQArbn*** Per*** LignedCoumMechMtrPosStatus** Cnt_u08 value 143 Larget*** PSAAQArbn*** Per*** LignedCoumMechMtrPosStatus** Cnt_u08 value 1512.15002 Larget*** PSAAQArbn*** Per*** LignedCoumMechMtrPosStatus** Cnt_u08 value 1 Larget*** PSAAQ		
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L PsaAgAn_AbsithwAuthyY_Uls_urjn5[2] 0 L PsaAgAn_AbsithwAuthyY_Uls_urjn5[3] 0 L PsaAgAn_AbsithwPosnPrecX_HwDeg_url6p0[0] 0 L PsaAgAn_AbsithwPosnPrecX_HwDeg_url6p0[1] 10 L PsaAgAn_AbsithwPosnPrecX_HwDeg_url6p0[2] 25 L PsaAgAn_AbsithwPosnPrecX_HwDeg_url6p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MsxOffset 83.1557007 target_Pim_PsaAgArbnLmdOffsData_MinOffset -248.5457 target_Pim_PsaAgArbnLmdOffsData_MinSrc 1 target_Pim_PsaAgArbnLmdOffsData_MinSrc 0 target_Pim_PsaAgArbn_Port_AlignedCumMechMtrPosStatus_Cnt_u08.value 1512.15002 target_PsaAgArbn_Pert_AlignedCumMechMtrPosStatus_Cnt_u08.value 95 target_PsaAgArbn_Pert_EscAgkFromSertCom_Cnt_lgc.value 1 target_PsaAgArbn_Pert_EscAgkFromSertCom_Cnt_lgc.value 1 target_PsaAgArbn_Pert_EscAgartin_Pert_EscAgartin_Pert_EscAgartin_Pert_EscAgartin_Pert_EscAgartin_Pert_EscAgartin_Pert_EscPrecisionFromSertCom_HwDeg_132.value 1295.02075 target_PsaAgArbn_Pert_HwTorque_HwNm_132.value -5.9829998 target_PsaAgArbn_Pert_MirkaqbS_132.value -5.9829998 target_PsaAgArbn_Pert_MirkaqbS_132.value -2293.16431 target_PsaAgArbn_Pert_Nert_Melly		
L PsaAgAn_AbsilthwAuthyY_Uls_u1p15[3] 0 L PsaAgAn_AbsilthwPosnPrecX_HwDeg_u16p0[0] 0 L PsaAgAn_AbsilthwPosnPrecX_HwDeg_u16p0[1] 10 L PsaAgAn_AbsilthwPosnPrecX_HwDeg_u16p0[2] 25 L PsaAgAn_AbsilthwPosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData_MinOffset 248.5457 target_Pim_PsaAgArbnLmdOffsData_MinOffset 248.5457 target_Pim_PsaAgArbnLmdOffsData_MinSrc 1 target_Pim_PsaAgArbn_MolffsData_MinSrc 0 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 1512.15002 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value 95 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_Igc.value 1295.02075 target_PsaAgArbn_Per1_HwTorque_HwHm_f32.value 1.5982998 target_PsaAgArbn_Per1_MitrPorque_HwHm_f32.value 1.59829998 target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value 2293.16431 target_PsaAgArbn_Per1_SensorlessA		
L PsaAgAn Abstlth/PosnPrecX_HwDeg_u16p0[0] 0 L PsaAgAn Abstlth/PosnPrecX_HwDeg_u16p0[1] 10 L PsaAgAn Abstlth/PosnPrecX_HwDeg_u16p0[2] 25 L PsaAgAn Abstlth/PosnPrecX_HwDeg_u16p0[3] 1679 target_Pim_PsaAgArbnLmdOffsData MaxOffset 83.1557007 target_Pim_PsaAgArbnLmdOffsData.MinOffset -248.5457 target_Pim_PsaAgArbnLmdOffsData.MinSrc 1 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 143 target_PsaAgArbn_Per1_AlignedRellhwPos_HwDeg_132.value 1512.15002 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 95 target_PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVidFromSeriCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscDataVidFromSeriCom_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscDfsFromSeriCom_HwDeg_132.value 18.8003998 target_PsaAgArbn_Per1_EscPrecisionFromSeriCom_HwDeg_132.value 15.9829998 target_PsaAgArbn_Per1_MtrVeiCRF_MtrRadps_132.value 1248.18567 target_PsaAgArbn_Per1_MtrPwDeg_132.value 1248.18567 target_PsaAgArbn_Per1_SensoriessAuthority_Uls_132.value 12		
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target_Pim_PsaAgArbnLmdOffsData.MaxOffset 83.1557007 target_Pim_PsaAgArbnLmdOffsData.MinOffset -248.5457 target_Pim_PsaAgArbnLmdOffsData.MaxSrc 1 target_Pim_PsaAgArbnLmdOffsData.MinSrc 0 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 143 target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value 1512.15002 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value 95 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 1 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value 0 target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value -1295.02075 target_PsaAgArbn_Per1_EscOffsEna_Cnt_HvDeg_f32.value 18.8003998 target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value -5.9829998 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value -1248.18567 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value 2293.16431 target_PsaAgArbn_Per1_SensorlessAuthorly_Uis_f32.value 38.4477005 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value 38.4477005 target_PsaAgArbn_Per1_VehicleSpeed_Valid_Cnt_lgc.value 0.752699971 target_PsaAgArbn_Per1_Vehicle	t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
target_Pim_PsaAgArbnLmdOffsData.MinOffset target_Pim_PsaAgArbnLmdOffsData.MaxSrc target_Pim_PsaAgArbnLmdOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscDefserlCom_HwDeg_f32.value target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value -5.9829998 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPog_f32.value target_PsaAgArbn_Per1_SensorlessHwPog_f32.value target_PsaAgArbn_Per1_SensorlessHwPog_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value 498.029114	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_	_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegater (App_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegater (App_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegater (App_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegater (App_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDegater (App_PsaAgArbn_$	target_PsaAgArbn_Per1_AbsltHwPosnPrec	ision_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hwl	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enu	m target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	_ , _ , ,		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u	0 - 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I	•	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg		_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hv target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscPrecisionFrom target PsaAgArbn Per1 HandwheelAuthori		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f3		, - -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	2 target_PsaAgArbn_Per1_HandwheelPositio target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDe			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cni			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target PsaAgArbn Per1 VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	,	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	~
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0	0	✓
PsaAgAn AgArbnOffsFlt Cnt M Igc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1314.82117	1314.82117	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1275.22034	1275.22034	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-5.98560953	-5.98560953	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1312.42346	-1312.42346	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	9.45098877	9.45098877	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1332.60645	1332.60645	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1558.89136	-1558.89136	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	V
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	83.1557007	83.1557007	V
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-248.5457	-248.5457	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	V
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	V
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc.value	0	0	- 4
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1445.7489	1445.7489 ± 1e-05	- 4
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	V
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	113.142456	113.142456	V
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	*
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	38.4477005 0	38.4477005 ± 0.00001 0 ± 1e-05	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0 ± 1e-05	-
target_i sanghibit_reli_iteli iwrosiivid i oselicolli_citt_ige.value	V	V	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.39 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFit_Cnt_M_igc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-794.705994
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	225.226395
	0
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN INIT
PsaAgAn EscProc Cnt M Igc	0
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-6.95100021
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	1058.77185
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.998099983
	-687.805176
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDog_M_f32	PSAAGAN_MODABSLT -626.966492
PsaAgAn_RelHwPosnVidToSoriCom_Cnt_M_loc	-626.966492 1
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	i e
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1487.70593
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-476.309814 -
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	536.888672
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-373.125
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target Pim PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	139

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target DeaAgArbn Der1 AlignedDelHurDea HurDea f22 value	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5964.04736		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	140		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-877.408325		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.8092003		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.86539984		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-459.628296		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1202.66003		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.808399975		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-6.69990015		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	152.199203		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_(Ont lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_(
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	trPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	target_PsaAgArbn_Per1_CumMechMtrPosSt	atus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_IgEscDataVldFr$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ic .	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	target_PsaAgArbn_Per1_EscOffsFromSerICo	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessAuthority target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
rendering were real real real real real real real r	tangot_r oar igrabit_r or i_romoloopooarana_	Cnt lac	
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 VehicleSpeed Kph f32	target PsaAgArbn Per1 VehicleSpeed Kph		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_VehicleSpeed_Kph_ target_Pim_PsaAgArbnLrndOffsData		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	<u>f</u> 32	Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	target_Pim_PsaAgArbnLrndOffsData Actual Value	_f32 Expected Value	Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0	Expected Value	~
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value	_f32 Expected Value	Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0	Expected Value 0 0	~
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0	Expected Value 0 0 -794.705994	~
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -794.705994	Expected Value 0 0 0	*
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -794.705994 225.226395	Expected Value 0 0 -794.705994 225.226395	***
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -794.705994 225.226395 0	Expected Value 0 0 0 -794.705994 225.226395 0	0
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -794.705994 225.226395 0 1	Expected Value 0 0 0 -794.705994 225.226395 0 1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT	Expected Value 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslithwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852	Expected Value 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286	Expected Value 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317	0
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769	Expected Value 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HxtrQlF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnTOSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_ResetEsc_Cnt_M_lgc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 1-1487.70593	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerICom_Ent_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_NusedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Stinit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MinOffset	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HstrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxSrc target_Pim_PsaAgArbLrndOffsData.MaxSrc target_Pim_PsaAgArbLrndOffsData.MinSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLv11_Cnt_lgc.value	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0 0	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLmdOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxSrc target_Pim_PsaAgArbLrndOffsData.MaxSrc target_Pim_PsaAgArbLrndOffsData.MinSrc	target_Pim_PsaAgArbnLrndOffsData Actual Value 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743286 -120.975769 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0	Expected Value 0 0 0 -794.705994 225.226395 0 1 PSAAGAN_INIT 0 6.83914852 -456.743317 -120.975746 PSAAGAN_MODREL 1202.66003 1 0 PSAAGAN_MODREL 1 -1487.70593 -476.309814 0 1 1630 -1630 0	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.808399975	0.808399975 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1185.68164	1185.68164 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1202.66003	1202.66003 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	•

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-793.931519
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1426.70361
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.06730008
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-224.168304
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.593800008
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	676.283691
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	565.619873
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-53.8044014
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1418.12878
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
<pre><_PsaAgAn_AbsHwPosLvI1_HwDeg_f32</pre>	30
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
<pre>x_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08</pre>	0
<pre>c_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32</pre>	-1630
c_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
<pre>c_PsaAgAn_OffsetPolarity_HwDeg_f32</pre>	-1
x_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
<pre><_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32</pre>	0.0099999978
<pre><_PsaAgAn_VehCondMaxPinTrq_HwNm_f32</pre>	0.69999988
<pre><_PsaAgAn_VehCondMaxVehSpd_Kph_f32</pre>	3
<pre>c_PsaAgAn_VehCondMinTi_mS_u32</pre>	200
 _PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
 _PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
: PsaAgAn AbsItHwAuthyY Uls u1p15[3]	0

t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]

2018-03-03, 17:42:20+0530

0

Input Value





L_FSAAgAII_ADSILI IWFOSIIFIECX_TIWDEG_UTOPO[O]			
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-148.689697		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1407.40698		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	131		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4623.05518		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	184		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-646.939209		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	25.5165005		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	3.36229992		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-398.126892		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-132.9021		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.398799986		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	688.407715		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.9993		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	80.1115036		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	1576935450		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_(Cnt_lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	дс	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 MtrVelCRF MtrRadpS f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target PsaAgArbn Per1 RelHwPosnToSerl0	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target PsaAgArbn Per1 SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	·	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target PsaAgArbn Per1 TorqueCmdCRF M		
		_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-793.931519	-793.931519	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1426.70361	-1426.70361	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
			•
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT 0	
PsaAgAn_EscProc_Cnt_M_lgc	0		
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	3.3617394	3.3617394	•
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-327.464905	-327.464905	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-108.650269	-108.65023	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-132.9021	-132.9021	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-53.8044014	-53.8044014	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1418.12878	1418.12878	•





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-815.06427	-815.06427	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.398799986	0.398799986 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	688.407715	688.407715 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-132.9021	-132.9021 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				_
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.41 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1009.64618
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1055.03711
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1.
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	9.8451004
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.44600001
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-87.3874969
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.700999975
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-690.376282
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.44600001
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1599.18518
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1383.97668
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	452.920013
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	9.45779991
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

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PsaAgArbn_Per1



		• • • • • • • • • • • • • • • • • • • •	0
Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	200		
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679 1297.21729		
target Pim PsaAgArbnLrndOffsData.MinOffset	-1381.24133		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	70		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	750.398987		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	94		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0		
target_PsaAgArbn_Per1_EscOnsPromSerlCom_HwDeg_132.value	-833.791077 16.3924007		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91949987		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	1144.89453		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-3185.52173		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1027.33032		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	2.08789992		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	136.093307 170336531		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerIC	om_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwError = 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1$	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_132 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPos_HwDeg target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ftrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	I	-
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	
PsaAgAn AgArbnOffsFltDetd Cnt M lgc		0	
PsaAgAn AgArbnOffsElt Cnt M Igc		1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str_MaxOffset	1	851.183472	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1 851.183472	851.183472	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1		
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1 851.183472 816.398682	851.183472 816.398682	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1 851.183472 816.398682 2	851.183472 816.398682 2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 851.183472 816.398682 2 2	851.183472 816.398682 2 2	





Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	776.442139	776.4422	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-367.936188	-367.936188	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1383.97668	1383.97668	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	452.920013	452.920013	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	465.52832	465.52832 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-918.448364	-918.448364	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1027.33032	1027.33032 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

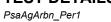
Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	✓	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
RecommendedState	1	RecommendedState	1	✓	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•	
SwitchOffs	1	SwitchOffs	1	•	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Test Step 4.42 (Repeat Count = 1)	▼
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-649.05249
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	304.200897
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.44630003
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.709999979
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	597.606384
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-843.718323
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.709999979
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	506.064301
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	72.6340027
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	115.175201
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

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	Input Value
_ ,	18.9200001
_ 0 0_	20
_ , ,	8
_ 0 _ 1 _ 0_	2
_ 0 0 _	1630
_ 0 0_	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
	0.0099999978
_ 0	0.69999988
	3
	200
_ 0 _ / 1	32768 32768
_ 0 _ / 1	0
_ 0 _ / 1	0
_ 0 _ 7 _ 1 11	0
_ 0 5_ 1.17	10
	25
	1679
	722.239319
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1019.8017
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-2814.17651
	65
0 = 0 = = = = = = = = = = = = = = = = =	0
0 - 0	1
0 = 0 = = = = = 0	1
	-1235.88135 18.0182991
	4.43179989
	-174.668793
	660.287415
	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1401.12085
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-7.13430023
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.609314
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3829140069
	target_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
· · - · · - · - · - · - · - ·	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_CummecnmtrPosStatus_Cnt_uu8 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
	target PsaAgArbn Per1 EscOffsEna Cnt Igc
	target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32
	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32
	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc
Annual Die last As Dankakas D. A.A.L. D. 4 M. C. C. C. C. C. C.	
	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Peri_veniciespeed_kpn_rs2 target_Pim_PsaAgArbnLrndOffsData Actual Value Expected Value Resul





Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-649.05249	-649.05249	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	304.200897	304.200897	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	5.01600504	5.01600504	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-173.201416	-173.201462	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-337.368225	-337.368225	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	660.287415	660.287415	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	72.6340027	72.6340027	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	115.175201	115.175201	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	566.382813	566.382813	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1401.12085	1401.12085 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	660.287415	660.287415 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.43 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1185.28809
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	928.970276
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-3.49819994
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-92.1917038
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.736599982
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-390.101807
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-362.694397
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1





Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1 -992.132996
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset	-196.06055
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	2
PsaAgAn UsedOffs Uls M str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	0
k_PsaAgAn_EpsPrec_HwDeg_f32	1 2
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3 200
k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	200 32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset target Pim PsaAgArbnLrndOffsData.MinOffset	-1169.10486 -150.359299
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	240
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3287.83887
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	91
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeq_f32.value	1
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	-360.213989 28.3966999
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.23659992
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-732.558716
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-454.057495
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	868.447876
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.89699996
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	160.991699 1262548183
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtiminElapsedTime_uS_usz_Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc	target PsaAgArbn Per1 AbsitthwPosnLvl2 Cnt Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0itarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSeriCom_Cnt_gc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1_EscDataVldFromSeriCom_Cnt_lg	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32
	target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32 target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32





Name	Input Value		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1185.28809	1185.28809	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	928.970276	928.970276	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.21810389	6.21810341	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-563.886047	-563.886047	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	41.3065796	41.3065948	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-992.132996	-992.132996	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1066.06055	-1066.06055	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1169.10486	-1169.10486	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-150.359299	-150.359299	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	36.9637756	36.9637756 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1029.0968	1029.0968	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	868.447876	868.447876 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 4.44 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1599.84436	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1114.26831	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-4.74520016	





PSAAYAIDII_PETT	
Name	Input Value
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-140.947403
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	131.212296
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1546.20557
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1324.3064
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	399.61911
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
c_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_ 0 0_	20
:_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	30
c_PsaAgAn_EpsPrec_HwDeg_f32	1
c_PsaAgAn_MinPrecFail_HwDeg_f32	2
<_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
c_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
c_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
c_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
c_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
c_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
c_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
c_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
c_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
:_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
:_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	1596.31458
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	597.779724
0 = = 0	2
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	1
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	70
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-8434.18555
0 - 0	74
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	721.927795
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	21.6128006
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.02340031
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-147.593903
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2571.32886
arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.203199998
arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	171.876907
arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.14480019
arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	371.765198
$arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse$	3187624358
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
arget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg f32	
	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsFromSerIC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDeg		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target PsaAgArbn Per1 SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	· - -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target PsaAgArbn Per1 TorqueCmdCRF M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target Rte Inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
	0	0	Result
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc			
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1599.84436	-1599.84436	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1114.26831	-1114.26831	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.99913979	7.99913979	~
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	-147.581268	-147.581268	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	162.064301	162.064285	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1324.3064	-1324.3064	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	399.61911	399.61911	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1596.31458	1596.31458	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	597.779724	597.779724	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	462.343658	462.343658	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.203199998	0.203199998 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	171.876907	171.876907 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 4.45 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0





7 Starting 11517_1 St 1	
Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	590.207092
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	90.7249985
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.77509975
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-323.571899
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	381.795502
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1559.88147
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	21.5925007
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	553.691101
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	19.6597004
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[1]	10
t PsaAqAn AbsitHwPosnPrecX HwDeq u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1677.23389
target Pim PsaAgArbnLrndOffsData.MinOffset	1275.32166
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	182
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	1832.09888
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	192
target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0
target_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_lgc.value	1
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-453.929901
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	4.90229988
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.66540003
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	916.383728
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-448.690887
target_PsaAgArbn_Per1_ReinwPos_nwDeg_isz.value target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.189700007
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1579.93152
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-0.886600018
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	387.038391
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc

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Name	Input Value		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosn HwDeg f32	target PsaAgArbn Per1 AbsltHwPosn HwI	Dea f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum		-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	- ·-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target PsaAgArbn Per1 MtrVelCRF MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	· -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg		-	
	· - ·		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	I=	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	590.207092	590.207092	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	90.7249985	90.7249985	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_Igc	1	1	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.64366341	-1.64366293	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	914.02771	914.027771	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-17.6794128	-17.6794186	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-448.690887	-448.690887	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	21.5925007	21.5925007	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	553.691101	553.691101	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-736.332642	-736.332703	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.189700007	0.189700007 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1579.93152	1579.93152 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-448.690887	-448.690887 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	-
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.46 (Repeat Count = 1)	
lame	Input Value
saAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1170.55933
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1359.57666
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
saAgAn_EscProc_Cnt_M_lgc	0
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.37600005
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	-1136.82776
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.793299973
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	104.686996
saAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODFAIL
PsaAgAn_ReiHwPosnToSerlCom_HwDeg_M_f32	-789.679321
PsaAgAn_ReiHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1486.8949
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-623.402405
saAgAn UsedOffs Uls M str.MaxSrc	2
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTi	
Rte_Call_Ap_FsaAgArbn_SystemFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_u3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElapsedFille_BittillElapsedFille_U3_u32(LiapsedFille_BittillElaps	target Rte Inst Ap PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_cimisys11q1xatio_11wivinipiiitiviii_i32 _PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
	8
_PsaAgAn_AbsHwPosLvl2_HwDog_f32	1
_PsaAgAn_EpsPrec_HwDeg_f32	2
_PsaAgAn_MinPrecFail_HwDeg_f32	
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1285.91992
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	1135.43445
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	2





Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	163		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	213.674393 14.1703997		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	10		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-699.501099		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.56309998		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1323.25452		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.87489986		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4036353794		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVId_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AbsitHwPosn_HwD		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_l		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	С	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	m_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL$	$target_PsaAgArbn_Per1_EscPrecisionFromS$	erlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	$target_PsaAgArbn_Per1_HandwheelAuthority$	/_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnToSerlCtarget_PsaAgArbn_Per1_RelHwPosnVldToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1170.55933	-1170.55933	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1359.57666	1050 57000	
Dec A s A s Computed Offer I lie M et May Cre		1359.57666	•
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	V
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	2 1 PSAAGAN_DEFECT	2 1 PSAAGAN_DEFECT	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	2	2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	2 1 PSAAGAN_DEFECT 0	2 1 PSAAGAN_DEFECT 0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2 1 PSAAGAN_DEFECT 0 9.97838497	2 1 PSAAGAN_DEFECT 0 9.97838497	\(\frac{1}{2}\)
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL	0
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1486.8949	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1486.8949	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MinSrc	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1 -1285.91992	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1 -1285.91992	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Strint_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1 -1285.91992 1135.43445	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1 -1285.91992 1135.43445	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbInIrndOffsData.MaxOffset	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1 -1285.91992	2 1 PSAAGAN_DEFECT 0 9.97838497 -789.896545 158.889923 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1486.8949 -623.402405 2 1 -1285.91992	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1055.14868	1055.14868 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-431.746277	-431.746277	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.56309998	0.56309998 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1323.25452	-1323.25452 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

est Step 4.47 (Repeat Count = 1)	
me	Input Value
aAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	1
aAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
aAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
aAgAn_ComputedOffs_Uls_M_str.MaxOffset	425.068207
aAgAn_ComputedOffs_Uls_M_str.MinOffset	-1565.802
aAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
aAgAn_ComputedOffs_Uls_M_str.MinSrc	1
aAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
aAgAn_EscProc_Cnt_M_lgc	0
aAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.54050004
aAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
aAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1140.47986
aAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.935400009
aAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-235.278595
aAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
aAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
aAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1523.64746
aAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
AgAn_ResetEsc_Cnt_M_lgc	1
aAgAn SnsrMod Cnt M enum	PSAAGAN MODININ
aAgAn StInit Cnt M Igc	1
aAgAn_UsedOffs_Uls_M_str.MaxOffset	429.16571
aAgAn UsedOffs Uls M str.MinOffset	-1042.15356
aAgAn_UsedOffs_Uls_M_str.MaxSrc	1
aAgAn UsedOffs Uls M str.MinSrc	1
e_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
e_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrgRatio HwNmpMtrNm f32	18.9200001
PsaAgAn AbsHwPosLvI1 HwDeg f32	20
PsaAgAn AbsHwPosLvI2 HwDeg f32	8
PsaAgAn_Absnwr oscylz_nwbeg_loz PsaAgAn_EpsPrec_HwDeg_f32	1
	2
PsaAgAn_MinPrecFail_HwDeg_f32	1630
PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	0
PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	-1630
PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	
PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
PsaAgAn_OffsetPolarity_HwDeg_f32	-1
PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0
PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
PsaAgAn_VehCondMinTi_mS_u32	200
saAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
saAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768





Name	Input Value		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-662.50293		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	247.685501		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	198		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4588.6748		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	193		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	734.377319		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.3459997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-2.92619991		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-772.227722		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2270.36133		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.293500006		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-799.319885		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.74100018		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	30.4377003		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3001715770		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechM	ltrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	target_PsaAgArbn_Per1_CumMechMtrPosSt	atus_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc$	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Ignormation = 0.0000000000000000000000000000000000$	nt_li_target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	eg_f target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	-twL target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	<u>f</u> 32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	lpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	/_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	425.068207	425.068207	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1565.802	-1565.802	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-2.91771317	-2.91771317	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-648.666748	-648.666809	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-168.433167	-168.433167	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	429.16571	429.16571	~





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1042.15356	-1042.15356	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-662.50293	-662.50293	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	247.685501	247.685501	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	735.659668	735.659668 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	306.493896	306.493896	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.293500006	0.293500006 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-799.319885	-799.319885 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.48 (Repeat Count = 1)	V
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn ComputedOffs Uls M str.MaxOffset	861.893616
PsaAgAn ComputedOffs Uls M str.MinOffset	-721,249023
PsaAgAn ComputedOffs Uls M str.MaxSrc	2
PsaAgAn ComputedOffs Uls M str.MinSrc	2
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN DEFECT
PsaAgAn EscProc Cnt M Igc	1
PsaAgAn HwTrqLPF Uls M str.SV Uls f32	0.188999996
PsaAgAn HwTrqLPF UIs M str.K UIs f32	0.998099983
PsaAgAn MtrVeiLPF Uls M str.SV Uls f32	106.880402
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.121200003
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	345.333191
PsaAgAn PinionTrqLPF UIs M str.K UIs f32	0.998099983
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-1144.7948
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0
PsaAgAn ResetEsc Cnt M Igc	0
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODREL
PsaAgAn StInit Cnt M Igc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1470.07495
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	469.5849
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1

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1 3d/1g/11bl1_1 311			1-2-1-10-10
Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1521.30603		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1348.86011		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	101		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4036.03345		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	3		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value			
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-908.058777		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target PsaAgArbn Per1 HwTorque HwNm f32.value	23.7033005		
· - · ·	-9.2244997		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-385.170502 -3143.00757		
	0.666899979		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value			
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1403.88513 6.90579987		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_rsaAgArbn_ren_venicleSpeed.valid_cni_igc.value			
target_rsaAgArbit_rei1_veriiclespeeu_kpit_isz.value target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	208.583603		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc eg_ target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target PsaAgArbn Per1 AbsltHwPosn HwDeg f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom Hwl			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAuthor		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32		·	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNn		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target PsaAgArbn Per1 MtrVelCRF MtrRa	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPos HwDeg f32	target PsaAgArbn Per1 RelHwPos HwDe	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVali		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_	
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	0	0	Resu
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	1	
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	932.762085	932.762085	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	883.355469	883.355469	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-9.20661354	-9.20661354	
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	47.2438316	47.2438316	

47.2438316

47.2438316

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32

target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

 $target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value$

PsaAgArbn_Per1

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Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	121.858643	121.85865	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1470.07495	1470.07495	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	469.5849	469.5849	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	500.245026	500.245026 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-969.829956	-969.829956	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.666899979	0.666899979 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1403.88513	1403.88513 ± 0.00001	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

0

0 ± 1e-05

Test Step 4.49 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1.
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	155.520798
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	458.842407
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.74749994
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1146.10535
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.105899997
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-302.151703
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1316.84729
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	664.670471
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-346.154694
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001





Name	Input Value		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20		
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.347499996		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target Pim PsaAgArbnLrndOffsData.MaxOffset	83.8779984		
target Pim PsaAqArbnLrndOffsData.MinOffset	829.147705		
target Pim PsaAgArbnLrndOffsData.MaxSrc	2		
	1		
target_Pim_PsaAgArbn_Par1_AlignedCumMechMtrPosStatus_Cnt_u08_value	74		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value			
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	8667.39355		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	32		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	493.73111		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	15.6906004		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	7.10029984		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-508.5737		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1935.32715		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.86680001		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1395.35559		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	5.80140018		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	141.114502		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	3745617441		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCulliwleCrimitiFosStatus_	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	ouoo	
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AiignedReinwPos_nwDeg_io2 target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0		8	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	00	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I		yc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	200	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI		Jeg_t32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		_f32	
	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_ReiHwPosn1oSeriCom_HwDeg_ target_PsaAgArbn_Per1_ReiHwPosnVldToSeriCom_Cnt_	lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32		lgc	
	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32\\target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32	lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Pim_PsaAgArbnLrndOffsData		Result
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Pim_PsaAgArbnLrndOffsData Actual Value Expected		Result
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32 target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32 target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32 target_Pim_PsaAgArbnLrndOffsData		Result

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	155.520798	155.520798	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	458.842407	458.842407	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.09012938	7.09012938	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-1078.5907	-1078.5907	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	116.06665	116.066658	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	664.670471	664.670471	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-346.154694	-346.154694	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	83.8779984	83.8779984	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	829.147705	829.147705	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	•
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value	505.412598	505.412598 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-159.257904	-159.257904	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.86680001	0.86680001 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1395.35559	1395.35559 ± 0.00001	•
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.50 (Repeat Count = 1)		
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	234.228607	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-27.2514	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.42680001	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.996999979	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1305.75671	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.406899989	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-558.474304	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.996999979	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1395.83826	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	

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Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1538.76306
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-615.59552
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1616.84644
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1063.50562
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7227.70605
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	239
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1175.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.633899987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.409000009
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	169.109604
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	915.017029
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.27610001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1055.87561
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	8.80000019
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	272.420685
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	3846611823
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_P$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Cn$	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Iq$	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	234.228607	234.228607	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-27.2514	-27.2514	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0.412053466	0.412053436	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	843.255005	843.255005	•
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	164.728821	164.728851	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1538.76306	1538.76306	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-615.59552	-615.59552	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1616.84644	-1616.84644	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1063.50562	1063.50562	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1077.17932	1077.17932 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-461.583801	-461.583801	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.27610001	0.27610001 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1055.87561	1055.87561 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.51 (Repeat Count = 1)		<u> </u>
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-39.1763	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-420.722107	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.3664999	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	





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Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-120.744598
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1515.88611
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-506.53421
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	8.00879955
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k PsaAgAn OffsDataInitMinSrc Cnt u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.0099999978
k PsaAgAn VehCondMaxPinTrq HwNm f32	-3
k PsaAgAn VehCondMaxVehSpd Kph f32	3
	200
k_PsaAgAn_VehCondMinTi_mS_u32	
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	122.090599
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-874.687683
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	196
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7976.87793
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	15
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	139.103806
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.176200002
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	1.27310002
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2333.09912
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.181600004
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-176.625397
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-8.65530014
target PsaAgArbn Per1 VehicleSpeedValid Cnt lgc.value	-6.00000014
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	446.615692
0 = 0 = = 1 = 1 =	
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_IgEscDataVldFr$	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwError = 1.00 to 100 t$	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3.	2 target_PsaAgArbn_Per1_HandwheelPositio	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSer	ICom_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	_
PsaAgAn ComputedOffs Uls M str.MaxOffset	-39.1763	-39.1763	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-420.722107	-420.722107	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	_
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	~
PsaAgAn EscProc Cnt M Igc	0	0	
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	1.25478458	1.25478458	•
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	0	0	_
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	-162.405884	-162.405869	•
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODFAIL	PSAAGAN MODFAIL	_
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	0	0	~
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0	0	
PsaAgAn ResetEsc Cnt M Igc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODFAIL	PSAAGAN MODFAIL	~
PsaAgAn StInit Cnt M Igc	1	1	•
PsaAgAn UsedOffs Uls M str.MaxOffset	-506.53421	-506.53421	
PsaAgAn UsedOffs Uls M str.MinOffset	8.00879955	8.00879955	•
PsaAgAn UsedOffs Uls M str.MaxSrc	2	2	
PsaAgAn UsedOffs Uls M str.MinSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	•
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	249.262711	249.262711	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.181600004	0.181600004 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-176.625397	-176.625397 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 4.52 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	72.3514023
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	827.786926
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	4.34100008
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	139.035202
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODREL
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	538.645691
	1
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1553.86414
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1629.09375
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k PsaAgAn OffsDataInitMinSrc Cnt u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10
k_PsaAgAn_vehCondMaxVehSpd_Kph_f32	3
	200
k_PsaAgAn_VehCondMinTi_mS_u32	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1197.43506
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-923.89032
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	138
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	6668.71826
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	155
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	45.1954002
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	13.5023003
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.99919987
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	658.856323
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.869099975
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target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-471.036713 7.0420014
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.81260014
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	340.830811
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

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Name	Input Value		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enu	•	om Cnt enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target PsaAgArbn Per1 EscAckFromSerIC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hv			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target_PsaAgArbn_Per1_HandwheelAuthor		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	target_PsaAgArbn_Per1_RelHwPosnToSer	ICom_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	ity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc	0	0	
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	72.3514023	72.3514023	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	827.786926	827.786926	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN INIT	PSAAGAN INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-6.97765398	-6.9776535	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	140.811798	140.811813	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1553.86414	-1553.86414	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1629.09375	-1629.09375	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	37.6148071	37.6148071 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1591.479	1591.479	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.869099975	0.869099975 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-471.036713	-471.036713 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

T (0) (50 (D (4))	
Test Step 4.53 (Repeat Count = 1)	<u> </u>
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1607.18738
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	196.314102
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-2.58979988
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.565599978
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-823.600281
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.565599978
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-545.5755
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-357.496796
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-85.2954025
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	
	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_EpsPrec_HwDeg_f32 k_PsaAgAn_MinPrecFail_HwDeg_f32	
	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	1 2
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1 2 1630
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1 2 1630 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1 2 1630 0 -1630
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1 2 1630 0 -1630 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	1 2 1630 0 -1630 0 -1
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	1 2 1630 0 -1630 0 -1 0.5
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	1 2 1630 0 -1630 0 -1 0.5 0.00999999978
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	1 2 1630 0 -1630 0 -1630 0 -1 0.5 0.00999999978 6.87960005
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1 2 1630 0 -1630 0 -1630 0 -1 0.5 0.00999999978 6.87960005 3
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	1 2 1630 0 -1630 0 -1630 0 -1 0.5 0.00999999978 6.87960005 3 200
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsItHwAuthyY_UIs_u1p15[0]	1 2 1630 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	1 2 1630 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyy_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyy_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyy_Uls_u1p15[2]	1 2 1630 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	1 2 1630 0 -1630 0 -1630 0 -1 0.5 0.00999999978 6.87960005 3 200 32768 32768 0 0 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p16[0]	1 2 1630 0 -1630 0 -1630 0 -1 0.5 0.00999999978 6.87960005 3 200 32768 32768 0 0 0 0 0 0 0 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyy_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyy_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyy_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyy_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	1 2 1630 0 0 -1630 0 0 -1630 0 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	1 2 1630 0 0 -1630 0 0 -1630 0 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxVerlor_HwNm_f32 k_PsaAgAn_VehCondMaxVerlor_HwNm_f32 k_PsaAgAn_VehCondMaxVerlor_HwNm_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1 2 1630 0 0 -1630 0 0 -1630 0 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxNtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArnLrndOffsData.MaxOffset	1 2 1630 0 0 -1630 0 0 -1630 0 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32 k_PsaAgAn_VehCondMaxNetpTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32 t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsItHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0] t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1] t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbILrndOffsData.MaxOffset target_Pim_PsaAgArbILrndOffsData.MinOffset	1 2 1630 0 0 -1630 0 0 -1630 0 0 -1 0.5 0.00999999978 6.87960005 3 200 32768 32768 0 0 0 0 10 25 1679 -1094.28882 210.5923

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Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	143		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	1512.15002		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	95		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target PsaAqArbn Per1 EscOffsEna Cnt Igc.value	0		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-1295.02075		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.8003998		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-5.9829998		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2293.16431		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	38.4477005		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0.752699971		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	498.029114		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		0-4 1	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_(
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0 target_PsaAgArbn_Per1_AbsltHwPosnPrecis	_,	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Iqc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechM		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0		· · · · · · · · · · · · · · · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_Inst_Results (Ap_PsaAgArbn_Per1_EscDataV$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	jc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		 	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToS target PsaAgArbn Per1 SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target PsaAgArbn Per1 SensorlessHwPos	· 	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	· · · · · ·	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target PsaAgArbn Per1 VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	622	
5	torget Dim Dec A s A shall and Offe Dete	_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_132	
			Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData			Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	Actual Value	Expected Value	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	Actual Value	Expected Value	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	Actual Value 0 0	Expected Value 0 0	~
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	Actual Value 0 0 1	Expected Value 0 0 1	***
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	Actual Value 0 0 1 -1607.18738 196.314102 1	Expected Value 0 0 1 -1607.18738 196.314102	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	Actual Value 0 0 1 -1607.18738 196.314102 1 0	Expected Value 0 0 1 -1607.18738 196.314102 1 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbslitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_Igc	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.Sv_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_ResetEsc_Cnt_M_Igc	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sltnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell_PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SusprMod_Cnt_M_enum PsaAgAn_SusprMod_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeLIPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOrd_St_Cnt_M_enum PsaAgAn_EscOrd_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0 -1094.28882	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0 -1094.28882	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_Stinit_Cnt_M_igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0 -1094.28882 210.5923	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0 -1094.28882 210.5923	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	Actual Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101227 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0 -1094.28882 210.5923 1	Expected Value 0 0 1 -1607.18738 196.314102 1 0 PSAAGAN_DEFECT 0 -4.50899363 0 -353.101196 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -357.496796 -85.2954025 1 0 -1094.28882 210.5923 1	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	221.396088	221.396088	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	38.4477005	38.4477005 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

lame	Imput Value
	Input Value
saAgAn_AbsltHwPosnLvI2_Cnt_M_Igc	1
saAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
saAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
saAgAn_ComputedOffs_Uls_M_str.MaxOffset	420.509705
saAgAn_ComputedOffs_UIs_M_str.MinOffset	-491.456207
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
saAgAn_ComputedOffs_Uls_M_str.MinSrc	0
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
saAgAn_EscProc_Cnt_M_lgc	0
saAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-6.87419987
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32	0
saAgAn_MtrVeiLPF_UIs_M_str.K_UIs_f32	0
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-93.8478012
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1507.10229
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
saAgAn_ResetEsc_Cnt_M_lgc	1
eaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_StInit_Cnt_M_lgc	0
saAgAn_UsedOffs_Uls_M_str.MaxOffset	-1661.89514
saAgAn_UsedOffs_Uls_M_str.MinOffset	1530.89038
saAgAn_UsedOffs_Uls_M_str.MaxSrc	0
saAgAn_UsedOffs_Uls_M_str.MinSrc	0
te_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	
te_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
PsaAgAn_EpsPrec_HwDeg_f32	1
_PsaAgAn_MinPrecFail_HwDeg_f32	2
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
_PsaAgAn_VehCondMinTi_mS_u32	200
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0

t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]

2018-03-03, 17:42:20+0530

0

Input Value





t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-400.74469		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1105.9259		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	171		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	630.507202		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	144		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	50.3893013		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	0.201700002		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	8.55780029		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	754.437805		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1031.68079		
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-8.61149979		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	346.903198		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_Igc	target PsaAgArbn Per1 AbsltHwPosnLvl1	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittiwrosiLvi1_Cit_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbstthwPosnPrecision HwDeg	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsithwPosnVid_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnVld C		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbslthwPosn HwDeg f32			
· · · · · · · ·	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerICc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	, _	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-400.74469	-400.74469	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1105.9259	1105.9259	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	8.52847958	8.52847958	~
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-154.256775	-154.25679	✓
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN_MODABSLT	PSAAGAN MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	630.507202	630.507202	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	-
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	-
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT	PSAAGAN MODABSLT	
PsaAgAn_Stinit_Cnt_M_lgc	1	1	-
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-400.74469	-400.74469	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset			-
	1105 9259		
1 dai ig. 11_0000010_010_m_01.11111101001	1105.9259	1105.9259	





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-400.74469	-400.74469	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1105.9259	1105.9259	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	277.916626	277.916626	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1031.68079	1031.68079 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	630.507202	630.507202 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.55 (Repeat Count = 1)	→
Name	Input Value
PsaAgAn AbsitHwPosnLvl2 Cnt M lgc	0
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn ComputedOffs Uls M str.MaxOffset	1511.52148
PsaAgAn ComputedOffs Uls M str.MinOffset	824.540405
PsaAgAn ComputedOffs Uls M str.MaxSrc	2
PsaAgAn ComputedOffs Uls M str.MinSrc	1
PsaAqAn EscOffsSt Cnt M enum	PSAAGAN POWERCUT
PsaAgAn EscProc Cnt M Igc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1.19309998
PsaAgAn HwTrqLPF Uls M str.K Uls f32	0.0432000011
PsaAgAn MtrVelLPF UIs M str.SV UIs f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	-345.987213
PsaAgAn PinionTrqLPF UIs M str.K UIs f32	0.0432000011
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-439.535706
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-437.037415
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-946.081299
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5

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PsaAgArbn_Per1



T dang Tibri_T or T			1 - 1 - 10-10
Name	Input Value		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	-1.98640001		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0 0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t PsaAgAn AbsitthwPosnPrecX HwDeg u16p0[2]	25		
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	991.428894		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	588.028625		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	70		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-4626.45898		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	115		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	575.061096		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	24.7360992 10		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2879.2124		
target_rsaAgArbn_ren_ren_ren wros_nwbeg_isz.value	0.987900019		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-910.389587		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.65049982		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	318.874603		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1077767932		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_InstAp_Inst$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0 target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSenCom_Cnt_igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSenCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsFromSerlCom HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	g_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl	Com_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Even a et a d Made	
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffs=It_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1511.52148	1511.52148	
PsaAgAn_ComputedOffs_Uls_M_str.MiaxOffset	824.540405	824.540405	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	024.340405	024.540405	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN POWERCUT	PSAAGAN POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	1.57355809	1.57355809	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	
PsaAgAn PinionTrgLPF UIs M str.SV UIs f32	-324.355469	-324.355469	

-324.355469

-324.355469

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Name	Actual Value	Expected Value	Result
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-437.037415	-437.037415	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-946.081299	-946.081299	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	254.521942	254.521942 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	691.559326	691.559326	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.987900019	0.987900019 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-910.389587	-910.389587 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-	
RecommendedState	1	RecommendedState	1	~	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~	
SwitchOffs	1	SwitchOffs	1	~	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~	

Took Stop 4 FC (Depost Count = 4)	and the second
Test Step 4.56 (Repeat Count = 1)	<u> </u>
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	18.4104004
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-967.398987
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	3.94460011
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-535.14978
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-362.694397
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1643.00476
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-188.545105
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn UsedOffs Uls M str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20

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Name	Input Value		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1084.86548		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1162.54407		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target Pim PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	240		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-3287.83887		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	91		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target PsaAgArbn Per1 EscOffsEna Cnt lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-360.213989		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.3966999		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	6.23659992		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-454.057495		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	868.447876		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.89699996		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	160.991699		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	~ ~	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	0 - 0	- -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_IgEscDataVldFr$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ic .	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerICo	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	- Count
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	-
Des A state A state Offs Eth Ost AA Les	4		

PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc

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Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	18.4104004	18.4104004	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-967.398987	-967.398987	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.23224497	6.23224497	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	41.0309448	41.0309448	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1643.00476	-1643.00476	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-188.545105	-188.545105	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1084.86548	-1084.86548	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1162.54407	1162.54407	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	915.774963	915.774963	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	868.447876	868.447876 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
ESCOffsMngr	1	ESCOffsMngr	1	~	
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~	
SnsrMon	1	SnsrMon	1	~	
SnsrSupv	1	SnsrSupv	1	~	
RecommendedState	1	RecommendedState	1	~	
VehCondChk	1	VehCondChk	1	~	
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~	
SwitchOffs	1	SwitchOffs	1	~	
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~	
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~	

Test Step 4.57 (Repeat Count = 1)		✓.
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	663.415588	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-905.153687	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-8.05449963	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	714.880127	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_StInit_Cnt_M_lgc	0	

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Name	Input Value
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	361.156311
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	126.850601
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target_Rte_Call_Ap_PsaAgArbin_System filine_btimine_abset filine_us_usz_eliapset filine target_Rte_Inst_Ap_PsaAgArbin
k CmnSysTrqRatio HwNmpMtrNm f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0 -1630
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1] t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	32768 0
t_PsaAgAn_AbsitHwAuthyY_Dis_u1p15[2]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1201.73865
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1565.6377
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	85
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3207.93604
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	149
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1026.22205
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	13.0427999 0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	378.540588
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1.
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1598.12744
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	407.179108
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnLv11_Cnt_lgc target_PsaAgArbn_Per1_AbsitHwPosnLv12_Cnt_lgc
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_letarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthonty_Ois_132 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Peri_SensoriessAuthonity_ois_i32 target_PsaAgArbn_Peri_SensoriessHwPos_HwDeg_f32





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCr	ndCRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSp	peedValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSp	peed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsDa	ta	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	663.415588	663.415588	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-905.153687	-905.153687	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	·
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-0.0153036118	-0.0153036118	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	378.540588	378.540588	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	361.156311	361.156311	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	126.850601	126.850601	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	117.152855	117.152855 ± 1e-05	•
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32.value	134.53714	134.53714	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1598.12744	-1598.12744 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	378.540588	378.540588 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.58 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-268.908813	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1028.44727	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2.5848	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.755299985	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	





Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0 DCAACAN MODININ
PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn RelHwPosnToSerlCom HwDeg M f32	PSAAGAN_MODININ 506.064301
PsaAgAn RelHwPosnVldToSerlCom Cnt M Iqc	0
PsaAgAn ResetEsc Cnt M Igc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_Stlnit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	704.978577
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1001.3587
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime) Rte_Inst_Ap_PsaAgArbn	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime target_Rte_inst_Ap_PsaAgArbn
k CmnSysTrgRatio HwNmpMtrNm f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1620
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	-1630 0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	10
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[1]	32768 0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitthwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1331.93274
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-763.194214 -
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	0 115
target_PsaAgArbn_Per1_AlignedCellHwPos_HwDeg_f32.value	-2814.17651
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	65
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1235.88135
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	18.0182991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	660.287415
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1401.12085
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	353.609314
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosn HwDeg f32	target PsaAgArbn Per1 AbsltHwPosn HwDeg f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwD	
g	g





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho	rity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	32 target_PsaAgArbn_Per1_HandwheelPosition	on_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNr	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrR	adpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe	eg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_target_PsaAgArbn_Per1_RelHwPosnToSe	rlCom_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cn	t target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAutho	rity_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPo	s_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_	_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_K	oh_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	0	0	~
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0	0	•
PsaAgAn AgArbnOffsFlt Cnt M lgc	0	0	
PsaAgAn ComputedOffs Uls M str.MaxOffset	-268.908813	-268.908813	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1028.44727	1028.44727	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	_
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN INIT	PSAAGAN INIT	•
PsaAgAn EscProc Cnt M Igc	0	0	_
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	0.632500648	0.632500589	~
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	0	0	_
PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	0	0	•
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODREL	PSAAGAN MODREL	_
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	660.287415	660.287415	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	✓
PsaAqAn SnsrMod Cnt M enum	PSAAGAN MODREL	PSAAGAN MODREL	~
PsaAgAn StInit Cnt M Igc	1	1	•
PsaAgAn UsedOffs Uls M str.MaxOffset	704.978577	704.978577	
PsaAgAn UsedOffs Uls M str.MinOffset	1001.3587	1001.3587	•
PsaAgAn UsedOffs Uls M str.MaxSrc	0	0	_
PsaAgAn UsedOffs Uls M str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	~
target PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc.value	0	0	•
target PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg f32.value	0	0 ± 1e-05	
target PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc.value	0	0	~
target PsaAgArbn Per1 AbsltHwPosn HwDeg f32.value	-192.881226	-192.881226	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1401.12085	1401.12085 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	660.287415	660.287415 ± 1e-05	~
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt Igc.value	1	1	~
3 _ 3 1 20			

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.59 (Repeat Count = 1)	√
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1424.80432
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	862.639526
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN POWERCUT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.09030008
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	O POLACIAN MORNING
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	948.403809
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	314.441101
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1122.68713
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvI1 HwDeg f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k PsaAgAn MinPrecFail HwDeg f32	2
	1630
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.758599997
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsithwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1575.33447
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1269.75244
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	106
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2045.2561
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	178
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	370.560699
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	16.5298004
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1872.79028
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.825699985
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	598.70929
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	232.287598
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1989141436
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_Rte_InstAp_Rte$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32

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Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enun	•	om Cnt enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscAckFromSerlCom Cnt Igc	target PsaAgArbn Per1 EscAckFromSerlC		
	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerICom_Cnt_	· · · · · - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_EscPrecisionFrom target_PsaAgArbn_Per1_HandwheelAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32			
· ·	target_PsaAgArbn_Per1_HwTorque_HwNm	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	n_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	1=	1=
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1424.80432	-1424.80432	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	862.639526	862.639526	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0.0115718842	0.0115718842	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	314.441101	314.441101	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1122.68713	1122.68713	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-718.564087	-718.564087	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.825699985	0.825699985 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	598.70929	598.70929 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	-
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.60 (Repeat Count = 1)	
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M Igc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	-727.503601
· · · ·	1340.13489
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	2
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	PSAAGAN PROCESSING
PsaAgAn_EscOffsSt_Cnt_M_enum	_
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-2.5625999 0.108599998
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	O POAACAN MODEAN
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-789.679321
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1390.80981
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	991.872925
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k PsaAgAn VehCondMaxPinTrq HwNm f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	873.844788
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1212.45569
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target Pim PsaAgArbnLrndOffsData.MinSrc	1

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Name	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	163		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1 0		
target PsaAgArbn Per1 EscOffsEna Cnt Iqc.value	1		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	213.674393		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	14.1703997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.56309998		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1323.25452		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702		
$target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u32_ElapsedTime_uS_u332_ElapsedTi$	2766931401		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgAr$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_CumMechMtrPosSitarget_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwI			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_$	target_PsaAgArbn_Per1_RelHwPosnToSerl0	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	· · · · · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	I=	
Name			Result
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	Ž
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	-727.503601	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset		707 500004	
DooAgAn ComputedOffe Ille M etr MinOffeet		-727.503601 1340.13480	Ž
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	1340.13489	1340.13489	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1340.13489 2	1340.13489 2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1340.13489 2 1	1340.13489 2 1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1340.13489 2 1 PSAAGAN_DEFECT	1340.13489 2 1 PSAAGAN_DEFECT	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	1340.13489 2 1 PSAAGAN_DEFECT 0	1340.13489 2 1 PSAAGAN_DEFECT 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	1340.13489 2 1 PSAAGAN_DEFECT	1340.13489 2 1 PSAAGAN_DEFECT	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnTOSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MinOffset	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_lgc PsaAgAn_Strinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxSrc	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569 2	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569 2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569 2	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569 2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnTOserlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnTOserlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Strinit_Cnt_M_lgc PsaAgAn_Strinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569 2	1340.13489 2 1 PSAAGAN_DEFECT 0 -2.28430152 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 -1390.80981 991.872925 2 1 873.844788 -1212.45569 2	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	199.468384	199.468384	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.56309998	0.56309998 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1323.25452	-1323.25452 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-170.946198
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	56.5750008
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	785.146912
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	525.890503
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1002.44983
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
<pre><_PsaAgAn_AbsHwPosLvI1_HwDeg_f32</pre>	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
<pre>x_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08</pre>	0
<pre><_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32</pre>	-1630
<pre><_PsaAgAn_OffsDataInitMinSrc_Cnt_u08</pre>	0
<pre>c_PsaAgAn_OffsetPolarity_HwDeg_f32</pre>	-1
x_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
<pre><_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32</pre>	0.0099999978
<pre><_PsaAgAn_VehCondMaxPinTrq_HwNm_f32</pre>	0.69999988
<pre>c_PsaAgAn_VehCondMaxVehSpd_Kph_f32</pre>	0
<pre>c_PsaAgAn_VehCondMinTi_mS_u32</pre>	200
 _PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
:_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0

t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]

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0

Input Value





Upsalger_Abstachesprised_Helig_street_Heli	L_FSAAGATI_ADSILTWFOSTIFTECA_TWDeg_uTopo[0]	0		
Panalgaber Abestian Port Control (1997) 1997	t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
Panalgaber Abestian Port Control (1997) 1997	t PsaAgAn AbsltHwPosnPrecX HwDeg u16n0[2]	25		
Sept Parky April Parky A				
1985 Part Part Angelet Commission 1977 1978				
	target_Pim_PsaAgArbnLrndOπsData.MaxOffset			
Seage Paralyshor Paralysh	target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1207.85156		
Sept Parkylohn Per Agreed Scheller Sept	target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
Sept Parkylohn Per Agreed Scheller Sept	target Pim PsaAgArbnLrndOffsData.MinSrc	0		
Singer Providence Park J. Agronderfolder Service Delication Coll. (2) was some park of the				
sings P-Pankhon Per L Eschrönweitscher Grit glaveler sings P-Pankhon Per L Eschrönweitscher Grit glaveler sings P-Pankhon Per L Eschrönweitscher Grit glaveler sings P-Pankhon Per L Eschrönweitscher Grit graveler sings P-Pankhon Per L Eschrönweitscher Grit graveler sings P-Pankhon Per L Eschrönweitscher Holleng Staveler sings P-Pankhon Per L Eschrönweitscher Holleng Staveler sings P-Pankhon Per L Eschrönweitscher Holleng Staveler sings P-Pankhon Per L Merkerscher Hollenge Staveler sings P-Pankhon Per L Merkerscher Hollenge Staveler Hollen				
sange, Panjahren, Pert I. Escharkformischerforn, Ord. Igs value 1 sange, Panjahren, Pert I. Eschröffers Ord. Igs value 1 sange, Panjahren, Pert I. Eschröffers Ord. Igs value 1 sange, Panjahren, Pert I. Eschröffers Ord. Ind. Ind. Ind. Ind. Ind. Ind. Ind. In		-9617.26367		
	target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	244		
anger, Panaghorn per Liscottierina (Lipschate) targe, Panaghorn per Liscottierina (Panaghorn Panaghorn Panaghorn Per Liscottierina (Panaghorn Per Libschate) targe, Panaghorn per Libschate (Panaghorn Panaghorn Panaghorn Panaghorn Per Libschate) targe, Panaghorn Per Libschate (Panaghorn Panaghorn Panaghorn Panaghorn Panaghorn Panaghorn Per Libschate) targe, Panaghorn Per Libschate (Panaghorn Panaghorn Pana	target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	0		
		1		
1002.07036				
1,059999				
Large PasAgAnn Pert Mercing Water Mercin	target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-1062.97046		
	target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.30599999		
binger PanagAnter Pert Rethrolite binder 20-20-20-20-20-20-20-20-20-20-20-20-20-2	target PsaAgArbn Per1 HwTorque HwNm f32.value	0		
Sag 7,0005		0		
Lingst PasApAthr Pert Senorises-Nationally Using 122-Value 0.754/2002 1.753/2003 1.753				
173.39775				
Sergic PanagAnth Part V VerleichSpeed Kni B2 value	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.79430002		
Segret Paragham Part V Merickopen Min Staylor	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-173.369705		
Segret Paragham Part V Merickopen Min Staylor	target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	0		
larget PankAphen Pert Memicispeed (Km) (32 value)				
Integric Res Int.A. Pasa/ayton Pasa/Ayton Pert Abstitive Post Value				
tinger, Rie, Inst. Ap. Psakaghton Psakaghto		224060453		
Image R. Ber Ab. Pashaghton Pashaghton Pashaghton Pert Abstither/Bessive (2014) Entiry R. Ber Inst. Ap. Pashaghton Pa	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
Improl. Rel. Inst. Ap. PasadyAnth Part AbstitivePose Procession Hubbor.	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt loc	target_PsaAgArbn Per1 AbsltHwPosnLvl2 (Cnt_lgc	
targer, Reb. Intel, Ap. Panaghythn Panaghythn Pert AbelthMPorant/Mog 12 targer, Pert Intel, Ap. Panaghythn Pert AbelthMPorant/Mog 12 targer, Pert Intel, Ap. Panaghythn Pert ApythnSTTOSerICOm. Cnt. enum longer, Reb. Intel, Ap. Panaghythn Pert ApythnSTTOSerICOm. Cnt. enum longer, Reb. Intel, Ap. Panaghythn Pert ApythnSTTOSerICOm. Cnt. enum longer, Reb. Intel, Ap. Panaghythn Pert ApythnSTTOSerICOm. Cnt. enum longer, Reb. Intel, Ap. Panaghythn Pert ApythnSTTOSerICOm. Cnt. enum longer, Reb. Intel, Ap. Panaghythn Pert ApythnSTTOSerICOm. Cnt. enum longer, Reb. Intel, Ap. Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol longer, Reb. Intel, Ap. Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol longer, Reb. Intel, Ap. Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol longer, Reb. Intel, Ap. Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. Cnt. utol larger, Reb. Intel, Ap. Panaghythn Panaghythn Pert LiscottasVulfiromStatisus. 2012 larger, Reb. Intel, Ap. Panaghythn Pert, SentimotesAuthorn. Utol. 122 larger, Reb. Intel, Ap. Panaghythn Pert, SentimotesAuthorn. Utol. 122 larger, Reb. Intel, Ap. Panaghythn Pert, SentimotesAuthorn. Utol. 122 larger, Reb. Intel, Ap. Panaghythn Pert, SentimotesAuthorn.			,	
langer, Re. Inst. Ap. PasagAshth Pearl, AbeithMorean, Habel, 212 langer, Pearl Pearl, AbeithMorean, Habel, 212 langer, Pearl, AbeithMorean, Habel, 212 langer, Pearl, AbeithMorean, Habel, 212 langer, Pearl, Ap. PasagAshth Pearl, AsignedCumMechNthPosStatus, langer, Rel. Inst. Ap. PasagAshth Pearl, AsignedCumMechNthPosStatus, langer, Rel. Inst. Ap. PasagAshth Pearl, AsignedCumMechNthPosStatus, langer, Rel. Inst. Ap. PasagAshth Pearl, AsignedCumMechNthPosStatus, langer, Pearl, AsignedCumMechNthPosStatus, Cnt. U08 langer, Pearl, Ap. PasagAshth Pearl, AsignedCumMechNthPosStatus, Cnt. U08 langer, Pearl, Ap. PasagAshth Pearl, AsignedCumMechNthPosStatus, Cnt. U08 langer, Pearl, Ap. PasagAshth Pearl, AsignedCumMechNthPosStatus, Cnt. U08 langer, Pearl, Pearl, Ap. Pearl, Pear				
target_Reb_Inst_Ap_PasAgAhthn PearAgAhthn P				
Isrget_Rise_Inst_Ap_PsaAgAhn	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	leg_f32	
target, Rie, Inst, Ap., PsaAgAhrn, PsaAgAhr	target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target, Rie, Inst, Ap., PsaAgAhrn, PsaAgAhr	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechM	ItrPosStatus Cnt u08	
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Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_EscOffsFromSeriCom_HvDeg_12 Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_EscPrecisionFromSeriCom_HvDeg_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_HandwheelAuthority_Uis_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_HandwheelPosition_HvDeg_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_HandwheelPosition_HvDeg_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_HandwheelPosition_HvDeg_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_Mirrorque_Hwith_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_Mirrorque_Hwith_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_Mirrorque_Hwith_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_RisHwSornSortOm_HvDeg_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_RisHwSornSortOm_HvDeg_132 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_Ris_Inst_Ap_PsaAgAthn_Pert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert_SensoriessAuthority_Uis_32 Isrget_PsaAgAthn_Pert_Vert	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscOffsEna Cnt Igc	target PsaAgArbn Per1 EscOffsEna Cnt Ig	IC	
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target_Rie_Inst_Ap_PsaAgArbn_PeaAgArbn_Per1_HandwheelPosition_HwDeg_i32				
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target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_MitrveiCRF_MitRadps_{32} target_PsaAgArbn_Peri_ReltwPos_Hw0e_g_{32} target_PsaAgArbn_Peri_ReltwPos_Hw0e_g_{32} target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_ReltwPos_Hw0e_g_{32} target_PsaAgArbn_Peri_ReltwPos_Invole_g_{32} target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_ReltwPosnVolToSeriCom_Cnt_target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_ReltwPosnVolToSeriCom_Cnt_target_Rie_Inst_Ap_PsaAgArbn_PsaAgArbn_Peri_SensoriessAuthority_Uis_{122} target_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_Peri_SensoriessAuthority_Uis_{132} target_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_Peri_SensoriessAuthority_Uis_{132} target_PsaAgArbn_PsaAgArbn_PsaAgArbn_PsaAgArbn_Peri_SensoriessAuthority_Uis_{132} target_PsaAgArbn_Peri_SensoriessAuthority_Uis_{132} target_PsaAgArbn_Peri_	target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target PsaAgArbn Per1 HwTorque HwNm	f32	
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PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc 1 1 PsaAgAn_ComputedOffs_UIs_M_str.MinSrc 0 0 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_MitrVelLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 PsaAgAn_ResetEsc_Cnt_M_lgc 1 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 9 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stinit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_UIs_M_str.MinOffset -1002.44983 -1002.44983				
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 ✓ PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT ✓ PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_ReiHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 ✓ PsaAgAn_ReiHwPosnVldToSerlCom_Cnt_M_lgc 1 1 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_Stinit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 ✓				-
PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_DEFECT PSAAGAN_DEFECT PsaAgAn_EscProc_Cnt_M_lgc 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 PsaAgAn_ReelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stinit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983				
PsaAgAn_EscProc_Cnt_M_Igc 0 0 0 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 0 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 0 0 0 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 0 PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_ReiHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 -336.760895 PsaAgAn_ReiHwPosnVldToSerlCom_Cnt_M_Igc 1 1 4 PsaAgAn_ResetEsc_Cnt_M_Igc 0 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_StInit_Cnt_M_Igc 1 1 4 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 525.890503 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 -1002.44983	PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	-
PsaAgAn_EscProc_Cnt_M_lgc 0 0 ✓ PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 ✓ PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_Stlnit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983	PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 ✓ PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_Stlnit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 ✓		_	_	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 ✓ PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_Stlnit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 ✓	·			
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 0 0 ✓ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 ✓ PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_StInit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 525.890503 525.890503 ✓ PsaAgAn_UsedOffs_UIs_M_str.MinOffset -1002.44983 -1002.44983 ✓				
PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_Stlnit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983				-
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 -336.760895 -336.760895 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983	PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_StInit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 ✓	PsaAgAn PrevSnsrMod Cnt M enum	DOMACANI MODDEI	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 ✓ PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 ✓ PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL ✓ PsaAgAn_StInit_Cnt_M_lgc 1 1 ✓ PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 ✓ PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 ✓	· car gran_i revenennea_ent_in_enam	PSAAGAN_WODKEL		
PsaAgAn_ResetEsc_Cnt_M_lgc 0 0 PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983		_	-336.760895	✓
PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN_MODREL PSAAGAN_MODREL PsaAgAn_StInit_Cnt_M_lgc 1 1 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-336.760895		
PsaAgAn_StInit_Cnt_M_lgc 1 1 ** PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 525.890503 525.890503 ** PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 **	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	-336.760895 1	1	~
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_UIs_M_str.MinOffset -1002.44983 -1002.44983	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	-336.760895 1 0	1 0	~
PsaAgAn_UsedOffs_UIs_M_str.MaxOffset 525.890503 525.890503 PsaAgAn_UsedOffs_UIs_M_str.MinOffset -1002.44983 -1002.44983	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	-336.760895 1 0	1 0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset -1002.44983 -1002.44983 ✓	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	-336.760895 1 0 PSAAGAN_MODREL	1 0 PSAAGAN_MODREL	~
	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	-336.760895 1 0 PSAAGAN_MODREL 1	1 0 PSAAGAN_MODREL 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
© Donat graphy by TCCV V2.4.42 graph by V2.4	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Striit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-336.760895 1 0 PSAAGAN_MODREL 1 525.890503	1 0 PSAAGAN_MODREL 1 525.890503	· · · · · · · · · · · · · · · · · · ·
	PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Striit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-336.760895 1 0 PSAAGAN_MODREL 1 525.890503	1 0 PSAAGAN_MODREL 1 525.890503	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	764.170166	764.170166 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-98.4812012	-98.4812317	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.79430002	0.79430002 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-173.369705	-173.369705 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-336.760895	-336.760895 ± 1e-05	✓
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.62 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn AbsltHwPosnLvl2 Cnt M lgc	1
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1
PsaAgAn AgArbnOffsFlt Cnt M lgc	1
PsaAgAn ComputedOffs Uls M str.MaxOffset	1652.90625
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1174.80237
PsaAgAn ComputedOffs Uls M str.MaxSrc	2
PsaAgAn ComputedOffs UIs M str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-789.679321
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	996.327271
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	437.287506
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.00999999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3] t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0		
t_PsaAgAn_AbsittwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-594.365723		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-338.455811		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	163		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	213.674393		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1703997		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.56309998		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1323.25452		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse target Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc	2 3848187930 target PsaAgArbn Per1 AbsltHwPosnLvl1	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsittWPosnLvI2_Cnt_lgc	target_PsaAgArbn_Per1_AbsitHwPosnLvl2		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hw		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlC	om_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMech	MtrPosStatus_Cnt_u08	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_AlignedRelHwPos	_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Perl HandwheelAuthority Uls f32	target PsaAgArbn Per1 HandwheelAuthor		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelPosition HwDeg f32		/ - -	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSer	ICom_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldTo	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthor	ity_Uls_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	n_t32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData Actual Value	Expected Value	Basul
Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	O Actual Value	Expected Value	Resul
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	
PsaAgAn AgArbnOffsFit Cnt M lgc	1	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1652.90625	1652.90625	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1174.80237	-1174.80237	
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	•
PsaAgAn_EscProc_Cnt_M_lgc	0	0	•
D A A 11 T 1 DE 111 AA 1 0 V 1 11 MO	0	0	
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	\ <u>`</u>	×	

PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32





Name	Actual Value	Expected Value	Result
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	996.327271	996.327271	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	437.287506	437.287506	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-594.365723	-594.365723	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-338.455811	-338.455811	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	279.519897	279.519897 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-716.807373	-716.807373	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.56309998	0.56309998 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1323.25452	-1323.25452 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 4.63 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1444.01392
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-366.681488
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-673.473022
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-32.0180016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-762.540283
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(Elapse	edTime) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20

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PsaAgArbn_Per1



- 1 - 3d/ tg/ tibri_1 - 61 1		(<i></i>
Name	Input Value		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8		
k_PsaAgAn_EpsPrec_HwDeg_f32	1		
k_PsaAgAn_MinPrecFail_HwDeg_f32	2		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.7895999		
k_PsaAgAn_VehCondMinTi_mS_u32	200		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-396.061096		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1163.37854		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbn_Por1_AlignedCumMechMtrPocStatus_Cnt_u08_value	191		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	-5479.21094		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	165		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_Igc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	360.273285		
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	19.6231995		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1776.20618		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	320.953186		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	466.105499		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2070309870		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	ion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C	nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	eg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.PsaAgArbn.PsaAgArbn.Per1_AgArbnStToSerlCom_Cnt_enum_Results (Ap_PsaAgArbn.P$	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_InstAp_PsaAgArbn_Psa$	target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	· - ·		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwE			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVIdToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_	_IOZ	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Eveneted Value	Des
Name	Actual Value	Expected Value	Resu
PsaAgAn_AgArbpOffsEltDotd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	1	

 ${\sf PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc}$

PsaAgArbn_Per1





Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-339.650085	-339.650085	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-380.896484	-380.896484	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	•
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-32.0180016	-32.0180016	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-762.540283	-762.540283	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	365.261139	365.261139 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	397.279144	397.279144	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	320.953186	320.953186 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 4.64 (Repeat Count = 1)		
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1433.22314	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1149.05188	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1395.83826	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	1	
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	





Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-374.642609
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1121.69531
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630 0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
	0.5
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32 k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999998
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
	3
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[2]	0
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	-1326.32495
target_Pim_PsaAgArbnLrndOffsData.MinOffset	820.351379
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	191
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7227.70605
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	239
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1175.3728
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.633899987
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	915.017029
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.27610001
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1055.87561
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 272.420695
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	272.420685
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	675081572 target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Perl AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbri_Per1_AbsitHwPosnLvl2_Cnt_lgc
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnPrecision HwDeg	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVId_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_Absit.hwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAqArbn.PsaAqArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVidToSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32





Name	Input Value		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kp	h_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1433.22314	1433.22314	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1149.05188	-1149.05188	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_POWERCUT	PSAAGAN_POWERCUT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-374.642609	-374.642609	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1121.69531	1121.69531	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1326.32495	-1326.32495	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	820.351379	820.351379	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-373.526367	-373.526367	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.27610001	0.27610001 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1055.87561	1055.87561 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 4.65 (Repeat Count = 1)		~
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	275.482788	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1484.7417	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	





N	Invest Value
Name	Input Value
PsaAgAn _MtrVelLPF_UIs_M_str.K_UIs_f32 PsaAgAn PinionTrqLPF UIs M str.SV UIs f32	0
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN MODABSLT
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-445.087585
PsaAqAn RelHwPosnVldToSerlCom Cnt M lqc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	861.660095
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1377.43616
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630 0
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0 -1630
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_vehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k PsaAgAn VehCondMaxVehSpd Kph f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t PsaAgAn AbsltHwAuthyY Uls u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	842.359009
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-37.2011986
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	142
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4883.67188
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	37
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	15.8147001
target PsaAqArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	4.2519002
target_PsaAgArbn_Per1_EscPrecisionFromSenCom_HwDeg_isz.value	4.2519002
target_PsaAgArbn_Per1_mw1orque_mwwin_is2.value target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-2574.25293
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-995.89209
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	60.9239006
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	4171581838
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAg$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_EscDataVldFromSeriCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_EscOffsFromSeriCom_HwDeg_r target_Rte_inst_Ap_PsaAgArbn.PsaAgArbn_Peri_EscPrecisionFromSeriCom_HwDeg_r	
anget. Tonot_rip_i our gritoria our gritori_i or isou i outsioni i omocilottii_liwt	Tangor_, saring, april of t_cool toolson formorroom_timpog_loz





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelA	Authority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3	2 target_PsaAgArbn_Per1_HandwheelF	Position_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_I	HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_	_MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDe	g_ target_PsaAgArbn_Per1_RelHwPosn	ToSerlCom_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cni	target_PsaAgArbn_Per1_RelHwPosn	VldToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessA	Authority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessH	HwPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmd	CRF_MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpee	edValid_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpee	ed_Kph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	275.482788	275.482788	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1484.7417	-1484.7417	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	✓
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	•
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	•
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	861.660095	861.660095	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1377.43616	-1377.43616	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	1119.5481	1119.5481 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	257.888062	257.888062	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-995.89209	-995.89209 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.66 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	





Name	Input Value
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-390.441315
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-864.19519
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0
	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1011.18073
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-409.400513
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	994.957886
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k PsaAgAn AbsHwPosLvI1 HwDeg f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k PsaAgAn MinPrecFail HwDeg f32	2
	1630
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	10000
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1444.7085
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-837.31488
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	190
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	2400.30249
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	255
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	559.363708
target PsaAgArbn Per1 EscPrecisionFromSerlCom HwDeg f32.value	8.02980042
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
	-1333.80835
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	700.007214
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	709.997314
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	18.0622997
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	3885531577
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Inst_Ap_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Inst_Ap_Ins$	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
	<u> </u>





Name	Input Value		
	•	m Cnt onum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target PsaAgArbn Per1 AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_ target_PsaAgArbn_Per1_CumMechMtrPosSi		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_gc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-390.441315	-390.441315	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-864.19519	-864.19519	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-409.400513	-409.400513	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	994.957886	994.957886	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1444.7085	-1444.7085	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-837.31488	-837.31488	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	•
target_PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-292.778687	-292.778687	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	•
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	709.997314	709.997314 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	-
target PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt lgc.value	0	0	•
0 _ 0			

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•



T4-044-07 (D4-04-)	.a
Test Step 4.67 (Repeat Count = 1) Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn AgArbnOffsFitDetd Cnt M Igc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	235.6306
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-760.660706
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 PSAAGAN PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 PSAAGAN MODFAIL
PsaAgAn RelHwPosnToSerlCom HwDeg M f32	-789.679321
PsaAgAn RelHwPosnVldToSerlCom Cnt M Igc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1626.07605
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1383.00977
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2 1630
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32 k_PsaAgAn_VehCondMinTi_mS_u32	3 3452
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2] t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	25 1679
target Pim PsaAgArbnLrndOffsData.MaxOffset	-1608.31848
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1296.26855
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	94
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	5231.77393
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	163 1
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	213.674393
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	14.1703997
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1592.54211 0.56200000
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	0.56309998 -1323.25452
target_PsaAgArbn_Per1_SensoriessHwPos_HwDeg_1s2.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1323.23432 0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1





Name	Input Value		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	137.888702		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1830196987		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc	arget_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	leg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechN	ItrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0$	target_PsaAgArbn_Per1_CumMechMtrPosSi	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_Ap_PsaAgArbn.$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	jc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerICo	om_HwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscPrecisionFromSerlCom HwD	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	<u>f</u> 32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	235.6306	235.6306	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-760.660706	-760.660706	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	-760.660706 2	-760.660706 2	~
			~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	2	2	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	2 1 PSAAGAN_DEFECT	2 1 PSAAGAN_DEFECT	· ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	2 1 PSAAGAN_DEFECT 0	2 1 PSAAGAN_DEFECT 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2 1 PSAAGAN_DEFECT 0 0	2 1 PSAAGAN_DEFECT 0	\rightarrow \right
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	2 1 PSAAGAN_DEFECT 0 0	2 1 PSAAGAN_DEFECT 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	2 1 PSAAGAN_DEFECT 0 0 0	2 1 PSAAGAN_DEFECT 0 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_RsrMod_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Str.MaxOffset	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1	· · · · · · · · · · · · · · · · · · ·
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Str.MaxOffset	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2 1 -1608.31848	
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PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset tsaget_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsItHwPosnLvl2_Cnt_lgc.value target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsItHwPosnVid_Cnt_lgc.value target_PsaAgArbn_Per1_AbsItHwPosnVid_Cnt_lgc.value	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2 1 -1608.31848 1296.26855 2 1 0 0 121.533142 0 -1504.54297	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2 1 -1608.31848 1296.26855 2 1 0 0 121.533142 ± 1e-05 0 -1504.54297	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_MtrVell.PF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbn_Per1_AbsltHwPosnLv12_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AndwheelAuthority_Uls_f32.value target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2 1 -1608.31848 1296.26855 2 1 0 0 121.533142 0 -1504.54297 7	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2 1 -1608.31848 1296.26855 2 1 0 0 121.533142 ± 1e-05 0 -1504.54297 7	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_LM_lgc PsaAgAn_ReelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_Pim_PsaAgArbnLrndOffsData.MinSrc target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value target_PsaAgArbn_Per1_AdsltHwPosn_HwDeg_f32.value	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2 1 -1608.31848 1296.26855 2 1 0 0 121.533142 0 -1504.54297 7 0.56309998	2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODFAIL 0 0 PSAAGAN_MODFAIL 1 1626.07605 1383.00977 2 1 -1608.31848 1296.26855 2 1 0 0 121.533142 ± 1e-05 0 -1504.54297 7 0.56309998 ± 1e-05	· · · · · · · · · · · · · · · · · · ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 4.68 (Repeat Count = 1)	
	Innuit Value
Name	Input Value
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	715.249817
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	351.862915
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1427.79004
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1358.28674
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1076.85376
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	2
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.699999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	655.562378
target Pim PsaAgArbnLrndOffsData.MinOffset	133.1492
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target Pim PsaAgArbnLrndOffsData.MinSrc	1
target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	2





	Input Value		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-6352.61426		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	145		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	1009.63422		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	1.82850003		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	0		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	1206.38306		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.756900012		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-1074.79358 0		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	433.865906		
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwD	0_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AgArbnSt1oSenCo. target_PsaAgArbn_Per1_AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Ignormation = 0.0000000000000000000000000000000000$	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ic	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelAuthority target_PsaAgArbn_Per1_HandwheelPosition		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_TorqueCmdCRF_M target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph		
	target_Pim_PsaAgArbnLrndOffsData	0_	
target kte inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData			
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	Actual Value	Expected Value	Result
	Actual Value	Expected Value	Result
Name		Expected Value 1 0	Result
Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0 0	1 0 0	Result
Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1 0 0 715.249817	1 0 0 715.249817	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Uis_M_str.MaxOffset PsaAgAn_ComputedOffs_Uis_M_str.MinOffset	1 0 0 715.249817 351.862915	1 0 0 715.249817 351.862915	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1 0 0 715.249817 351.862915 2	1 0 0 715.249817 351.862915 2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 0 0 715.249817 351.862915 2	1 0 0 715.249817 351.862915 2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	1 0 0 715.249817 351.862915 2	1 0 0 715.249817 351.862915 2	· · · · · · · · · · · · · · · · · · ·
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT	· · · · · · · · · · · · · · · · · · ·
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0	· · · · · · · · · · · · · · · · · · ·
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.Sv_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.Sv_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MitrVelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MintvelLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_Igc	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0	
Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	1 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL	
Name PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 -1358.28674	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 - 1358.28674	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Strnit_Cnt_M_enum PsaAgAn_Strnit_Cnt_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 1.358.28674 1076.85376 2 1	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 1.358.28674 1076.85376 2 1	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_StInit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 1.358.28674 1076.85376 2 1 1630	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 1-1358.28674 1076.85376 2 1 1630	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 1.358.28674 1076.85376 2 1 1630 -1630	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 1 0 0 PSAAGAN_MODREL 1 -1358.28674 1076.85376 2 1 1630 -1630	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Striit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 1-1358.28674 1076.85376 2 1 1630 -1630 0	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 0 PSAAGAN_MODREL 1 -1358.28674 1076.85376 2 1 1630 -1630 0	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_Igc PsaAgAn_Stinit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MaxSrc target_Pim_PsaAgArbnLrndOffsData.MinOffset	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 0 PSAAGAN_MODREL 1 1-1358.28674 1076.85376 2 1 1630 -1630 0 0	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 0 PSAAGAN_MODREL 1 -1358.28674 1076.85376 2 1 1630 -1630 0 0 0	
Name PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Striit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 PSAAGAN_MODREL 1 1-1358.28674 1076.85376 2 1 1630 -1630 0	1 0 0 0 715.249817 351.862915 2 1 PSAAGAN_DEFECT 0 0 0 0 0 PSAAGAN_MODREL 1206.38306 1 0 0 PSAAGAN_MODREL 1 -1358.28674 1076.85376 2 1 1630 -1630 0	

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PsaAgArbn_Per1

Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1347.09961	1347.09961	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1347.09961	1347.09961 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1206.38306	1206.38306 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Case 5: Path Sheet

Description

Vector Description:

TS5.1ElpdTi_mS_T_u32 > k_PsaAgAn_VehCondMinTi_mS_u32 ==> False
TS5.2if ((PsaAgAn_SnsrMod_Cnt_M_enum!= PSAAGAN_MODFAIL)==>TRUE &&
TS5.3else if ((EscOffsEna_Cnt_T_lgc!= D_FALSE_CNT_LGC)==>TRUE &&
TS5.4else if ((EscOffsEna_Cnt_T_lgc!= D_FALSE_CNT_LGC)==>TRUE &&
TS5.5else if ((AlignedCumMechMtrPosStatus_Cnt_T_u08!= D_ALGNDRELPOSNSTSINI_CNT_U08)==>FALSE &&
TS5.5else if ((AlignedCumMechMtrPosStatus_Cnt_T_u08!= D_ALGNDRELPOSNSTSINI_CNT_U08)==>FALSE &&
TS5.7if ((AlignedCumMechMtrPosStatus_Cnt_T_u08!= D_ALGNDRELPOSNSTSVLD_CNT_U08)==>FALSE ||
TS5.8if ((AlignedCumMechMtrPosStatus_Cnt_T_u08!= D_ALGNDRELPOSNSTSVLD_CNT_U08)==>FALSE ||
TS5.9if ((CumMechMtrPosStatus_Cnt_T_u08!= D_ALGNDRELPOSNSTSVLD_CNT_U08)==>FALSE ||
TS5.10if (((PsaAgAn_UsedOffs_Uls_M_str.MaxOffset - PsaAgAn_UsedOffs_Uls_M_str.MinOffset) < (EscMaxOffset_HwDeg_T_f32)==>TRUE &&
TS5.11if (((PsaAgAn_UsedOffs_Uls_M_str.MaxOffset - PsaAgAn_UsedOffs_Uls_M_str.MinOffset) < (EscMaxOffset_HwDeg_T_f32)==>TRUE &&
TS5.11if (((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)==>TRUE &&
TS5.13if (((PsaAgAn_SnsrMod_Cnt_M_enum == PSAAGAN_MODABSLT)==>TRUE &&
TS5.15Limit_m(TempAbsltHwPosnPrecision_HwDeg_T_f32 >= D_OFFSMAXLIM_HWDEG_F32) ==> TRUE

Test Step 5.1 (Repeat Count = 1)	🗸
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	*none*
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	*none*
PsaAgAn_EscOffsSt_Cnt_M_enum	*none*
PsaAgAn_EscProc_Cnt_M_lgc	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	*none*
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	*none*
PsaAgAn_PrevSnsrMod_Cnt_M_enum	*none*
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	*none*
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	*none*
PsaAgAn_ResetEsc_Cnt_M_lgc	*none*
PsaAgAn_SnsrMod_Cnt_M_enum	*none*
PsaAgAn_StInit_Cnt_M_lgc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	*none*
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	*none*
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	*none*
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn

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Name	Input Value	
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001	
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	20	
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8	
k_PsaAgAn_EpsPrec_HwDeg_f32	1	
k_PsaAgAn_MinPrecFail_HwDeg_f32	2	
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630	
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0	
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630	
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1	
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5	
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978	
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988	
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3	
k_PsaAgAn_VehCondMinTi_mS_u32	200	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0	
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0	
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[0]	0	
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1]	10	
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[2]	25	
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[3]	1679	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*	
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	117	
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-9611.41406	
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	186	
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1	
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1	
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-415.338287	
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	16.8812008	
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.77960002	
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-475.391815	
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1191.08826	
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.70539999	
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	-620.122192	
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-4.04090023	
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1	
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	1.45940006	
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt	_ ·
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrP	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_Hw	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCom_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le		om_cnt_igc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	UniDam 600
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_L	-
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32		·-
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f3	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSerI0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_UIs_f32	target_PsaAgArbn_Per1_SensorlessAuthority_L	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_Hw	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_MtrN	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_Cr	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f3	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	-
Name		xpected Value Resu
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0 0	

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Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	715.249817	715.249817	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	351.862915	351.862915	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1358.28674	-1358.28674	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1076.85376	1076.85376	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	140.716553	140.716553	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.70539999	0.70539999 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-620.122192	-620.122192 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	•
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 5.2 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1605.78235	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1677.14746	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0	
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1540.29199	
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	





Name	Input Value
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	797.620483
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	640.232422
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	15.2937002
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	0.377700001
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	23.2798004
k_PsaAgAn_EpsPrec_HwDeg_f32	20
k_PsaAgAn_MinPrecFail_HwDeg_f32	154.741394
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-915.303101
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1204.40405 2
k_PsaAgAn_Offsblacity_HyDog_f22	0.793200016
k_PsaAgAn_OffsetPolarity_HwDeg_f32 k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	3.68149996
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.171900004
k PsaAgAn VehCondMaxPinTrq HwNm f32	7.90759993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	9.53820038
k PsaAgAn VehCondMinTi mS u32	1384
t_PsaAgAn_AbsitHwAuthyY_UIs_u1p15[0]	32768
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[1]	32768
t PsaAgAn AbsitHwAuthyY Uls u1p15[2]	0
t_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1050.95959
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	59
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	934.842773
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	151
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-302.883606 0.755699992
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	0.735099992
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	0
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2545.06909
target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	0.628499985
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1147.90259
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	0
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u000000000000000000000000000000000000$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Inst_RescDataVldFromSerlCom_Cont_Inst_RescDataVldFromSerlCom_Cont_Inst_RescDataVldFromSerlCom_Cont_Inst_RescDataVldFromSerlCom_Cont_Inst_RescDataVldFromSerlCom_Cont_RescDataVldFromSe$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_functions and the property of the prope$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_RelHwPos_HwDog_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32





Name	Input Value		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt	target PsaAgArbn Per1 RelHwPosnVld	ToSerlCom Cnt Igc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target PsaAgArbn Per1 SensorlessAuthority Uls f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 TorqueCmdCRF MtrNm f32	target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target_PsaAgArbn_Per1_VehicleSpeed\	/alid Cnt Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	~
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1050.95959	1050.95959	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	PSAAGAN_PROCESSING	✓
PsaAgAn_EscProc_Cnt_M_lgc	1	1	✓
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	0	0	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0	0	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	0	0	✓
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	934.842773	934.842773	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	1	1	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_Stlnit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1050.95959	1050.95959	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1050.95959	1050.95959	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	525.479797	525.479797 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	409.362976	409.362976	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	2	2	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.628499985	0.628499985 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1147.90259	1147.90259 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	934.842773	934.842773 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsItHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	✓

Test Step 5.3 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	
PsaAgAn_EscProc_Cnt_M_lgc	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019	





Name	Input Value
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k CmnSysTrqRatio HwNmpMtrNm f32	34.5157013
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	27.7724991
k PsaAgAn AbsHwPosLvl2 HwDeg f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_UIs_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10 25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	1679
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target Pim PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	1
target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	100
target PsaAgArbn Per1 AlignedRelHwPos HwDeg f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1.
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1.
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnVid_Cnt_igc target Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedRelHwPos HwDeg f32	target_PsaAgArbn_Per1_AlignedCulliMedHwlPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
	,





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDe	g_f target_PsaAgArbn_Per1_EscOffsFromSer	ICom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_F	lwL target_PsaAgArbn_Per1_EscPrecisionFroi	mSerlCom HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho	ority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_	32 target_PsaAgArbn_Per1_HandwheelPositi	on_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target PsaAgArbn Per1 HwTorque HwNi		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrR	RadpS f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_C	nt_ target_PsaAgArbn_Per1_RelHwPosnVldTo	oSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAutho	rity Uls f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f3	target PsaAgArbn Per1 SensorlessHwPo	s HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF	MtrNm f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedVa	lid Cnt Igc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeed Kph f32	target_PsaAgArbn_Per1_VehicleSpeed_K		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	_
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1678.96814	1678.96814	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	670.831177	670.831177	_
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	·
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-179.161255	-179.16124	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	_
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	_
PsaAgAn ResetEsc Cnt M Igc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	_
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1678.96814	1678.96814	_
PsaAgAn UsedOffs Uls M str.MinOffset	670.831177	670.831177	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814	1678.96814	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177	670.831177	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target PsaAgArbn Per1 AbsltHwPosnLvl1 Cnt Igc.value	0	0	
target_PsaAgArbn_Per1_AbsitHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	504.068481	504.068481 ± 1e-05	~
target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	455.100342	455.100342	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

Test Step 5.4 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0

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PsaAgArbn_Per1



- Garigriish <u>-</u> 1 Gri	
Name Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	7.01840019
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32	-400.116486
PsaAgAn_MtrVeILPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	603.338196
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
C_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	17.9867992
_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1
_PsaAgAn_OffsetPolarity_HwDeg_f32	1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
_PsaAgAn_VehCondMinTi_mS_u32	6242
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
arget_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
arget_Pim_PsaAgArbnLrndOffsData.MinSrc	1
arget_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
arget_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
arget_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	253
arget_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
arget_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
arget_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
arget_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
arget_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
	-1765.97131 1
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1 464.002197
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1 464.002197 -5.1887002
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1 464.002197 -5.1887002 0 129.0289
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value arget_Rea_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1 464.002197 -5.1887002 0 129.0289 2 2320436378
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value arget_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse arget_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc	1 464.002197 -5.1887002 0 129.0289
arget_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value arget_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value arget_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value arget_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value arget_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value arget_Rea_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	1 464.002197 -5.1887002 0 129.0289 2320436378 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_lgc

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PsaAgArbn_Per1



Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target PsaAgArbn Per1 AbsltHwPosn Hv	vDeg f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AgArbnStToSerlCom Cnt enur		· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_ui			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerle		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hw			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAutho		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f3:			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HwTorque HwNm f32	target_PsaAgArbn_Per1_HwTorque_HwNr		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrR	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDec			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAutho		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_K	ph_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn AgArbnOffsFltDetd Cnt M lgc	0	0	_
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	598.767212	598.767212	_
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	_
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1	1	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN DEFECT	PSAAGAN DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	-1.54290295	-1.54290247	✓
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value			
tangot_r ourigraphic or i_r ton im controcon_rmpog_roz.ratao	0	0 ± 1e-05	~



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 5.5 (Repeat Count = 1) Name	Input Value
	· ·
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn UsedOffs Uls M str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime_	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte Inst Ap PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k PsaAgAn AbsHwPosLvI1 HwDeg f32	27.7724991
k PsaAgAn AbsHwPosLvl2 HwDeg f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
	1
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k_PsaAgAn_VehCondMinTi_mS_u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	1

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PsaAgArbn_Per1



	Input Value		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	0		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	100		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target PsaAgArbn Per1 EscOffsEna Cnt Igc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	129.0289		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Record (AbsltHwPosnPrecision_HwDeg_Record (AbsltHwPosnPrecision_HwDeg_Record (AbsltHwPosnPrecision_HwDeg_Record (Abslt$	target_PsaAgArbn_Per1_AbsltHwPosnPrecis	sion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechN target_PsaAgArbn_Per1_AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	0 - 0 0 -	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ic	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_transformed and the property of the pro$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	om_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwlores and the property of the property$	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRactarget_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32$	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
	Actual Value		I
Name		Expected Value	Result
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc	0	0	•
PsaAgAn_AbsitHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFit_Cnt_M_lgc	0 0 1	0 0 1	•
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0 0 1 598.767212	0 0 1 598.767212	•
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0 0 1 598.767212 1241.60339	0 0 1 598.767212 1241.60339	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0 0 1 598.767212 1241.60339	0 0 1 598.767212 1241.60339	
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0	
PsaAgAn_AbslithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224	
PsaAgAn_AbslithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124	0
PsaAgAn_AbsithwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ	0
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerICom_HwDeg_M_f32	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0	0
PsaAgAn_AbsithwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ	0
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVeILPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_ReIHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_ReIHwPosnToSerICom_Cnt_M_Igc	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0	0
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_AgArbnOffsFit_Cnt_M_igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_ResetEsc_Cnt_M_igc PsaAgAn_SnsrMod_Cnt_M_enum	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HxtrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HitvelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_LM_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sltnit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 -1664.82703	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 -1664.82703	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Lm_Ugc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sltnit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791	
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVidToSerlCom_LM_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Sltnit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionnTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerlCom_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_Igc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1	0 0 1 598.767212 1241.60339 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVetLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrionnTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerICom_HwDeg_M_f32 PsaAgAn_RelHwPosnVidToSerICom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Strint_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677 1047.37207	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677 1047.37207	
PsaAgAn_AbsithwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_Igc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVIdToSerlCom_LM_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stinit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxSrc	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677 1047.37207 2	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677	
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFItDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_AgArbnOffsFIt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_Igc PsaAgAn_ResetEsc_Cnt_M_Igc PsaAgAn_Strint_Of_t_M_enum PsaAgAn_Strint_Of_t_M_enum PsaAgAn_Strint_Of_t_M_enum PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290295 375.95224 -179.161255 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677 1047.37207	0 0 1 598.767212 1241.60339 1 1 1 PSAAGAN_DEFECT 0 -1.54290247 375.95224 -179.16124 PSAAGAN_MODININ 0 0 0 PSAAGAN_MODININ 1 -1664.82703 1388.10791 1 1 717.393677 1047.37207 2	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	-
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	-
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cnt	1	IntplVarXY u16 u16Xu16Y Cnt	1	~

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Name	Input Value
PsaAgAn_AbsltHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	603.338196
PsaAgAn_PinionTrqLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTir	ne) target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
: CmnSysTrqRatio HwNmpMtrNm f32	34.5157013
S PsaAgAn AbsHwPosLvI1 HwDeg f32	27.7724991
PsaAgAn AbsHwPosLvl2 HwDeg f32	17.9867992
saAgAn_EpsPrec_HwDeg_f32	19.5422993
	301.244202
z_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
c_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
S PsaAgAn OffsDataInitMinOffs HwDeg f32	1047.37207
S PsaAgAn OffsDataInitMinSrc Cnt u08	1
:_PsaAgAn_OffsetPolarity_HwDeg_f32	1
S PsaAgAn VehCondMaxHwTrq HwNm f32	9.00809956
PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.5
: PsaAgAn VehCondMaxPinTrq HwNm f32	0.534799993
PsaAgAn VehCondMaxVehSpd Kph f32	6.42719984
rsaAgAn_venCondMinTi_mS_u32 PsaAgAn_vehCondMinTi_mS_u32	6242
PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
rsaAgAn_AbsitHwAuthyY_Uis_u1p15[0] :_PsaAgAn_AbsitHwAuthyY_Uis_u1p15[1]	32768
: PsaAgAn AbsitHwAuthyY Uls u1p15[1]	0





Name	Input Value		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t PsaAgAn AbsitHwPosnPrecX HwDeg u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	1		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-610.407593		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	129.0289		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	2320436378		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl1 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0	Ont lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsItHwPosnPrecision HwDeg	target PsaAgArbn Per1 AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechM	ltrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosSt	atus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	m_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lg	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	ıc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	target PsaAgArbn Per1 EscOffsFromSerlCo	om HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition		
	target PsaAgArbn Per1 HwTorque HwNm		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target Pim PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
		1	Result
PsaAgAn_AbstraOffsEtDatel Cat_M_lgc	1		
PsaAgAn_AgArbnOffsFitDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	598.767212	598.767212	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	_
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-179.161255	-179.16124	-
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	_
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc		0	✓
	0		
PsaAgAn_SnsrMod_Cnt_M_enum	0 PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_StInit_Cnt_M_lgc			~
·	PSAAGAN_MODREL	PSAAGAN_MODREL	· ·





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1491.64038	-1491.64038	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1491.64038	-1491.64038 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	•
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	✓
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	•
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	•

Test Step 5.7 (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
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32 (ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32	301.244202
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1

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			1 - 4 - 10 - 10
Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32 k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	0.534799993 6.42719984		
k_PsaAgAn_venCondinaxvenSpd_kpn_isz k_PsaAgAn_VehCondMinTi_mS_u32	6242		
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	1679		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target Pim PsaAgArbnLrndOffsData.MaxOffset	1678.96814		
target Pim PsaAgArbnLrndOffsData.MinOffset	670.831177		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value target PsaAgArbn Per1 EscOffsEna Cnt lgc.value	1		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-610.407593		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002 0		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target PsaAgArbn Per1 VehicleSpeed Kph f32.value	129.0289		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_Rte_Inst_Ap_PsaAgArbn.PsaAg$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCulliweciliwitrosStatus	target_PsaAgArbn_Per1_AlignedCumMechl target_PsaAgArbn_Per1_AlignedRelHwPos		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerIC		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVIdFromSerlCom_Cnt_IgEscDataVIdFr$	target_PsaAgArbn_Per1_EscDataVldFromS	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_I		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_functions and the property of the prope$			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	/ - -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HandwheelPosition target_PsaAgArbn_Per1_HwTorque_HwNm		
target_Rte_Inst_Ap_rsaAgArbn.PsaAgArbn_Per1_mvTorque_mwini_is2 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeedValid target_PsaAgArbn_Per1_VehicleSpeed_Kpl		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_venicleSpeed_Rpn_132 target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_PsaAgArbn_Peri_venicleSpeed_kpi		
Name	Actual Value	Expected Value	Resu
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_igc	0	0	IXeSu
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1678.96814	1678.96814	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	670.831177	670.831177	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	•
	DOLLOW DEFECT	BOA 4 G 4::	
PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	PSAAGAN_DEFECT	PSAAGAN_DEFECT 0	



PsaAgArbn_	_Per1

Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	~
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-179.161255	-179.16124	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	1630	1630	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1678.96814	1678.96814	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	670.831177	670.831177	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814	1678.96814	✓
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177	670.831177	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	✓
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	504.068481	504.068481 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	455.100342	455.100342	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 5.8 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013





Name	Input Value		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	27.7724991		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992		
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993		
	301.244202		
k_PsaAgAn_MinPrecFail_HwDeg_f32			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	717.393677		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k PsaAgAn VehCondMaxHwTrg HwNm f32	9.00809956		
k PsaAgAn VehCondMaxMtrVel MtrRadpS f32	0.5		
	0.534799993		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32			
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984		
k_PsaAgAn_VehCondMinTi_mS_u32	6242		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]			
	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814		
target Pim PsaAgArbnLrndOffsData.MinOffset	670.831177		
target Pim PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	1		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target PsaAgArbn Per1 EscOffsFromSerlCom HwDeg f32.value	-610.407593		
	28.8223991		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value			
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target PsaAgArbn Per1 VehicleSpeed Kph f32.value	129.0289		
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target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvI1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_C	Cnt_lgc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Inst_Ap_PsaAgArbn_PsaAg$	target_PsaAgArbn_Per1_AbsltHwPosnPrecisi	ion_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Ci	nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus			
0 = = = = 0	0 - 0 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_h		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_Iquered and the property of the proper$	target_PsaAgArbn_Per1_EscDataVldFromSe	rlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	c	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 HandwheelAuthority Uls f32	target_PsaAgArbn_Per1_HandwheelAuthority		
· · - · - · - · - · - · - · - · -			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_t		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad	pS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPosnToSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_Mi		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_	f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc		0	, d
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	

PsaAgArbn_Per1



Name	Actual Value	Expected Value	Result
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	✓
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	✓
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL	PSAAGAN_MODFAIL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814	1678.96814	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177	670.831177	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	138.359619	138.359619	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	464.002197	464.002197 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 5.9 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	7.01840019
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-400.116486
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	603.338196
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL



Name	Input Value
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	34.5157013
k_PsaAgAn_AbsHwPosLvl1_HwDog_f32	27.7724991
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	17.9867992
k_PsaAgAn_EpsPrec_HwDeg_f32	19.5422993
k_PsaAgAn_MinPrecFail_HwDeg_f32 k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	301.244202 717.393677
k PsaAgAn OffsDataInitMaxSrc Cnt u08	2
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1047.37207
k PsaAgAn OffsDataInitMinSrc Cnt u08	1
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	9.00809956
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.534799993
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	6.42719984
k PsaAgAn VehCondMinTi mS u32	6242
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsItHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1678.96814
target_Pim_PsaAgArbnLrndOffsData.MinOffset	670.831177
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target Pim PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	7230.94092
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	-610.407593
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	28.8223991
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-1.55920005
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	377.429596
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1765.97131
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	464.002197
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-5.1887002
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	129.0289
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_Record (Apple 1) and (Apple 2) and (Apple$	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Inst_Ap_PsaAgArbn.PsaAg$	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32
	target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	ftrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	✓
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	598.767212	598.767212	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1241.60339	1241.60339	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_DEFECT	PSAAGAN_DEFECT	~
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.54290295	-1.54290247	~
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	375.95224	375.95224	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-179.161255	-179.16124	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1630	-1630	~
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	~
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1664.82703	-1664.82703	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1388.10791	1388.10791	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	717.393677	717.393677	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1047.37207	1047.37207	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVId_Cnt_lgc.value	1	1	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	-1491.64038	-1491.64038	~
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	7	7	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	-1491.64038	-1491.64038 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1630	-1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace	est Step Call Trace			V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	•
SnsrSupv	1	SnsrSupv	1	•
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	✓
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 5.10 (Repeat Count = 1)		✓
Name	Input Value	
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING	
PsaAgAn_EscProc_Cnt_M_lgc	0	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995	
PsaAgAn_HwTrqLPF_UIs_M_str.K_UIs_f32	0.998099983	





FSAAYAIDII_FEIT	- Tacitat
Name	Input Value
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
PsaAgAn RelHwPosnVldToSerlCom Cnt M lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
<pre><_CmnSysTrqRatio_HwNmpMtrNm_f32</pre>	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
	8
< PsaAgAn_AbsHwPosLvl2_HwDeg_f32	
C_PsaAgAn_EpsPrec_HwDeg_f32 C_PsaAgAn_MinProcEpil_HwDeg_f32	1
< PsaAgAn_MinPrecFail_HwDeg_f32 < PsaAgAn_OffsDatabiliMayOffs_HwDeg_f32	0
<_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
<_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
t PsaAgAn AbsltHwPosnPrecX HwDeg u16p0[2]	25
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target Pim PsaAgArbnLrndOffsData.MinSrc	2
target PsaAgArbn Per1 AlignedCumMechMtrPosStatus Cnt u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target PsaAgArbn Per1 CumMechMtrPosStatus Cnt u08.value	50
target PsaAgArbn Per1 EscAckFromSerlCom Cnt lgc.value	1
· - ·	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsitHwPosnVld_Cnt_lgc
	target_PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	
· · · · · · · · · · · · · · ·	target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0itarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_ target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08 target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32 target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl	target_PsaAgArbn_Per1_EscPrecision	FromSerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelA	uthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelP	osition_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_H	lwNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_I	MtrRadpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_H	lwDeg_f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnT	oSerlCom HwDeg f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnV	/ldToSerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessA	uthority_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessH	wPos_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdC	CRF MtrNm f32	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 VehicleSpeedValid Cnt Igc	target PsaAgArbn Per1 VehicleSpee	dValid Cnt Igc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpee		
target Rte Inst Ap PsaAgArbn.Pim PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	_ · _	
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	~
PsaAgAn AgArbnOffsFltDetd Cnt M Igc	1	1	✓
PsaAqAn AqArbnOffsFlt Cnt M Iqc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	~
PsaAgAn ComputedOffs Uls M str.MinOffset	849.708801	849.708801	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn ComputedOffs Uls M str.MinSrc	2	2	
PsaAgAn EscOffsSt Cnt M enum	PSAAGAN PROCESSING	PSAAGAN PROCESSING	•
PsaAgAn EscProc Cnt M Igc	1	1	
PsaAgAn HwTrqLPF UIs M str.SV UIs f32	-6.88630867	-6.88630819	_
PsaAgAn MtrVelLPF Uls M str.SV Uls f32	-230.438599	-230.438538	
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-26.3596191	-26.3596306	_
PsaAgAn PrevSnsrMod Cnt M enum	PSAAGAN_MODININ	PSAAGAN MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	_
PsaAgAn RelHwPosnVldToSerlCom Cnt M Igc	0	0	
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	_
PsaAgAn SnsrMod Cnt M enum	PSAAGAN MODININ	PSAAGAN MODININ	
PsaAgAn_StInit_Cnt_M_lgc	1	1	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	
PsaAgAn UsedOffs Uls M str.MinOffset	0	0	
PsaAgAn UsedOffs Uls M str.MaxSrc	2	2	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	-
target Pim PsaAgArbnLrndOffsData.MaxOffset	-1071.50867	-1071.50867	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	_
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	
· ·	0	0	
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_Igc.value target_PsaAgArbn_Per1_AbsltHwPosnLvI2_Cnt_Igc.value	0	0	
·	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	3	3	
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1		
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value		1 ± 1e-05	· ·
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	-
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	~

est Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsItHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY u16 u16Xu16Y Cpt	1	IntplVarXY u16 u16Xu16Y Cpt	1	_

Test Step 5.11 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1





Name	Input Value
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
•	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
3 2 3 2 3 2 3 2 2 3	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
PsaAgAn_MtrVelLPF_UIs_M_str.K_UIs_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn PinionTrqLPF UIs M str.K UIs f32	577.226013 0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN MODFAIL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
	0
	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN MODININ
	0
	0
	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_ 0 0_	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
_ ** 5 _ ** * 5 _ *	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
2 ** 3 2* * * * * * * * * * * * * * * *	0
k_PsaAgAn_OffsetPolarity_HwDeg_f32	-1 0.5
_ 0 _ = =	0.00999999978
	0.69999988
	3
k_PsaAgAn_vehCondMinTi_mS_u32	200
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
	0
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
0 = = 0	2
° °	2
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	29
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	50
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1
<u> </u>	0
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401 -1478.83533
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value target PsaAgArbn Per1 SensorlessAuthority Uls f32.value	1
target_PsaAgArbn_Per1_SensorlessAuthority_Ois_isz.value target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905
target PsaAgArbn Per1 TorqueCmdCRF MtrNm f32.value	-1.08829999
got our granding or in the residual or in th	1
target PsaAgArbn Per1 VehicleSpeedValid Cnt loc value	
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905 2978179701
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target Rte Call Ap PsaAgArbn SystemTime DtrmnElapsedTime uS u32 Elapse	2978179701
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc	2978179701 target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_	target_PsaAgArbn_Per1_AlignedCumMechN	MtrPosStatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0	target_PsaAgArbn_Per1_CumMechMtrPosS	tatus_Cnt_u08	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo	om_Cnt_lgc	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 EscDataVldFromSerlCom Cnt I	target_PsaAgArbn_Per1_EscDataVldFromSe	erlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lo	gc	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_fromSerlCom_H$	target_PsaAgArbn_Per1_EscOffsFromSerlC	om_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwI	target_PsaAgArbn_Per1_EscPrecisionFromS	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac	dpS_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnToSerlCom HwDeg	target_PsaAgArbn_Per1_RelHwPosnToSerl0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_132	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	l=	l = "
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc	0	0	•
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	Y
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	849.708801	849.708801	~
PsaAgAn_ComputedOffs_UIs_M_str.MaxSrc	2 2	2 2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN PROCESSING	PSAAGAN PROCESSING	-
PsaAgAn EscProc Cnt M Igc	1	1	
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	•
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	_
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	-26.3596191	-26.3596306	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	0	0	•
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0	0	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	•
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODININ	PSAAGAN_MODININ	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.50867	-1071.50867	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsItHwPosnVId_Cnt_Igc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	0	0	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	V
target_PsaAgArbn_Per1_HandwheelAuthority_UIs_f32.value	1	1 ± 1e-05	V
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	0	0	•



Test Step Call Trace	est Step Call Trace			V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	✓
SnsrSupv	1	SnsrSupv	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	✓
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 5.12 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
saAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
saAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
saAgAn_ComputedOffs_Uls_M_str.MinSrc	2
saAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
saAgAn_EscProc_Cnt_M_lgc	0
saAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995
saAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
saAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013
saAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
saAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
saAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
saAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
saAgAn_ResetEsc_Cnt_M_lgc	0
saAgAn SnsrMod Cnt M enum	PSAAGAN MODABSLT
saAgAn_StInit_Cnt_M_lgc	1
saAgAn_UsedOffs_Uls_M_str.MaxOffset	0
saAgAn_UsedOffs_Uls_M_str.MinOffset	0
saAgAn_UsedOffs_UIs_M_str.MaxSrc	2
saAgAn_UsedOffs_Uls_M_str.MinSrc	2
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(Elap	
tte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
_saAgAn_AbsHwPosLvl1_HwDeg_f32	20
_rsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
	1
_PsaAgAn_EpsPrec_HwDeg_f32	0
_PsaAgAn_MinPrecFail_HwDeg_f32	
_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
_PsaAgAn_OffsetPolarity_HwDeg_f32	-1
_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	0.5
_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.0099999978
_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	0.69999988
_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
_PsaAgAn_VehCondMinTi_mS_u32	200
_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0
PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10
PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25
PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679
arget_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508
arget_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405
arget Pim PsaAgArbnLrndOffsData.MaxSrc	2





Name	Input Value		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.91800022		
target PsaAgArbn Per1 MtrVelCRF MtrRadpS f32.value	-233.132401		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	247.380905		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_	target_PsaAgArbn_Per1_AbsltHwPosnPrecis		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnVld_C		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsitHwPosn_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AbsitHwPosn_HwD target_PsaAgArbn_Per1_AgArbnStToSerlCor		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target PsaAgArbn Per1 AlignedCumMechM		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_l		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 CumMechMtrPosStatus Cnt u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_EscAckFromSerlCo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_le			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_lg	С	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f$	target_PsaAgArbn_Per1_EscOffsFromSerlCo	m_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwL$	target_PsaAgArbn_Per1_EscPrecisionFromS	erlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthority		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRad		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_	target_PsaAgArbn_Per1_RelHwPos_HwDeg_ target_PsaAgArbn_Per1_RelHwPosnToSerlC	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToSe		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthority		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target_PsaAgArbn_Per1_SensorlessHwPos_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid_	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph_	_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1	1	~
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0	0	•
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0	0	_
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325	-1147.20325	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	849.708801		
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc		849.708801	
	2	2	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	2 PSAAGAN_PROCESSING	2 2 PSAAGAN_PROCESSING	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc	2	2	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	2 PSAAGAN_PROCESSING 1	2 PSAAGAN_PROCESSING 1	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	2 PSAAGAN_PROCESSING 1 -6.88630867	2 2 PSAAGAN_PROCESSING 1 -6.88630819	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599	2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191	2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1	2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1	2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT	2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1	2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 1 0	2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 1	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 O	2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 0	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVIdToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2	2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MinSrc	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2	2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_MtrVeILPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_UIs_M_str.MaxOffset PsaAgAn_UsedOffs_UIs_M_str.MinOffset PsaAgAn_UsedOffs_UIs_M_str.MaxSrc PsaAgAn_UsedOffs_UIs_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2 -227.701508	2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2 2 -227.701508	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnVldToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Strint_Cnt_M_enum PsaAgAn_Strint_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbLrndOffsData.MaxOffset target_Pim_PsaAgArbLrndOffsData.MaxOffset	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2 -227.701508 -215.790405	2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2 2 -227.701508 -215.790405	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum PsaAgAn_EscProc_Cnt_M_lgc PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 PsaAgAn_PrevSnsrMod_Cnt_M_enum PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PsaAgAn_Stlnit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset PsaAgAn_UsedOffs_Uls_M_str.MinOffset PsaAgAn_UsedOffs_Uls_M_str.MaxSrc PsaAgAn_UsedOffs_Uls_M_str.MinSrc target_Pim_PsaAgArbInIrndOffsData.MaxOffset	2 PSAAGAN_PROCESSING 1 -6.88630867 -230.438599 -26.3596191 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2 -227.701508	2 2 PSAAGAN_PROCESSING 1 -6.88630819 -230.438538 -26.3596306 PSAAGAN_MODABSLT 1630 1 0 PSAAGAN_MODABSLT 1 0 0 2 2 2 -227.701508	





Name	Actual Value	Expected Value	Result
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	✓
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	1	1	✓
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	✓
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	3	3	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	✓
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1600	1600 ± 0.00001	✓
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	✓
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	✓

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	~
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	~
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 5.13 (Repeat Count = 1)	
Name	Input Value
PsaAgAn_AbsItHwPosnLvI2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1147.20325
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	849.708801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	0
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	9.76189995
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	1184.67786
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	577.226013
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	459.884613
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	18.9200001
k_PsaAgAn_AbsHwPosLvl1_HwDeg_f32	20
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	8
k_PsaAgAn_EpsPrec_HwDeg_f32	1
k_PsaAgAn_MinPrecFail_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1071.50867
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
<pre></pre>	-1
<pre>c_</pre>	0.5
<pre>cc <_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32</pre>	0.0099999978
k PsaAgAn VehCondMaxPinTrq HwNm f32	0.69999988
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	3
k_PsaAgAn_VehCondMinTi_mS_u32	200
t PsaAgAn AbsitHwAuthyY Uls u1p15[0]	32768
t PsaAgAn AbsltHwAuthyY Uls u1p15[1]	32768





Name	Input Value		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsitHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3] target Pim PsaAgArbnLrndOffsData.MaxOffset	1679 -227.701508		
target_Pim_PsaAgArbnLrndOffsData.MiaxOffset	-215.790405		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	4635.54395		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	0 0		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0		
target PsaAgArbn Per1 HwTorque HwNm f32.value	-6.91800022		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-233.132401		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	-1478.83533		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	1		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1458.02905		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	-1.08829999		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse	247.380905 2978179701		
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_AbsitHwPosnLvI1_Cnt_lgc	target PsaAgArbn Per1 AbsltHwPosnLvl1	Cnt lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsitHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnVld_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_Hwl	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	om_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechI		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwl			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthori	ty_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32	target_PsaAgArbn_Per1_HandwheelPosition	n_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa	· -	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDe(target_PsaAgArbn_Per1_RelHwPosnToSerl	-	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg, target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_	target_PsaAgArbn_Per1_RelHwPosnVldToS		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessAuthority Uls f32	target_PsaAgArbn_Per1_SensorlessAuthori		
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 SensorlessHwPos HwDeg f32	target PsaAgArbn Per1 SensorlessHwPos		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_I	- 0- MtrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid	I_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kpl	n_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	0	0	
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	1	1	_
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1	1	-
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1147.20325 849.708801	-1147.20325 849.708801	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	_
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	-
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT	PSAAGAN_INIT	✓
PsaAgAn_EscProc_Cnt_M_lgc	0	0	~
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-6.88630867	-6.88630819	-
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-230.438599	-230.438538	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-26.3596191	-26.3596306	_
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	✓
PsaAgAn_RelHwPosnVidToSorlCom_Cnt_M_lac	1630	1630	Ž
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	Ž
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT	PSAAGAN_MODABSLT	
PsaAgAn_StInit_Cnt_M_lgc	1	1	~
. 55. (g. 10tilit_on_in_igo			





Name	Actual Value	Expected Value	Result
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.701508	-227.701508	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-215.790405	-215.790405	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	0	0 ± 1e-05	~
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	1600	1600	-
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	0	0	~
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	1	1 ± 1e-05	~
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1458.02905	1458.02905 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	1630	1630 ± 1e-05	~
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
RecommendedState	1	RecommendedState	1	~
VehCondChk	1	VehCondChk	1	✓
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	~
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	✓

Test Step 5.14 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsitHwPosnLvi2_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	0
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	191.881699
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	339.556213
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_INIT
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	6.25629997
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	0
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-674.417419
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.594600022
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODABSLT
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	939.021118
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	0
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	1
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1190.04016
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_CmnSysTrqRatio_HwNmpMtrNm_f32	68.1901016
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	26.5265007
k_PsaAgAn_AbsHwPosLvI2_HwDeg_f32	12.2961998
k_PsaAgAn_EpsPrec_HwDeg_f32	15.4428997
k_PsaAgAn_MinPrecFail_HwDeg_f32	44.0638008
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	476.084015
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1591.73352
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0

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PsaAgArbn_Per1



Name	Input Value		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	7.5474		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	10		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	10		
k_PsaAgAn_VehCondMinTi_mS_u32	1497		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0] t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768 32768		
t_PsaAgAn_AbsitHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1071.91455		
target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc	377.772797		
target Pim PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	115		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	-7434.5957		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	100		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1438.44604 9.64780045		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-0.900900006		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-543.972717		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	575.169373		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.0966999978		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1540.26025		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	1.71500003		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	224.617203		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapsetarget_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnLvl2 Cnt Igc	target_PsaAgArbn_Per1_AbsltHwPosnLvl2_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsltHwPosn_HwD	Deg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum	target_PsaAgArbn_Per1_AgArbnStToSerlCo	m_Cnt_enum	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	· · ·	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_Igc	target_PsaAgArbn_Per1_CumMechMtrPosS target_PsaAgArbn_Per1_EscAckFromSerICo		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_I			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_k		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_t			
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwlore AgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwlore AgArbn_PsaAgArbn_PsaAgArbn_Per1_EscPrecisionFromSerlCom_Hwlore AgArbn_PsaAgA$	target_PsaAgArbn_Per1_EscPrecisionFrom	SerlCom_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm_		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRac		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32 target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg	target_PsaAgArbn_Per1_RelHwPos_HwDeg target_PsaAgArbn_Per1_RelHwPosnToSerle	_	
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 RelHwPosnVldToSerlCom Cnt			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_N	/trNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_Igc	target_PsaAgArbn_Per1_VehicleSpeedValid		
toward Dtaileast As Dankashas Dankashas Dank Makisla Osaard Kab 600	target_PsaAgArbn_Per1_VehicleSpeed_Kph	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	toract Diss Dog A - A - b - 1 C// D 1		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData	Even a start Malica	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name	Actual Value	Expected Value	Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	Actual Value	0	•
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	Actual Value		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	Actual Value 0 0 0	0 0 0	•
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	Actual Value 0 0	0	Result
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsItHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFitDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Cnt_M_Igc PsaAgAn_AgArbnOffsFit_Us_M_str.MaxOffset	Actual Value 0 0 0 191.881699	0 0 0 191.881699	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	Actual Value 0 0 191.881699 339.556213	0 0 0 191.881699 339.556213	•
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc PsaAgAn_EscOffsSt_Cnt_M_enum	Actual Value 0 0 191.881699 339.556213 1 0 PSAAGAN_POWERCUT	0 0 0 191.881699 339.556213 1 0 PSAAGAN_POWERCUT	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData Name PsaAgAn_AbsltHwPosnLvI2_Cnt_M_Igc PsaAgAn_AgArbnOffsFltDetd_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_AgArbnOffsFlt_Cnt_M_Igc PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset PsaAgAn_ComputedOffs_Uls_M_str.MinOffset PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	Actual Value 0 0 191.881699 339.556213 1 0	0 0 0 191.881699 339.556213 1	





Name	Actual Value	Expected Value	Result
PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32	-323.446198	-323.446198	~
PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32	-204.408386	-204.408371	~
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	•
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	575.169373	575.169373	✓
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	~
PsaAgAn_ResetEsc_Cnt_M_lgc	0	0	✓
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL	PSAAGAN_MODREL	~
PsaAgAn_StInit_Cnt_M_lgc	1	1	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	191.881699	191.881699	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-942.6521	-942.6521	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	476.084015	476.084015	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1591.73352	1591.73352	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnLvI1_Cnt_lgc.value	0	0	•
target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_f32.value	567.266907	567.266907 ± 1e-05	•
target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value	0	0	~
target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value	950.554626	950.554565	•
target_PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum.value	1	1	✓
target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value	0.0966999978	0.0966999978 ± 1e-05	•
target_PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32.value	1540.26025	1540.26025 ± 0.00001	~
target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	575.169373	575.169373 ± 1e-05	•
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value	1	1	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	~
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	~
SnsrMon	1	SnsrMon	1	~
SnsrSupv	1	SnsrSupv	1	✓
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
RecommendedState	1	RecommendedState	1	✓
VehCondChk	1	VehCondChk	1	~
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	•
SwitchOffs	1	SwitchOffs	1	•
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	~
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	~

Test Step 5.15 (Repeat Count = 1)	✓
Name	Input Value
PsaAgAn_AbsltHwPosnLvl2_Cnt_M_lgc	1
PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc	0
PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc	1
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1459.69446
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	498.445801
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0
PsaAgAn_EscOffsSt_Cnt_M_enum	PSAAGAN_PROCESSING
PsaAgAn_EscProc_Cnt_M_lgc	1
PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32	-1.59350002
PsaAgAn_HwTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_MtrVelLPF_UIs_M_str.SV_UIs_f32	1350
PsaAgAn_MtrVelLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PinionTrqLPF_UIs_M_str.SV_UIs_f32	712.353882
PsaAgAn_PinionTrqLPF_Uls_M_str.K_Uls_f32	0.998099983
PsaAgAn_PrevSnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32	-1315.08752
PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc	0
PsaAgAn_ResetEsc_Cnt_M_lgc	1
PsaAgAn_SnsrMod_Cnt_M_enum	PSAAGAN_MODREL
PsaAgAn_StInit_Cnt_M_lgc	0
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0
$Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32(ElapsedTime)$	target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_ElapsedTime
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn





	1		
Name	Input Value		
k_CmnSysTrqRatio_HwNmpMtrNm_f32	47.3139992		
k_PsaAgAn_AbsHwPosLvI1_HwDeg_f32	14.8210001		
k_PsaAgAn_AbsHwPosLvl2_HwDeg_f32	3.53679991		
k_PsaAgAn_EpsPrec_HwDeg_f32	7.92469978		
k_PsaAgAn_MinPrecFail_HwDeg_f32	108.7286		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-315.588287		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	214.716599		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
k_PsaAgAn_OffsetPolarity_HwDeg_f32	1		
k_PsaAgAn_VehCondMaxHwTrq_HwNm_f32	2.75830007		
k_PsaAgAn_VehCondMaxMtrVel_MtrRadpS_f32	0.5		
k_PsaAgAn_VehCondMaxPinTrq_HwNm_f32	4.98029995		
k_PsaAgAn_VehCondMaxVehSpd_Kph_f32	1.83860004		
k_PsaAgAn_VehCondMinTi_mS_u32	7181		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[0]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[1]	32768		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[2]	0		
t_PsaAgAn_AbsltHwAuthyY_Uls_u1p15[3]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[0]	0		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[1]	10		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[2]	25		
t_PsaAgAn_AbsltHwPosnPrecX_HwDeg_u16p0[3]	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	822.940918		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1510.28345		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Per1_AlignedCumMechMtrPosStatus_Cnt_u08.value	137		
target_PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32.value	3196.17456		
target_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u08.value	187		
target_PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsEna_Cnt_lgc.value	1		
target_PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f32.value	1630		
target_PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwDeg_f32.value	0.643999994		
target_PsaAgArbn_Per1_HwTorque_HwNm_f32.value	-6.1553998		
target_PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32.value	-1211.9668		
target_PsaAgArbn_Per1_RelHwPos_HwDeg_f32.value	2941.72778		
target_PsaAgArbn_Per1_SensorlessAuthority_Uls_f32.value	0.168200001		
target_PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32.value	1499.7854		
target_PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32.value	7.37270021		
target_PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc.value	0		
target_PsaAgArbn_Per1_VehicleSpeed_Kph_f32.value	184.215698		
target_Rte_Call_Ap_PsaAgArbn_SystemTime_DtrmnElapsedTime_uS_u32_Elapse			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn.Per1_AbsltHwPosnLvl1_Cnt_lgc	target_PsaAgArbn_Per1_AbsltHwPosnLvl1_	Cnt lac	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_Igc	target PsaAgArbn Per1 AbsltHwPosnLvl2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosnPrecision_HwDeg_			
target Rte Inst Ap PsaAgArbn.PsaAgArbn Per1 AbsltHwPosnVld Cnt Igc			
	target_PsaAgArbn_Per1_AbsitHwPosnVId_0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32	target_PsaAgArbn_Per1_AbsitHwPosn_HwE		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AgArbnStToSerlCom_Cnt_enum			
target Rte Inst Ap PsaAgArbn PsaAgArbn Per1 AlignedCumMechMtrPosStatus	target_PsaAgArbn_Per1_AlignedCumMechN		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_AlignedRelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_AlignedRelHwPos_	·	
target_Rte_Inst_Ap_PsaAgArbn_PsaAgArbn_Per1_CumMechMtrPosStatus_Cnt_u0i			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscAckFromSerlCom_Cnt_lgc	target_PsaAgArbn_Per1_EscAckFromSerIC		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscDataVldFromSerlCom_Cnt_l			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Per1_EscOffsEna_Cnt_l		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscOffsFromSerlCom_HwDeg_f			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_EscPrecisionFromSerlCom_HwD			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelAuthority_Uls_f32	target_PsaAgArbn_Per1_HandwheelAuthorit	,	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_HwTorque_HwNm_f32	target_PsaAgArbn_Per1_HwTorque_HwNm	_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_MtrVelCRF_MtrRadpS_f32	target_PsaAgArbn_Per1_MtrVelCRF_MtrRa		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPos_HwDeg_f32	target_PsaAgArbn_Per1_RelHwPos_HwDeg	_	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_$	target_PsaAgArbn_Per1_RelHwPosnToSerle	Com_HwDeg_f32	
$target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_RelHwPosnVldToSerlCom_Cn$	target_PsaAgArbn_Per1_RelHwPosnVldToS	SerlCom_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessAuthority_Uls_f32	target_PsaAgArbn_Per1_SensorlessAuthorit	y_Uls_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_SensorlessHwPos_HwDeg_f32	target_PsaAgArbn_Per1_SensorlessHwPos_	_HwDeg_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_TorqueCmdCRF_MtrNm_f32	target_PsaAgArbn_Per1_TorqueCmdCRF_M	/ltrNm_f32	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeedValid_Cnt_lgc	target_PsaAgArbn_Per1_VehicleSpeedValid	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Per1_VehicleSpeed_Kph_f32	target_PsaAgArbn_Per1_VehicleSpeed_Kph	1_f32	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_AbsitHwPosnLvI2_Cnt_M_lgc	0	0	•
rsaayai_Adsitmwrosnlviz_Unt_M_igc	U	U	

 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MinOffset}$

PsaAgAn_UsedOffs_Uls_M_str.MaxSrc

PsaAgAn_UsedOffs_Uls_M_str.MinSrc

target_Pim_PsaAgArbnLrndOffsData.MaxOffset

target_Pim_PsaAgArbnLrndOffsData.MinOffset target_Pim_PsaAgArbnLrndOffsData.MaxSrc

 $target_Pim_PsaAgArbnLrndOffsData.MinSrc$

target_PsaAgArbn_Per1_AbsltHwPosnLvl1_Cnt_lgc.value

target_PsaAgArbn_Per1_AbsltHwPosnLvl2_Cnt_lgc.value

target_PsaAgArbn_Per1_AbsltHwPosnVld_Cnt_lgc.value

 $target_PsaAgArbn_Per1_AbsltHwPosn_HwDeg_f32.value$

target_PsaAgArbn_Per1_HandwheelAuthority_Uls_f32.value

target PsaAgArbn Per1 AgArbnStToSerlCom Cnt enum.value

target PsaAgArbn Per1 HandwheelPosition HwDeg f32.value

target_PsaAgArbn_Per1_RelHwPosnToSerlCom_HwDeg_f32.value

target_PsaAgArbn_Per1_AbsItHwPosnPrecision_HwDeg_f32.value

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PsaAgArbn_Per1 **Actual Value Expected Value** PsaAgAn_AgArbnOffsFltDetd_Cnt_M_lgc 0 0 PsaAgAn_AgArbnOffsFlt_Cnt_M_lgc $PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset$ 1638.56873 1638.56873 $PsaAgAn_ComputedOffs_Uls_M_str.MinOffset$ 1621.43127 1621.43127 $PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc$ 2 2 $PsaAgAn_ComputedOffs_Uls_M_str.MinSrc$ 2 PsaAgAn_EscOffsSt_Cnt_M_enum PSAAGAN_PROCESSING PSAAGAN_PROCESSING ${\sf PsaAgAn_EscProc_Cnt_M_Igc}$ **✓** PsaAgAn_HwTrqLPF_Uls_M_str.SV_Uls_f32 -6.14673233 -6.14673233 $PsaAgAn_MtrVelLPF_Uls_M_str.SV_Uls_f32$ -1207 09912 -1207 099 PsaAgAn_PinionTrqLPF_Uls_M_str.SV_Uls_f32 343.378937 343.378937 ~ PsaAgAn_PrevSnsrMod_Cnt_M_enum PSAAGAN MODREL PSAAGAN MODREL **V** PsaAgAn_RelHwPosnToSerlCom_HwDeg_M_f32 1630 1630 PsaAgAn_RelHwPosnVldToSerlCom_Cnt_M_lgc 1 1 PsaAgAn_ResetEsc_Cnt_M_lgc PsaAgAn_SnsrMod_Cnt_M_enum PSAAGAN MODREL PSAAGAN MODREL ~ PsaAgAn_StInit_Cnt_M_lgc PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1679 1679

-1679

822.940918

1510.28345

2

0

0

0

0

0

1679

1600

1630

0.168200001

1499.7854

-1679

822.940918

1510.28345

1679 ± 1e-05

1630 ± 1e-05

0 168200001 + 1e-05

1499.7854 ± 0.00001

2

0

0

0

0

0

2

1600

3 2 3 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3 3				
target_PsaAgArbn_Per1_RelHwPosnVldToSerlCom_Cnt_lgc.value		1 1	1	
Test Step Call Trace				v
Actual Function	Count	Expected Function	Count	Result
ESCOffsMngr	1	ESCOffsMngr	1	•
OffsConsistencyFltMngt	1	OffsConsistencyFltMngt	1	•
SnsrMon	1	SnsrMon	1	
SnsrSupv	1	SnsrSupv	1	•
RecommendedState	1	RecommendedState	1	-
VehCondChk	1	VehCondChk	1	•
Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_PsaAgArbn_SystemTime_GetSystemTime_mS_u32	1	-
SwitchOffs	1	SwitchOffs	1	-
GenRawAbsltHwPosnSignals	1	GenRawAbsltHwPosnSignals	1	-
IntplVarXY_u16_u16Xu16Y_Cnt	1	IntplVarXY_u16_u16Xu16Y_Cnt	1	-

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PsaAgArbn_Init1

Test Object

Project PsaAgArbn_CF039A

Module PsaAgArbn

PsaAgArbn_Init1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	4
Successful	4
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP
Configuration File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NoUTP\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)\PsaAgArbn\src\Ap_PsaAgArbn.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D_inline= -D_extern= -Dconst= -I\$(PROJECTROOT)\PsaAgArbn\tools\Contract -I\$(PROJECTROOT) \PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -D_STATIC= -D_inline= -D_extern= -Dconst= -I\$(PROJECTROOT)\PsaAgArbn\tools\Contract -I\$(PROJECTROOT) \PsaAgArbn\tools\Contract\Ap_PsaAgArbn -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

Name	Text
Module 'PsaAgArbn'	Unit Test Information Name of Tester: Ashish John Code File(s) Under Test:Ap_PsaAgArbn.c Code File(s) Version: 6 Module Design Document:PsaAgArbn_MDD.docx Module Design Document Version: 4 Data Dictionary Version: 6 Unit Test Plan Version: 5 Optimization Level:Ogeneral Compiler (CodeGen) Version: TMS470_4.9.5 Model Type:None Model Version:Nexteer EPS Unit Test Tool 1.0 Total FLASH Used (Bytes): 3380 Total RAM Used (Bytes): 3380 Total RAM Used (Bytes): 75 Total CALS Used (Bytes): 86 Special Test Requirements:NA Test Date:3/3/2018 Comments: Note: The Inline functions are not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference. Note3: The Expected outputs are calculated from MATLAB model. Note4: Local functions "ESCOffsMngr", "OffsConsistencyFitMngt", "SnsrMon", "SnsrSupv", "RecommendedState", "GenRawAbsItHwPosnSignals", "VehCondChk" and "SwitchOffs" are not tested individually as they are tested in function "PsaAgArbn_Per1 For snapshot please refer "PsaAgArbn_PsaAgArbn_Per1 Coverage". Note5: In function "ESCOffsMngr", low path Coverage for MC/DC exists at source line no. 1267.

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj

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Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(TESSY_SYSPATH)\compiler\ti\tms470\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PsaAgArbn_CF039A_2.0.0_0_NOUTP\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metric Test

Description

Vector Description:

TS1.1"Shortest execution path:
if ((NVMStsReqRes_Cnt_T_enum != NVM_REQ_OK) ||((EscOffsEna_Cnt_T_lgc == D_FALSE_CNT_LGC)
&&((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc != D_SRCNONE_CNT_U08) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc !=
D_SRCNONE_CNT_U08))))==>F
&& if ((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc == D_SRCNONE_CNT_U08) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc ==
D_SRCNONE_CNT_U08)) ==>F"
TS1.2"Longest execution path:
if ((NVMStsReqRes_Cnt_T_enum != NVM_REQ_OK) ||((EscOffsEna_Cnt_T_lgc == D_FALSE_CNT_LGC)
&&((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc != D_SRCNONE_CNT_U08)) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc !=
D_SRCNONE_CNT_U08))))==>T
&& if ((Rte_Pim_PsaAgArbnLrndOffsData()->MaxSrc == D_SRCNONE_CNT_U08)) ||(Rte_Pim_PsaAgArbnLrndOffsData()->MinSrc ==
D_SRCNONE_CNT_U08))) ==>T"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	-
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025	1235.01025	-
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698	-231.202698	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	-
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	-

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	_

Test Step 1.2 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0

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PsaAgArbn_Init1

Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Case 2: Range Test

Description

Vector Description:

TS2.1All Min

TS2.1All Min
TS2.2All Max
TS2.3EscOffsEna_Cnt_lgc==>FALSE
TS2.4EscOffsEna_Cnt_lgc==>TRUE
TS2.5Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.6Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.7Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.8Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.9Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.9Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus
TS2.10Rte_Call_PsaAgArbnLrndOffsBlk_GetErrorStatus

Test Step 2.1 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	0		
k_PsaAgAn_MtrVelFilt_Hz_f32	0		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStat	ι 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lo	jc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn ComputedOffs UIs M str.MinOffset	-1679	-1679	~
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~



Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~		
expf	3	expf	3	~		
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~		

Test Step 2.2 (Repeat Count = 1)			
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_	PsaAgArbnLrndOffsBlk_GetErrorStatus_Erro	rStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	500		
k_PsaAgAn_MtrVelFilt_Hz_f32	500		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
k_PsaAgAn_PinionTrqFilt_Hz_f32	500		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSt	atı 5		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsE	Ena_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsD	ata	
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	1679	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	1679	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	•
target Pim PsaAgArbnLrndOffsData.MinSrc	2	2	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
expf	3	expf	3	~	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 2.3 (Repeat Count = 1)			V
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus ErrorStatus	1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
			~

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PsaAgArbn_Init1

Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
expf	3	expf	3	~	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•	

Name	Input Value		
	•	A A L L 10" B" 0 15 01 1 5 01 1	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)		saAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	tı 2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEr	a_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsDa	a	
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	٠,
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	٠,
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	٠,
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 2.5 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15

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PsaAgArbn_Init1

Name	Input Value		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	0	~
	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1000		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
0 = = 0		-1630 0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	-

Test Step 2.6 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus ErrorStatu	1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	-
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓





Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	•
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArb	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	atı 2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_l	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte Call An PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call An PsaAgArbn NxtrDiagMgr SetNTCStatus	1	V





Test Step 2.8 (Repeat Count = 1)			V
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbi	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	tı 3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lo	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•

Test Step Call Trace				
Count	Expected Function	Count	Result	
1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
3	expf	3	•	
1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•	
	Count 1 1 1 1 1	1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus 3 expf	1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus 1 1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus 1 3 expf 3	

Test Step 2.9 (Repeat Count = 1)			~
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStat	ι 4		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	c	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	│ ✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	√
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	·
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	√
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
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Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.10 (Repeat Count = 1)			~
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaA	gArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	*none*		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	*none*		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	*none*		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	atı 5		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_0	Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1630	-1630	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	-
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	-
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	-
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
expf	3	expf	3	~	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•	

Test Case 3: PIM Range Test

Description Vector Description:

TS3.1Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Min TS3.2Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Max TS3.3Rte_Pim_PsaAgArbnLrndOffsData.MaxSrc==>Pos TS3.4Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Min TS3.5Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Max TS3.6Rte_Pim_PsaAgArbnLrndOffsData.MinSrc==>Pos

Test Step 3.1 (Repeat Count = 1)	•
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15

 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$

target_Pim_PsaAgArbnLrndOffsData.MaxSrc

target_Pim_PsaAgArbnLrndOffsData.MinSrc

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Input Value k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_PinionTrqFilt_Hz_f32 17 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 914.810303 target_Pim_PsaAgArbnLrndOffsData.MinOffset -772.272278 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 0 target_Pim_PsaAgArbnLrndOffsData.MinSrc 0 0 $target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value$ target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu 1 $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc$ target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc $target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData$ target_Pim_PsaAgArbnLrndOffsData Name **Actual Value Expected Value** Result PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1630 1630 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -1630 -1630 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 0 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1630 1630 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MinOffset}$ -1630 -1630 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 0 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MinSrc}$ 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

-1630

0

0

-1630

0

0

Test Step 3.2 (Repeat Count = 1)			
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	445.00589		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	319.320709		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~





Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	909.408875		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1042.05835		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
expf	3	expf	3	~	
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓	





Test Step 3.4 (Repeat Count = 1)			V
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	775.089417		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-262.046112		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	4		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1314.73242		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	510.002197		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	5		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	c	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~





Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

Test Step 3.6 (Repeat Count = 1)			~
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAg	ArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	ıtı O		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_C	nt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	-
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1235.01025	1235.01025	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-231.202698	-231.202698	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	-
target Pim PsaAgArbnLrndOffsData.MinSrc	1	1	■

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
expf	3	expf	3	✓
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•



Test Case 4: PRM Range Test

Description

Vector Description:

TS4.1k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Min TS4.2k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Max TS4.3k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Pos TS4.4k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Zero TS4.5k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Default TS4.7k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32==>Default TS4.7k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Max TS4.9k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Max TS4.9k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero TS4.10k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero TS4.10k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero TS4.11k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero TS4.11k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero TS4.11k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero TS4.11k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32==>Zero TS4.11k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max TS4.15k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max TS4.15k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Max TS4.16k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Nax TS4.18k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos TS4.19k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08==>Pos TS4.19k_PsaAgAn_HwTrqFilt_Hz_f32==>Min TS4.20k_PsaAgAn_HwTrqFilt_Hz_f32==>Max TS4.21k_PsaAgAn_HwTrqFilt_Hz_f32==>Default TS4.22k_PsaAgAn_HwTrqFilt_Hz_f32==>Default TS4.23k_PsaAgAn_MtrVelFilt_Hz_f32==>Default TS4.24k_PsaAgAn_MtrVelFilt_Hz_f32==>Default TS4.25k_PsaAgAn_MtrVelFilt_Hz_f32==>Default TS4.28k_PsaAgAn_PinionTrqFilt_Hz_f32==>Default TS4.28k_Psa

Test Step 4.1 (Repeat Count = 1)			•
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArl	bnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1302.07825		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1572.90845		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus ErrorSta	atı 0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_	<u>lgc</u>	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-1679	-1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•





Test Step 4.2 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-788.459412		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	200.514999		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1679	1679	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1679	1679	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_UIs_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1679	1679	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

			✓
Count	Expected Function	Count	Result
1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
3	expf	3	•
1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•
	Count 1 1 1 1 1	1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus 3 expf	1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus 1 1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus 1 3 expf 3

Name	Input Value		
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus(ErrorStatus)	target Rte Call Ap PsaAgArbn PsaAgAr	onLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1243.47559		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	363.472107		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-127.111298		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStat	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_	lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn ComputedOffs Uls M str.MaxOffset	1243.47559	1243.47559	•
PsaAgAn ComputedOffs Uls M str.MinOffset	-1630	-1630	•
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1243.47559	1243.47559	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	-
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1243.47559	1243.47559	•
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	

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Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 4.4 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbi	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	0		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	603.284302		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-195.7995		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStat	ι 2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lo	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

Test Step 4.5 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	-896.456726
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1539.43567
target_Pim_PsaAgArbnLrndOffsData.MinOffset	761.797119
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1
target_PsaAgArbn_Init1_EscOffsEna_Cnt_Igc.value	1

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Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	-896.456726	-896.456726	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	-896.456726	-896.456726	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-896.456726	-896.456726	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
expf	3	expf	3	~	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•	

Name	Input Value		
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus(ErrorStatus)	- ·	AgArbnLrndOffsBlk GetErrorStatus ErrorStatus	
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn	3	
k PsaAgAn HwTrqFilt Hz f32	10		
k PsaAgAn MtrVelFilt Hz f32	15		
k PsaAgAn OffsDataInitMaxOffs HwDeg f32	1630		
k PsaAgAn OffsDataInitMaxSrc Cnt u08	0		
k PsaAgAn OffsDataInitMinOffs HwDeg f32	-1630		
k PsaAgAn OffsDataInitMinSrc Cnt u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1096.8031		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-905.042175		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	atı 3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna	_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•





Test Step 4.7 (Repeat Count = 1)			~
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgAr	bnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1384.46863		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	302.321411		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	atı 1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt	_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1679	-1679	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1679	-1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1679	-1679	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				
Count	Expected Function	Count	Result	
1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
3	expf	3	~	
1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~	
	Count 1 1 1 1 1	1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus 3 expf	1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus 1 1 Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus 1 3 expf 3	

Test Step 4.8 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1679		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-920.167603		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-658.783691		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	4		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1679	1679	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1679	1679	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1679	1679	~





Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 4.9 (Repeat Count = 1)			~
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgA	ArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	1245.87964		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	549.103516		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-988.378113		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	ıtı 2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cr	ıt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	-
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	1245.87964	1245.87964	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	1245.87964	1245.87964	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	•
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1245.87964	1245.87964	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
expf	3	expf	3	•	
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAqArbn NxtrDiagMqr SetNTCStatus	1	✓	

Test Step 4.10 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	0
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	158.610596
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1008.12311
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1

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Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 4.11 (Repeat Count = 1)				
Name	Input Value			
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	arget_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_HwTrqFilt_Hz_f32	10			
k_PsaAgAn_MtrVelFilt_Hz_f32	15			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-192.456696			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
k_PsaAgAn_PinionTrqFilt_Hz_f32	17			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-414.77771			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1146.35864			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2			
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0			
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	0			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	gc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	-	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-192.456696	-192.456696	-	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	-	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	-	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	-	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-192.456696	-192.456696	-	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	-	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	-	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-192.456696	-192.456696	•	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	-	
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0		

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
expf	3	expf	3	~	
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call An PsaAgArbn NxtrDiagMgr SetNTCStatus	1	~	





Test Step 4.12 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-737.505005		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus_	tı O		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lo	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-227.5578	-227.5578	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-737.505005	-737.505005	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	✓

rest step Can Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 4.13 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	281.804413		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1019.45148		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	5		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	c	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_UIs_M_str.MaxOffset	1630	1630	-
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1630	-1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	·
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	·
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	-
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	-
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	-
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	-





Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 4.14 (Repeat Count = 1)			V	
Name	Input Value			
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	arget_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_HwTrqFilt_Hz_f32	10			
k_PsaAgAn_MtrVelFilt_Hz_f32	15			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	2			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
k_PsaAgAn_PinionTrqFilt_Hz_f32	17			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-230.894302			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	745.720093			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0			
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1			
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	1			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	ıc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	2	2	~	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	2	2	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2	2	~	
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
expf	3	expf	3	~	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 4.15 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	1
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	17
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-961.815491
target_Pim_PsaAgArbnLrndOffsData.MinOffset	155.622101
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu	4





Name	Input Value		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lo	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	1	1	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1	1	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorSt	atus) target_Rte_Call_Ap_PsaAg	Arbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_Err	rorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAg	Arbn	
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1438.34387		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-699.828918		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_	ErrorStatı 2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_Es	cOffsEna_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrnd	IOffsData	
Name	Actual Value	Expected Value	Resu
PsaAgAn ComputedOffs Uls M str.MaxOffset	1630	1630	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1630	-1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	✓
expf	3	expf	3	~
Rte Call Ap PsaAqArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

Test Step 4.17 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus

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Name	Input Value		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	2		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	695.936096		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1250.48438		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	c	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	2	2	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	•
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_UIs_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	2	2	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2	2	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 4.18 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	1		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1210.87109		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	693.873474		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	1	1	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	1	1	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1	1	~





Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
expf	3	expf	3	•	
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 4.19 (Repeat Count = 1)			✓	
Name	Input Value			
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaA	rget_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus		
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn			
k_PsaAgAn_HwTrqFilt_Hz_f32	0			
k_PsaAgAn_MtrVelFilt_Hz_f32	15			
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630			
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0			
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630			
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0			
k_PsaAgAn_PinionTrqFilt_Hz_f32	17			
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	6.48530006			
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1168.88525			
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2			
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0			
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0			
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	atı O			
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_0	Cnt_lgc		
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData			
Name	Actual Value	Expected Value	Result	
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~	
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1630	-1630	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	✓	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓	
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~	
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	✓	
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	-	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•	
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	-	
target Pim PsaAqArbnLrndOffsData.MinSrc	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	•

Test Step 4.20 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbn	LrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	500		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-958.922424		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1608.01685		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus ErrorStatu	5		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	JC	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
			•

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Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•

Name	Input Value		
	•		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)		PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	295.452423		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1311.58862		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	401.030396		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	tı 1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsI	Ena_Cnt_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsD	ata	
Name	Actual Value	Expected Value	Resul
PsaAgAn ComputedOffs Uls M str.MaxOffset	1630	1630	•
PsaAgAn ComputedOffs Uls M str.MinOffset	-1630	-1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	•
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn UsedOffs Uls M str.MaxOffset	1630	1630	٠,
PsaAgAn UsedOffs Uls M str.MinOffset	-1630	-1630	
PsaAgAn UsedOffs Uls M str.MaxSrc	0	0	٠,
PsaAgAn UsedOffs Uls M str.MinSrc	0	0	
target Pim PsaAgArbnLrndOffsData.MaxOffset	1630	1630	٠,
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	٠,
<u> </u>		0	\rightarrow

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	•

Test Step 4.22 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15

 $target_Pim_PsaAgArbnLrndOffsData.MinOffset$

target_Pim_PsaAgArbnLrndOffsData.MaxSrc

target_Pim_PsaAgArbnLrndOffsData.MinSrc

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Input Value k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32 1630 k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08 k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32 -1630 k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08 0 k_PsaAgAn_PinionTrqFilt_Hz_f32 17 $target_Pim_PsaAgArbnLrndOffsData.MaxOffset$ 152.828598 target_Pim_PsaAgArbnLrndOffsData.MinOffset -321.520691 $target_Pim_PsaAgArbnLrndOffsData.MaxSrc$ 2 target_Pim_PsaAgArbnLrndOffsData.MinSrc 1 $target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value$ target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatu 4 $target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc$ $target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc$ $target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData$ target_Pim_PsaAgArbnLrndOffsData **Expected Value** Name **Actual Value** Result PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset 1630 1630 PsaAgAn_ComputedOffs_Uls_M_str.MinOffset -1630 -1630 0 PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc 0 PsaAgAn_ComputedOffs_Uls_M_str.MinSrc 0 0 PsaAgAn_UsedOffs_Uls_M_str.MaxOffset 1630 1630 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MinOffset}$ -1630 -1630 PsaAgAn_UsedOffs_Uls_M_str.MaxSrc 0 0 ${\sf PsaAgAn_UsedOffs_Uls_M_str.MinSrc}$ 0 0 target_Pim_PsaAgArbnLrndOffsData.MaxOffset 1630 1630

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

-1630

0

0

-1630

0

0

Test Step 4.23 (Repeat Count = 1)			✓
Name	Input Value		
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus(ErrorStatus)	target Rte Call Ap PsaAgArbn PsaAgArbr	LrndOffsBlk GetErrorStatus ErrorStatus	
Rte Inst Ap PsaAgArbn	target Rte Inst Ap PsaAgArbn		
k PsaAgAn HwTrqFilt Hz f32	10		
k PsaAgAn MtrVelFilt Hz f32	0		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1332.03845		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-376.416595		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	JC	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	-





Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
expf	3	expf	3	~	
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓	

Test Step 4.24 (Repeat Count = 1)			V
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArb	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	500		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1500.92114		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1095.94775		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	ıtı 3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_le	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_UIs_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓





Test Step 4.25 (Repeat Count = 1)			✓
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArb	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	375.56781		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	18.5548992		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	668.554016		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	tı O		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_I	gc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 4.26 (Repeat Count = 1)			✓
Name	Input Value		
Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus(ErrorStatus)	target Rte Call Ap PsaAgArbn PsaAgArbn	LrndOffsBlk GetErrorStatus ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	228.592407		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	1019.27258		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	0		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	0		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	✓
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•

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Name	Actual Value	Expected Value	Result
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	✓
target Pim PsaAgArhnl rndOffsData MinSrc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~
expf	3	expf	3	~
Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_PsaAgArbn_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 4.27 (Repeat Count = 1)			~
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgA	ArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	0		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	826.2677		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-362.892212		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorSta	tı 5		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cr	t_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	•
PsaAgAn ComputedOffs UIs M str.MinOffset	-1630	-1630	•
PsaAgAn ComputedOffs Uls M str.MaxSrc	0	0	-
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn UsedOffs Uls M str.MaxSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	•
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	•
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	•
target Pim PsaAqArbnLrndOffsData.MinSrc	0	0	•

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•	
expf	3	expf	3	~	
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓	

Test Step 4.28 (Repeat Count = 1)	✓
Name	Input Value
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn
k_PsaAgAn_HwTrqFilt_Hz_f32	10
k_PsaAgAn_MtrVelFilt_Hz_f32	15
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0
k_PsaAgAn_PinionTrqFilt_Hz_f32	500
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-157.106796
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1663.73853
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0
target_Pim_PsaAgArbnLrndOffsData.MinSrc	2
target_PsaAgArbn_Init1_EscOffsEna_Cnt_Igc.value	1

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Name	Input Value		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus	1		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_lgc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	С	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	•
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	•
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓

Test Sten 4.20 (Beneat Count = 4)			
Test Step 4.29 (Repeat Count = 1)	Input Value		
Name Rte Call Ap PsaAgArbn PsaAgArbnLrndOffsBlk GetErrorStatus(ErrorStatus)	· ·	rbnLrndOffsBlk GetErrorStatus ErrorStatus	
		IDILINGOIISBIK_GelEnorStatus_EnorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	178.567795		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-92.8320007		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-118.271797		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	2		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
$target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStatus$	atı 2		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cn	:_lgc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Resul
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	
PsaAgAn_ComputedOffs_Uls_M_str.MinSrc	0	0	
PsaAgAn UsedOffs Uls M str.MaxOffset	1630	1630	
PsaAgAn UsedOffs UIs M str.MinOffset	-1630	-1630	
PsaAgAn UsedOffs Uls M str.MaxSrc	0	0	
PsaAgAn UsedOffs UIs M str.MinSrc	0	0	
target Pim PsaAqArbnLrndOffsData.MaxOffset	1630	1630	٠,
target Pim PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	
target Pim PsaAgArbnLrndOffsData.MaxSrc	0	0	٠,
target Pim PsaAgArbnLrndOffsData.MinSrc	0	0	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~	
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	~	
expf	3	expf	3	~	
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓	





Test Step 4.30 (Repeat Count = 1)			V
Name	Input Value		
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus(ErrorStatus)	target_Rte_Call_Ap_PsaAgArbn_PsaAgArbr	nLrndOffsBlk_GetErrorStatus_ErrorStatus	
Rte_Inst_Ap_PsaAgArbn	target_Rte_Inst_Ap_PsaAgArbn		
k_PsaAgAn_HwTrqFilt_Hz_f32	10		
k_PsaAgAn_MtrVelFilt_Hz_f32	15		
k_PsaAgAn_OffsDataInitMaxOffs_HwDeg_f32	1630		
k_PsaAgAn_OffsDataInitMaxSrc_Cnt_u08	0		
k_PsaAgAn_OffsDataInitMinOffs_HwDeg_f32	-1630		
k_PsaAgAn_OffsDataInitMinSrc_Cnt_u08	0		
k_PsaAgAn_PinionTrqFilt_Hz_f32	17		
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	-1206.82288		
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1214.20947		
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	1		
target_Pim_PsaAgArbnLrndOffsData.MinSrc	1		
target_PsaAgArbn_Init1_EscOffsEna_Cnt_lgc.value	1		
target_Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus_ErrorStat	ι 3		
target_Rte_Inst_Ap_PsaAgArbn.PsaAgArbn_Init1_EscOffsEna_Cnt_Igc	target_PsaAgArbn_Init1_EscOffsEna_Cnt_lg	jc	
target_Rte_Inst_Ap_PsaAgArbn.Pim_PsaAgArbnLrndOffsData	target_Pim_PsaAgArbnLrndOffsData		
Name	Actual Value	Expected Value	Result
PsaAgAn_ComputedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_ComputedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_ComputedOffs_UIs_M_str.MinSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MaxOffset	1630	1630	~
PsaAgAn_UsedOffs_Uls_M_str.MinOffset	-1630	-1630	~
PsaAgAn_UsedOffs_Uls_M_str.MaxSrc	0	0	~
PsaAgAn_UsedOffs_Uls_M_str.MinSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MaxOffset	1630	1630	~
target_Pim_PsaAgArbnLrndOffsData.MinOffset	-1630	-1630	~
target_Pim_PsaAgArbnLrndOffsData.MaxSrc	0	0	~
target_Pim_PsaAgArbnLrndOffsData.MinSrc	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_GetErrorStatus	1	~
Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	Rte_Call_Ap_PsaAgArbn_PsaAgArbnLrndOffsBlk_SetRamBlockStatus	1	•
expf	3	expf	3	~
Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	Rte Call Ap PsaAgArbn NxtrDiagMgr SetNTCStatus	1	✓