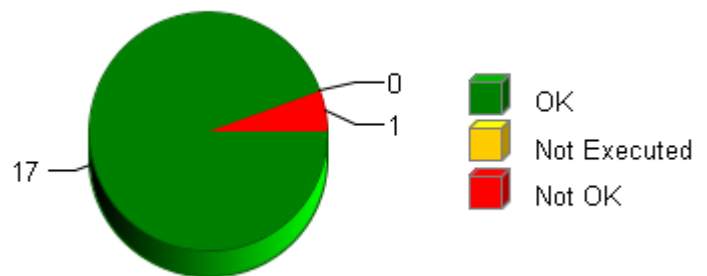


## Summary

**Total Test Objects:** 18  
**Successful:** 17  
**Failed:** 1  
**Not Executed:** 0  
**Date:** 2018-05-28  
**Time:** 19:45:28+0530

## Overall Test Object Results (including Coverage)



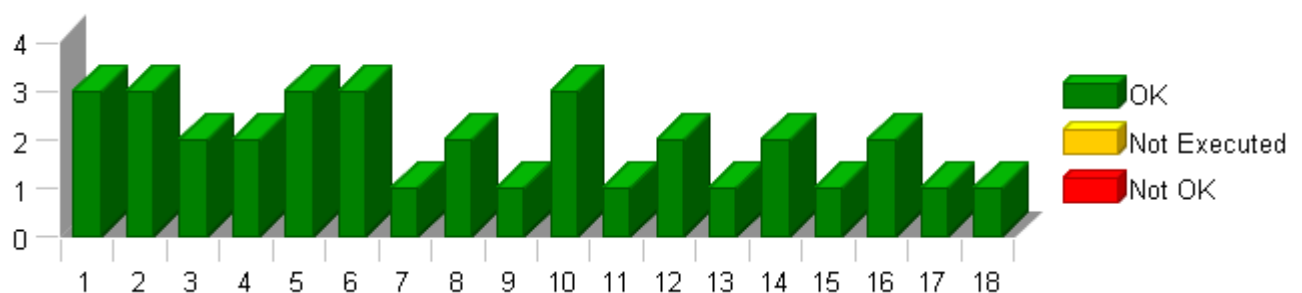
## Selected Project Items

Test Object "UnitTest/SrlComOutput/SrlComOutput\_GetCpleVolant"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_GetCpleVolantOptimse"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_GetEtatDa2004"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_GetEtatDa2010"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_GetHwTorqueFault"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_GetVitesseColonne"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_Init"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_DAT\_DIRA"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_DAT\_DIRA\_Get"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_DYN\_DAE"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_DYN\_DAE\_Get"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_DYN\_VOL"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_DYN\_VOL\_Get"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_SUPV\_DIRA"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_IS\_SUPV\_DIRA\_Get"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_Per1"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_Relnit"  
Test Object "UnitTest/SrlComOutput/SrlComOutput\_Trns1"

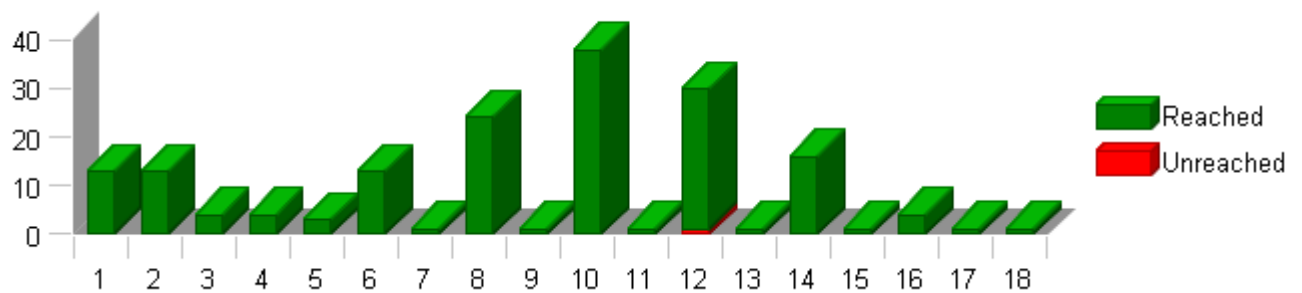
## Used Test Environments

TI TMS 570 PLS UDE (Default)

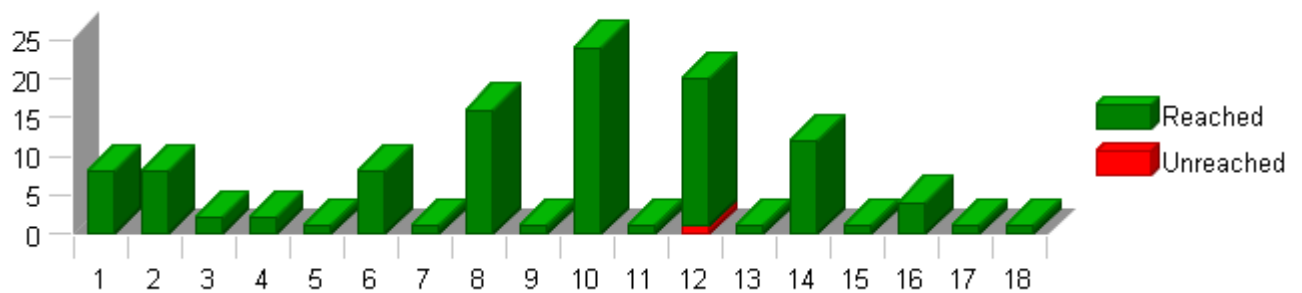
## Test Case Results for Each Test Object (without Coverage)



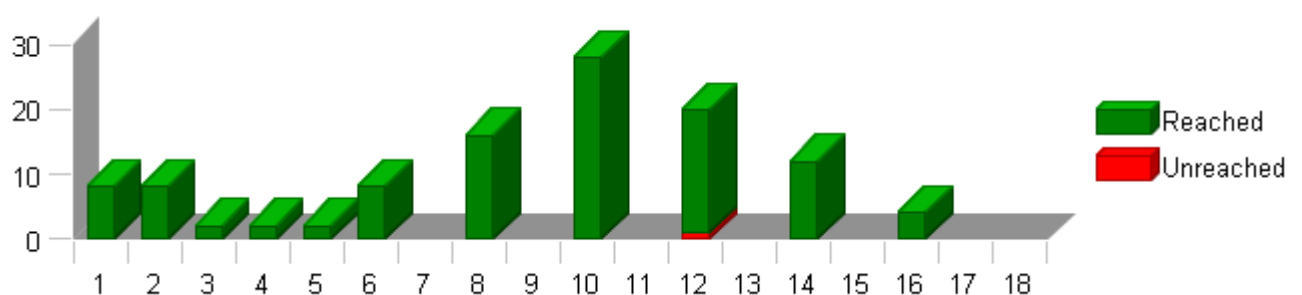
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object 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.

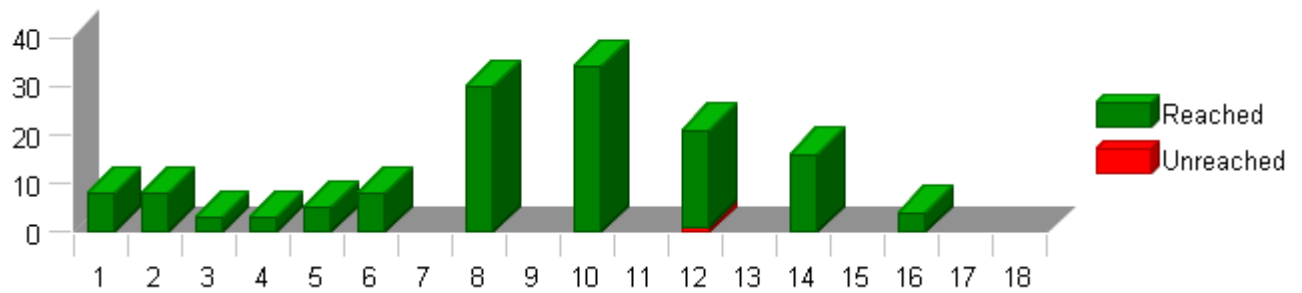
**Branch (C1) Coverage: Total Branches for Each Test Object**

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

2018-05-28, 19:45:28+0530

Project SrlComOutput



### 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
	SrlComOutput	99.4 %	99.1 %	99.09 %	99.28 %	34 of 34 passed	✖
	UnitTest	99.4 %	99.1 %	99.09 %	99.28 %	34 of 34 passed	✖
	SrlComOutput	99.4 %	99.1 %	99.09 %	99.28 %	34 of 34 passed	✖
1	<a href="#">SrlComOutput_GetCpleVolant</a>	100 %	100 %	100 %	100 %	3 of 3 passed	✓
2	<a href="#">SrlComOutput_GetCpleVolantOptimse</a>	100 %	100 %	100 %	100 %	3 of 3 passed	✓
3	<a href="#">SrlComOutput_GetEtatDa2004</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
4	<a href="#">SrlComOutput_GetEtatDa2010</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
5	<a href="#">SrlComOutput_GetHwTorqueFault</a>	100 %	100 %	100 %	100 %	3 of 3 passed	✓
6	<a href="#">SrlComOutput_GetVitesseColonne</a>	100 %	100 %	100 %	100 %	3 of 3 passed	✓
7	<a href="#">SrlComOutput_Init</a>	100 %	100 %	-	-	1 of 1 passed	✓
8	<a href="#">SrlComOutput_IS_DAT_DIRA</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
9	<a href="#">SrlComOutput_IS_DAT_DIRA_Get</a>	100 %	100 %	-	-	1 of 1 passed	✓
10	<a href="#">SrlComOutput_IS_DYN_DAE</a>	100 %	100 %	100 %	100 %	3 of 3 passed	✓
11	<a href="#">SrlComOutput_IS_DYN_DAE_Get</a>	100 %	100 %	-	-	1 of 1 passed	✓
12	<a href="#">SrlComOutput_IS_DYN_VOL</a>	96.66 %	95 %	95 %	95.23 %	2 of 2 passed	✖
13	<a href="#">SrlComOutput_IS_DYN_VOL_Get</a>	100 %	100 %	-	-	1 of 1 passed	✓
14	<a href="#">SrlComOutput_IS_SUPV_DIRA</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
15	<a href="#">SrlComOutput_IS_SUPV_DIRA_Get</a>	100 %	100 %	-	-	1 of 1 passed	✓
16	<a href="#">SrlComOutput_Per1</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
17	<a href="#">SrlComOutput_ReInit</a>	100 %	100 %	-	-	1 of 1 passed	✓
18	<a href="#">SrlComOutput_Trns1</a>	100 %	100 %	-	-	1 of 1 passed	✓

# TEST DETAILS REPORT

2018-05-28, 19:42:42+0530

SrlComOutput\_Trns1



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_Trns1

## Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'SrlComOutput'	*****Unit Test Information*****  Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrlComOutput.c Code File(s) Version: 21 Module Design Document: SrlComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrlComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrlComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrlComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrlComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrlComOutput_JS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrlComOutput_JS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEOTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". *****

## 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

# TEST DETAILS REPORT

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SrlComOutput\_Trns1



Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2018-05-28, 19:42:42+0530

SrlComOutput\_Trns1



## Test Case 1: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 8.00 Cycles

**Description** Vector Description:

TS1.1 Check for Output

## Test Step 1.1 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
ReInitializeComponent_M_lgc	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

2018-05-28, 19:29:22+0530

SrlComOutput\_GetCpleVolant



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetCpleVolant

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
------	------



# TEST DETAILS REPORT

2018-05-28, 19:29:22+0530

SrlComOutput\_GetCpleVolant



Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESEROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2018-05-28, 19:29:22+0530

SrlComOutput\_GetCpleVolant



## Test Case 1: Metrics Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 64.00 Cycles  
TS1.2 123.00 Cycles

**Description** Vector Description:

TS1.1Shortest Execution Path:  
if(TRUE == hwTorqueFault\_T\_lgc)==>True

TS1.2Longest Execution Path:  
if(TRUE == hwTorqueFault\_T\_lgc)==>False,  
((SrlComHwTrq\_HwNm\_T\_f32) >= (31.5f))=>False,  
((SrlComHwTrq\_HwNm\_T\_f32) <= ((-32.0f)))=>False,  
((CpleVolant\_Cnt\_T\_f32) < 0.0f)==>True

### Test Step 1.1 (Repeat Count = 1)

Name		Input Value	
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput	
hwTorqueFault_T_lgc		1	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value		10	
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	127	127	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 1.2 (Repeat Count = 1)

Name		Input Value	
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput	
hwTorqueFault_T_lgc		0	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value		-10	
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	-40	-40	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

2018-05-28, 19:29:22+0530

SrlComOutput\_GetCpleVolant



## Test Case 2: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS2.1 123.00 Cycles  
TS2.2 64.00 Cycles  
TS2.3 123.00 Cycles  
TS2.4 64.00 Cycles  
TS2.5 123.00 Cycles  
TS2.6 123.00 Cycles  
TS2.7 123.00 Cycles  
TS2.8 123.00 Cycles  
TS2.9 123.00 Cycles

**Description** Vector Description:

TS2.1All Min  
TS2.2All Max  
TS2.3hwTorqueFault\_T\_lgc==>Min  
TS2.4hwTorqueFault\_T\_lgc==>Max  
TS2.5SrlComHwTrq\_HwNm\_f32==>Min  
TS2.6SrlComHwTrq\_HwNm\_f32==>Max  
TS2.7SrlComHwTrq\_HwNm\_f32==>Zero  
TS2.8SrlComHwTrq\_HwNm\_f32==>Pos  
TS2.9SrlComHwTrq\_HwNm\_f32==>Neg

### Test Step 2.1 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	-40	-40	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 2.2 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	127	127	✔

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 2.3 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.81739998		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	15	15	✔

### 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
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput

# TEST DETAILS REPORT

2018-05-28, 19:29:22+0530



SrIComOutput\_GetCpleVolant

Name	Input Value		
hwTorqueFault_T_lgc	1		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32		
target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32.value	-7.65479994		
Name	Actual Value	Expected Value	Result
SrIComOutput_GetCpleVolant()	127	127	✓

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			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
hwTorqueFault_T_lgc	0			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32			
target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32.value	-10			
Name	Actual Value	Expected Value	Result	
SrIComOutput_GetCpleVolant()	-40	-40	✓	

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

Test Step 2.6 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
hwTorqueFault_T_lgc	0			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32			
target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32.value	10			
Name	Actual Value	Expected Value	Result	
SrIComOutput_GetCpleVolant()	40	40	✓	

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

Test Step 2.7 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
hwTorqueFault_T_lgc	0			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32			
target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32.value	0			
Name	Actual Value	Expected Value	Result	
SrIComOutput_GetCpleVolant()	0	0	✓	

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

Test Step 2.8 (Repeat Count = 1)				
Name	Input Value			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
hwTorqueFault_T_lgc	0			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32			
target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32.value	6.48150015			
Name	Actual Value	Expected Value	Result	
SrIComOutput_GetCpleVolant()	26	26	✓	

# TEST DETAILS REPORT

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SrlComOutput\_GetCpleVolant



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.9 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.91050005		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	-20	-20	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Case 3: Path Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS3.1 99.00 Cycles TS3.2 123.00 Cycles
<b>Description</b>	Vector Description:  TS3.1 ((SrlComHwTrq_HwNm_T_f32) >= (31.5f))==>True TS3.2 ((SrlComHwTrq_HwNm_T_f32) <= (-32.0f))==>True

## Test Step 3.1 (Repeat Count = 1)

Name	Input Value		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
hwTorqueFault_T_lgc	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	31.5		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	126	126	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 3.2 (Repeat Count = 1)

Name		Input Value	
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput	
hwTorqueFault_T_lgc		0	
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value		-32	
Name	Actual Value	Expected Value	Result
SrlComOutput_GetCpleVolant()	-128	-128	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

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SrIComOutput\_IS\_DYN\_DAE\_Get



Project	SrIComOutput
Module	SrIComOutput
Test Object	SrIComOutput_IS_DYN_DAE_Get

## Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrIComOutput
Configuration File	D:\Synergy_Work_Area\SrIComOutput\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)\SrIComOutput\src\Ap_SrIComOutput.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrIComOutput\utp\contract -I\$(PROJECTROOT)\SrIComOutput\utp\contract\Ap_SrIComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'SrIComOutput'	<p>*****Unit Test Information*****</p> <p>Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrIComOutput.c Code File(s) Version: 21 Module Design Document: SrIComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrIComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrIComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrIComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrIComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrIComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrIComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEOTVOL_HwDegpS_T_f32) &lt; 0.0f)==&gt;True" due to usage of macro "Abs_f32_m".</p> <p>*****</p>

## 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

# TEST DETAILS REPORT

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SrlComOutput\_IS\_DYN\_DAE\_Get



Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

## Test Case 1: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS 1.1 1122.00 Cycles

**Description** Vector Description:

TS1.1 Check for call trace

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
IsDynDae	NULL
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	NULL

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓



# TEST DETAILS REPORT

2018-05-28, 19:40:07+0530



SrlComOutput\_IS\_SUPV\_DIRA

Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_SUPV_DIRA

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
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# TEST DETAILS REPORT

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SrlComOutput\_IS\_SUPV\_DIRA

Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESEROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

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SrlComOutput\_IS\_SUPV\_DIRA



## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS1.1 1986.00 Cycles TS1.2 2504.00 Cycles
<b>Description</b>	Vector Description:  TS1.1Shortest Execution Path: if(TRUE == Rte_IRead_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc())==>True, if (0 != memcmp(&IsSupvDiraPrev, Rte_Pim_PimIsSupvDiraMsg(), sizeof(Is_SUPV_DIRA_Msg)))==>True, if (FALSE == IsSupvDiraFirstCall_Cnt_M_Igc)==>False  TS1.2Longest Execution Path: if(TRUE == Rte_IRead_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc())==>False, else if( (FALSE == VehicleSpeedValid_Cnt_M_Igc)==>False    (TRUE == DutyCycleExceeded_Cnt_M_Igc)==>False    (TRUE == AbsTempThermLimit_Cnt_M_Igc)==>False )==>False, else if( (FALSE == STTdSelected_Cnt_M_Igc)==>False && ((uint8)kETAT_MT_Stopped == Rte_IRead_SrlComOutput_Per1_EtatMT_Cnt_u08()) )==>False, else if( (TRUE == STTdSelected_Cnt_M_Igc)==>True && (0.0001f >= Rte_IRead_SrlComOutput_Per1_OutputRampMult_Uls_f32())==>False )==>False, if (0 != memcmp(&IsSupvDiraPrev, Rte_Pim_PimIsSupvDiraMsg(), sizeof(Is_SUPV_DIRA_Msg)))==>True, if (FALSE == IsSupvDiraFirstCall_Cnt_M_Igc)==>True

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	1		
DutyCycleExceeded_Cnt_M_Igc	1		
IsSupvDiraFirstCall_Cnt_M_Igc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	1		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
IsSupvDiraFirstCall_Cnt_M_Igc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	5
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.467999995

# TEST DETAILS REPORT

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SrlComOutput\_IS\_SUPV\_DIRA

Name	Input Value		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Case 2: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS2.1 2457.00 Cycles  
TS2.2 1963.00 Cycles  
TS2.3 2505.00 Cycles  
TS2.4 1949.00 Cycles  
TS2.5 2466.00 Cycles  
TS2.6 2485.00 Cycles  
TS2.7 2505.00 Cycles  
TS2.8 2488.00 Cycles  
TS2.9 2045.00 Cycles  
TS2.10 2493.00 Cycles  
TS2.11 2532.00 Cycles  
TS2.12 2016.00 Cycles  
TS2.13 2090.00 Cycles  
TS2.14 2498.00 Cycles  
TS2.15 2052.00 Cycles  
TS2.16 2493.00 Cycles  
TS2.17 2032.00 Cycles  
TS2.18 2037.00 Cycles  
TS2.19 2072.00 Cycles  
TS2.20 2417.00 Cycles  
TS2.21 2462.00 Cycles  
TS2.22 1949.00 Cycles

**Description** Vector Description:

TS2.1All Min  
TS2.2All Max  
TS2.3RampDwnStatusComplete\_Cnt\_Igc==>Min  
TS2.4RampDwnStatusComplete\_Cnt\_Igc==>Max  
TS2.5VehicleSpeedValid\_Cnt\_M\_Igc==>Min  
TS2.6VehicleSpeedValid\_Cnt\_M\_Igc==>Max  
TS2.7DutyCycleExceeded\_Cnt\_M\_Igc==>Min  
TS2.8DutyCycleExceeded\_Cnt\_M\_Igc==>Max  
TS2.9AbsTempThermLimit\_Cnt\_M\_Igc==>Min  
TS2.10AbsTempThermLimit\_Cnt\_M\_Igc==>Max  
TS2.11STTdSelected\_Cnt\_M\_Igc==>Min  
TS2.12STTdSelected\_Cnt\_M\_Igc==>Max  
TS2.13EtatMT\_Cnt\_u08==>Min  
TS2.14EtatMT\_Cnt\_u08==>Max  
TS2.15EtatMT\_Cnt\_u08==>Pos  
TS2.16OutputRampMult\_Uls\_f32==>Min  
TS2.17OutputRampMult\_Uls\_f32==>Max  
TS2.18OutputRampMult\_Uls\_f32==>Pos  
TS2.19CTCFailed\_Cnt\_Igc==>Min  
TS2.20CTCFailed\_Cnt\_Igc==>Max  
TS2.21IsSupvDiraFirstCall\_Cnt\_M\_Igc==>Min  
TS2.22IsSupvDiraFirstCall\_Cnt\_M\_Igc==>Max

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
IsSupvDiraFirstCall_Cnt_M_Igc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg

# TEST DETAILS REPORT







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SriComOutput\_IS\_SUPV\_DIRA

Name	Input Value		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.2 (Repeat Count = 1)				
Name		Input Value		
AbsTempThermLimit_Cnt_M_Igc		1		
DutyCycleExceeded_Cnt_M_Igc		1		
IsSupvDiraFirstCall_Cnt_M_Igc		1		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
STTdSelected_Cnt_M_Igc		1		
VehicleSpeedValid_Cnt_M_Igc		1		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc		target_SriComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08		target_SriComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32		target_SriComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete		target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsSupvDiraMsg		target_Pim_PimIsSupvDiraMsg		
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value		1		
target_SriComOutput_Per1_EtatMT_Cnt_u08.value		15		
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value		1		
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value		1		
Name		Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc		0	0	
target_Pim_PimIsSupvDiraMsg.CodeDefault		1	1	
target_Pim_PimIsSupvDiraMsg.StatusConfabsent		0	0	
target_Pim_PimIsSupvDiraMsg.EtatAssistDa		0	0	
target_Pim_PimIsSupvDiraMsg.EtatLigneApc		0	0	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.3 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
IsSupvDiraFirstCall_Cnt_M_Igc	0
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	11
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.295399994

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Name	Input Value		
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.4 (Repeat Count = 1)				
Name		Input Value		
AbsTempThermLimit_Cnt_M_Igc		0		
DutyCycleExceeded_Cnt_M_Igc		1		
IsSupvDiraFirstCall_Cnt_M_Igc		1		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc		1		
VehicleSpeedValid_Cnt_M_Igc		0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc		target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08		target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32		target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete		target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg		target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value		1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value		6		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value		0.924700022		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value		1		
Name		Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc		0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault		1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent		0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa		0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc		0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.5 (Repeat Count = 1)				
Name		Input Value		
AbsTempThermLimit_Cnt_M_Igc		1		
DutyCycleExceeded_Cnt_M_Igc		0		
IsSupvDiraFirstCall_Cnt_M_Igc		0		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
STTdSelected_Cnt_M_Igc		0		
VehicleSpeedValid_Cnt_M_Igc		0		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc		target_SriComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08		target_SriComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32		target_SriComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete		target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsSupvDiraMsg		target_Pim_PimIsSupvDiraMsg		
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value		0		
target_SriComOutput_Per1_EtatMT_Cnt_u08.value		5		
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value		0.544700027		
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value		0		
Name	Actual Value	Expected Value	Result	
IsSupvDiraFirstCall_Cnt_M_Igc	0	0		

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Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.6 (Repeat Count = 1)				
Name	Input Value			
AbsTempThermLimit_Cnt_M_Igc	1			
DutyCycleExceeded_Cnt_M_Igc	1			
IsSupvDiraFirstCall_Cnt_M_Igc	0			
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput			
STTdSelected_Cnt_M_Igc	1			
VehicleSpeedValid_Cnt_M_Igc	1			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg			
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0			
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15			
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.628899992			
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0			
Name	Actual Value	Expected Value	Result	
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓	
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓	
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓	
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓	
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.7 (Repeat Count = 1)				
Name	Input Value			
AbsTempThermLimit_Cnt_M_Igc	0			
DutyCycleExceeded_Cnt_M_Igc	0			
IsSupvDiraFirstCall_Cnt_M_Igc	0			
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput			
STTdSelected_Cnt_M_Igc	1			
VehicleSpeedValid_Cnt_M_Igc	1			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg			
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0			
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	5			
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.467999995			
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0			
Name	Actual Value	Expected Value	Result	
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓	
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓	
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓	

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Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.8 (Repeat Count = 1)				
Name	Input Value			
AbsTempThermLimit_Cnt_M_lgc	1			
DutyCycleExceeded_Cnt_M_lgc	1			
IsSupvDiraFirstCall_Cnt_M_lgc	0			
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput			
STTdSelected_Cnt_M_lgc	0			
VehicleSpeedValid_Cnt_M_lgc	1			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc			
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg			
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1			
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	0			
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.214699998			
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Result	
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓	
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓	
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓	
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓	
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.9 (Repeat Count = 1)				
Name	Input Value			
AbsTempThermLimit_Cnt_M_lgc	0			
DutyCycleExceeded_Cnt_M_lgc	0			
IsSupvDiraFirstCall_Cnt_M_lgc	1			
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput			
STTdSelected_Cnt_M_lgc	1			
VehicleSpeedValid_Cnt_M_lgc	1			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc			
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg			
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1			
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2			
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.361999989			
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0			
Name	Actual Value	Expected Value	Result	
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓	
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓	
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓	
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✓	
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓	



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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.10 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	1		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	6		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.374799997		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.11 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	0		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	6		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0115999999		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.12 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	0		
IsSupvDiraFirstCall_Cnt_M_lgc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	8		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.407700002		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.13 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	0		
IsSupvDiraFirstCall_Cnt_M_lgc	1		
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput		
STTdSelected_Cnt_M_lgc	0		
VehicleSpeedValid_Cnt_M_lgc	1		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_lgc	target_SriComOutput_Per1_CTCFailed_Cnt_lgc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SriComOutput_Per1_CTCFailed_Cnt_lgc.value	1		
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	0		
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.649299979		
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	0		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.441100001		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	0		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	9		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.883099973		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	4	4	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.17 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	8		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	1		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.18 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	1		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.658399999		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.19 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	1		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	0		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	4		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.237499997		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	3	3	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.20 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	0		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.586700022		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.21 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_Igc	1		
DutyCycleExceeded_Cnt_M_Igc	0		
IsSupvDiraFirstCall_Cnt_M_Igc	0		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	0		
VehicleSpeedValid_Cnt_M_Igc	1		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.683700025		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
Name	Actual Value	Expected Value	Result
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔

# TEST DETAILS REPORT

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SrIComOutput\_IS\_SUPV\_DIRA

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrIComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrIComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrIComOutput_SrIComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrIComOutput_SrIComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.22 (Repeat Count = 1)				
Name	Input Value			
AbsTempThermLimit_Cnt_M_Igc	0			
DutyCycleExceeded_Cnt_M_Igc	1			
IsSupvDiraFirstCall_Cnt_M_Igc	1			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
STTdSelected_Cnt_M_Igc	1			
VehicleSpeedValid_Cnt_M_Igc	0			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CTCFailed_Cnt_Igc	target_SrIComOutput_Per1_CTCFailed_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_EtatMT_Cnt_u08	target_SrIComOutput_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_OutputRampMult_Uls_f32	target_SrIComOutput_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RampDwnStatusComplete	target_SrIComOutput_Per1_RampDwnStatusComplete_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg			
target_SrIComOutput_Per1_CTCFailed_Cnt_Igc.value	0			
target_SrIComOutput_Per1_EtatMT_Cnt_u08.value	7			
target_SrIComOutput_Per1_OutputRampMult_Uls_f32.value	0.385899991			
target_SrIComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1			
Name	Actual Value	Expected Value	Result	
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓	
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓	
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓	
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓	
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrIComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrIComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	✓

# TEST DETAILS REPORT

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SrIComOutput\_IS\_DAT\_DIRA\_Get

Project	SrIComOutput
Module	SrIComOutput
Test Object	SrIComOutput_IS_DAT_DIRA_Get

## Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrIComOutput
Configuration File	D:\Synergy_Work_Area\SrIComOutput\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)\SrIComOutput\src\Ap_SrIComOutput.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrIComOutput\utp\contract -I\$(PROJECTROOT)\SrIComOutput\utp\contract\Ap_SrIComOutput -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'SrIComOutput'	*****Unit Test Information*****  Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrIComOutput.c Code File(s) Version: 21 Module Design Document: SrIComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrIComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrIComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrIComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrIComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrIComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrIComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEOTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". *****

## 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



# TEST DETAILS REPORT

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SrlComOutput\_IS\_DAT\_DIRA\_Get



Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

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SrlComOutput\_IS\_DAT\_DIRA\_Get



## Test Case 1: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 978.00 Cycles

**Description** Vector Description:

TS1.1 Check for Output

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
IsDatDira	NULL
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	NULL

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

# TEST DETAILS REPORT

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SriComOutput\_IS\_DYN\_VOL



Project	
Module	
Test Object	

## Instrumentation: Test Object Only

Statement (C0) Coverage	96.66 %
Decision Coverage	95 %
Branch (C1) Coverage	95 %
MC/DC Coverage	95.23 %

## Statistics

Total Testcases	
Successful	✓
Failed	
Not Executed	

## Module Properties

Project Root Directory	
Configuration File	
Target Environment	
Kind of Test	
Linker Options	
Source File(s)	
File	
Compiler Options	

## Comments/Description/Specification

Name	Text
------	------

# TEST DETAILS REPORT

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SrlComOutput\_IS\_DYN\_VOL



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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:  
TS1.1 1167.00 Cycles  
TS1.2 1365.00 Cycles

**Description**

Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

Test Step 1.2 (Repeat Count = 1)

Name	Input Value

TEST DETAILS REPORT

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SrlComOutput\_IS\_DYN\_VOL

Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

Test Case 2: Range Test

**Specification**      Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS2.1 1291.00 Cycles  
TS2.2 1208.00 Cycles  
TS2.3 1323.00 Cycles  
TS2.4 1358.00 Cycles  
TS2.5 1327.00 Cycles  
TS2.6 1185.00 Cycles  
TS2.7 1354.00 Cycles  
TS2.8 1344.00 Cycles  
TS2.9 1326.00 Cycles  
TS2.10 1339.00 Cycles  
TS2.11 1334.00 Cycles  
TS2.12 1280.00 Cycles  
TS2.13 1326.00 Cycles  
TS2.14 1376.00 Cycles  
TS2.15 1359.00 Cycles  
TS2.16 1267.00 Cycles  
TS2.17 1339.00 Cycles  
TS2.18 1355.00 Cycles  
TS2.19 1164.00 Cycles  
TS2.20 1164.00 Cycles  
TS2.21 1275.00 Cycles  
TS2.22 1164.00 Cycles

**Description**

Test Step 2.1 (Repeat Count = 1)

Name	Input Value

# TEST DETAILS REPORT

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SrlComOutput\_IS\_DYN\_VOL



Name	Input Value		
Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
					✓
					✓

Test Step 2.2 (Repeat Count = 1)					✓
Name	Input Value				
Name	Actual Value	Expected Value	Result		
				✓	
				✓	
				✓	
				✓	
				✓	
				✓	
				✓	
				✓	


Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
					✓
					✓

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

## TEST DET

SrlComOutput\_IS

Name





*SrlComOutput\_IS\_DYN\_VOL*

[illegible]

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
				✓
				✓
				✓

[illegible]

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
				✓
				✓
				✓

# TEST DETAILS REPORT

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SriComOutput\_IS\_DYN\_VOL



## Test Step 2.7 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

## Test Step 2.8 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

# TEST DETAILS REPORT

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SriComOutput\_IS\_DYN\_VOL



## Test Step 2.9 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

## Test Step 2.10 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

*SrlComOutput\_IS\_DYN\_VOL*



*SrlComOutput\_IS\_DYN\_VOL*



Actual Function	Count	Expected Function	Count	Result
				✓
				✓

[illegible]

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

[illegible][illegible]

*SrlComOutput\_IS\_DYN\_VOL*

[illegible]



# TEST DETAILS REPORT

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SriComOutput\_IS\_DYN\_VOL



Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

## Test Step 2.19 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓
				✓

## Test Step 2.20 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓



# TEST DETAILS REPORT

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SriComOutput\_IS\_DYN\_VOL



Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
					✓
					✓

## Test Step 2.21 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
					✓
					✓

## Test Step 2.22 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓

TEST DETAILS REPORT

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SrlComOutput\_IS\_DYN\_VOL

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace

					✓
Actual Function	Count	Expected Function	Count	Result	
					✓
					✓

# TEST DETAILS REPORT



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DAT_DIRA

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
------	------

# TEST DETAILS REPORT



Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESSE ROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT



## Test Case 1: Metrics Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 5117.00 Cycles  
TS1.2 5305.00 Cycles

**Description** Vector Description:

TS1.1Shortest Execution Path:  
if( STTdSelected\_Cnt\_M\_lgc == FALSE )==>True,  
if( DutyCycleExceeded\_Cnt\_M\_lgc == TRUE )==>False ||  
(AbsTempThermLimit\_Cnt\_M\_lgc == TRUE )==>False ||  
(LowVoltageStopMode\_Cnt\_T\_lgc == TRUE )==>False||  
(ValidEngineStatus\_Cnt\_T\_lgc == FALSE )==>False )==>False,  
if(TRUE == LxaSelected\_Cnt\_T\_lgc )==>False

TS1.2Longest Execution Path:  
if( STTdSelected\_Cnt\_M\_lgc == FALSE )==>False,  
if ( (hwTorqueFault\_T\_lgc == FALSE )==>True &&  
(VehicleSpeedValid\_Cnt\_M\_lgc == TRUE )==>True &&  
(DefaultHwaSCommExportValue\_Cnt\_M\_lgc == FALSE )==>True &&  
(DmdDelestDaVld\_T\_lgc == TRUE )==>True &&  
(IgnitionFailure\_Cnt\_T\_lgc == FALSE )==>True )==>True,  
if ((AbsHandwheelTorque\_HwNm\_T\_f32 > k\_DDEREDEMDAHwTrqThresh\_HwNm\_f32 )==>False||  
(AbsHandwheelVelocity\_HwRadpS\_T\_f32 > k\_DDEREDEMDAHwVelThresh\_HwRadpS\_f32 )==>False||  
(VehicleSpeed\_Kph\_T\_f32 > k\_DDEREDEMDAVehSpdThresh\_Kph\_f32 )==>False ||  
(HandwheelAuthority\_Uls\_M\_f32 > k\_STTdMinHwAuthority\_Uls\_f32 )==>True&&  
(AbsHandwheelVelocity\_HwRadpS\_T\_f32 > k\_DDEREDEMDAHwPosThresh\_HwDeg\_f32 )==>False )==>False )==>False, )==>False,  
if ((AbsHandwheelTorque\_HwNm\_T\_f32 < k\_AUTORARRETMOTDAHwTrqThresh\_HwNm\_f32 )==>False&&  
(AbsHandwheelVelocity\_HwRadpS\_T\_f32 < k\_AUTORARRETMOTDAHwVelThresh\_HwRadpS\_f32 )&&  
(HandwheelAuthority\_Uls\_M\_f32 < k\_STTdMinHwAuthority\_Uls\_f32 )||  
(AbsHandwheelPosition\_HwDeg\_T\_f32 < k\_AUTORARRETMOTDAHwPosThresh\_HwDeg\_f32 ))==>False,  
if (DDEREDEMDA\_Cnt\_u08 == (uint8)kDDE\_REDEM\_DA\_Request\_Reboot )==>False,  
if (ElapsedTime\_mS\_T\_u16 >= k\_AUTORARRETMOTDAValidThresh\_mS\_u16 )==>False,  
if(TRUE == LxaSelected\_Cnt\_T\_lgc )==>True

## Test Step 1.1 (Repeat Count = 1)




Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.00600000005
HandwheelPosition_HwDeg_M_f32	503.288391
HandwheelTorque_HwNm_M_f32	8.63409996
HandwheelVelocity_HwRadpS_M_f32	-11.7089005
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1240.22034
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.03710008
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.2814999
k_AUTORARRETMOTDAValidThresh_mS_u16	5354
k_DDEREDEMDAHwPosThresh_HwDeg_f32	347.332489
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.8130002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.402799994
k_DDEREDEMDAVehSpdThresh_Kph_f32	158.417404
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.819700003
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	44046
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrIComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ETATDADYN_Cnt_enum	target_SrIComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_lgc	target_SrIComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrIComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_VehicleSpeed_Kph_f32	target_SrIComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrIComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrIComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrIComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32.value	-5.72060013
target_SrIComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	12.2552004		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 1.2 (Repeat Count = 1)				
Name		Input Value		
AbsTempThermLimit_Cnt_M_Igc		0		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
DutyCycleExceeded_Cnt_M_Igc		1		
HandwheelAuthority_Uls_M_f32		0.83069998		
HandwheelPosition_HwDeg_M_f32		-265.071594		
HandwheelTorque_HwNm_M_f32		7.49849987		
HandwheelVelocity_HwRadpS_M_f32		-22.8045006		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime		target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc		1		
VehicleSpeedValid_Cnt_M_Igc		1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32		1496.45166		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32		7.00199986		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32		20.7819004		
k_AUTORARRETMOTDAValidThresh_mS_u16		14064		
k_DDEREDEMDAHwPosThresh_HwDeg_f32		1048.4436		
k_DDEREDEMDAHwTrqThresh_HwNm_f32		13.7497997		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32		25.7980995		
k_DDEREDEMDAVehSpdThresh_Kph_f32		220.328903		
k_JDD2010Selected_Cnt_Igc		0		
k_STTdMinHwAuthority_Uls_f32		0.558899999		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		26326		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun		target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum		target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc		target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32		target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg		target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value		1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value		1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value		2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value		0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value		0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value		-1.43799996		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value		1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value		0		
Name		Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant		-6	-6	
target_Pim_PimIsDatDiraMsg.EtatDa2004		0	0	

# TEST DETAILS REPORT



Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓



Test Case 2: Range Test ✓





# TEST DETAILS REPORT



## Description

Vector Description:

TS2.1All Min  
TS2.2All Max  
TS2.3LXASelected\_Cnt\_Igc==>Min  
TS2.4LXASelected\_Cnt\_Igc==>Max  
TS2.5ValidEngineStatus\_Cnt\_Igc==>Min  
TS2.6ValidEngineStatus\_Cnt\_Igc==>Max  
TS2.7VehicleSpeed\_Kph\_f32==>Min  
TS2.8VehicleSpeed\_Kph\_f32==>Max  
TS2.9VehicleSpeed\_Kph\_f32==>Pos  
TS2.10DmdDelestDaVld\_Cnt\_Igc==>Min  
TS2.11DmdDelestDaVld\_Cnt\_Igc==>Max  
TS2.12ETATDADYN\_Cnt\_enum==>PSATUNMODST\_NORM  
TS2.13ETATDADYN\_Cnt\_enum==>PSATUNMODST\_SPORT  
TS2.14ETATDADYN\_Cnt\_enum==>PSATUNMODST\_TUN  
TS2.15ETATDADYN\_Cnt\_enum==>PSATUNMODST\_FAILED  
TS2.16LxaTqLimnActv\_Cnt\_Igc==>Min  
TS2.17LxaTqLimnActv\_Cnt\_Igc==>Max  
TS2.18EPSSStateForLxa\_Cnt\_enum==>PSAEPSSTLXA\_UNAUTHD  
TS2.19EPSSStateForLxa\_Cnt\_enum==>PSAEPSSTLXA\_AUTHD  
TS2.20EPSSStateForLxa\_Cnt\_enum==>PSAEPSSTLXA\_AVL  
TS2.21EPSSStateForLxa\_Cnt\_enum==>PSAEPSSTLXA\_ACTV  
TS2.22EPSSStateForLxa\_Cnt\_enum==>PSAEPSSTLXA\_DFCT  
TS2.23EPSSStateForLxa\_Cnt\_enum==>Max  
TS2.24DvrIntvDetd\_Cnt\_Igc==>Min  
TS2.25DvrIntvDetd\_Cnt\_Igc==>Max  
TS2.26STTdSelected\_Cnt\_M\_Igc==>Min  
TS2.27STTdSelected\_Cnt\_M\_Igc==>Max  
TS2.28DutyCycleExceeded\_Cnt\_M\_Igc==>Min  
TS2.29DutyCycleExceeded\_Cnt\_M\_Igc==>Max  
TS2.30AbsTempThermLimit\_Cnt\_M\_Igc==>Min  
TS2.31AbsTempThermLimit\_Cnt\_M\_Igc==>Max  
TS2.32VehicleSpeedValid\_Cnt\_M\_Igc==>Min  
TS2.33VehicleSpeedValid\_Cnt\_M\_Igc==>Max  
TS2.34DefaultHwaSCommExportValue\_Cnt\_M\_Igc==>Min  
TS2.35DefaultHwaSCommExportValue\_Cnt\_M\_Igc==>Max  
TS2.36HandwheelTorque\_HwNm\_M\_f32==>Min  
TS2.37HandwheelTorque\_HwNm\_M\_f32==>Max  
TS2.38HandwheelTorque\_HwNm\_M\_f32==>Zero  
TS2.39HandwheelTorque\_HwNm\_M\_f32==>Pos  
TS2.40HandwheelTorque\_HwNm\_M\_f32==>Neg  
TS2.41HandwheelVelocity\_HwRadpS\_M\_f32==>Min  
TS2.42HandwheelVelocity\_HwRadpS\_M\_f32==>Max  
TS2.43HandwheelVelocity\_HwRadpS\_M\_f32==>Zero  
TS2.44HandwheelVelocity\_HwRadpS\_M\_f32==>Pos  
TS2.45HandwheelVelocity\_HwRadpS\_M\_f32==>Neg  
TS2.46HandwheelPosition\_HwDeg\_M\_f32==>Min  
TS2.47HandwheelPosition\_HwDeg\_M\_f32==>Max  
TS2.48HandwheelPosition\_HwDeg\_M\_f32==>Zero  
TS2.49HandwheelPosition\_HwDeg\_M\_f32==>Pos  
TS2.50HandwheelPosition\_HwDeg\_M\_f32==>Neg  
TS2.51HandwheelAuthority\_Uls\_M\_f32==>Min  
TS2.52HandwheelAuthority\_Uls\_M\_f32==>Max  
TS2.53HandwheelAuthority\_Uls\_M\_f32==>Pos  
TS2.54k\_DDEREDEMDAHwTrqThresh\_HwNm\_f32==>Min  
TS2.55k\_DDEREDEMDAHwTrqThresh\_HwNm\_f32==>Max/Default  
TS2.56k\_DDEREDEMDAHwTrqThresh\_HwNm\_f32==>Pos  
TS2.57k\_DDEREDEMDAHwVelThresh\_HwRadpS\_f32==>Min  
TS2.58k\_DDEREDEMDAHwVelThresh\_HwRadpS\_f32==>Max  
TS2.59k\_DDEREDEMDAHwVelThresh\_HwRadpS\_f32==>Default  
TS2.60k\_DDEREDEMDAHwVelThresh\_HwRadpS\_f32==>Pos  
TS2.61k\_DDEREDEMDAHwVehSpdThresh\_Kph\_f32==>Min  
TS2.62k\_DDEREDEMDAHwVehSpdThresh\_Kph\_f32==>Max  
TS2.63k\_DDEREDEMDAHwVehSpdThresh\_Kph\_f32==>Default  
TS2.64k\_DDEREDEMDAHwVehSpdThresh\_Kph\_f32==>Pos  
TS2.65k\_STTdMinHwAuthority\_Uls\_f32==>Min  
TS2.66k\_STTdMinHwAuthority\_Uls\_f32==>Max  
TS2.67k\_STTdMinHwAuthority\_Uls\_f32==>Default  
TS2.68k\_STTdMinHwAuthority\_Uls\_f32==>Pos  
TS2.69k\_DDEREDEMDAHwPosThresh\_HwDeg\_f32==>Min  
TS2.70k\_DDEREDEMDAHwPosThresh\_HwDeg\_f32==>Max  
TS2.71k\_DDEREDEMDAHwPosThresh\_HwDeg\_f32==>Default  
TS2.72k\_DDEREDEMDAHwPosThresh\_HwDeg\_f32==>Pos  
TS2.73k\_AUTORARRETMOTDAHwTrqThresh\_HwNm\_f32==>Min  
TS2.74k\_AUTORARRETMOTDAHwTrqThresh\_HwNm\_f32==>Max  
TS2.75k\_AUTORARRETMOTDAHwTrqThresh\_HwNm\_f32==>Default  
TS2.76k\_AUTORARRETMOTDAHwTrqThresh\_HwNm\_f32==>Pos  
TS2.77k\_AUTORARRETMOTDAHwVelThresh\_HwRadpS\_f32==>Min  
TS2.78k\_AUTORARRETMOTDAHwVelThresh\_HwRadpS\_f32==>Max  
TS2.79k\_AUTORARRETMOTDAHwVelThresh\_HwRadpS\_f32==>Default  
TS2.80k\_AUTORARRETMOTDAHwVelThresh\_HwRadpS\_f32==>Pos  
TS2.81k\_AUTORARRETMOTDAHwPosThresh\_HwDeg\_f32==>Min  
TS2.82k\_AUTORARRETMOTDAHwPosThresh\_HwDeg\_f32==>Max  
TS2.83k\_AUTORARRETMOTDAHwPosThresh\_HwDeg\_f32==>Default  
TS2.84k\_AUTORARRETMOTDAHwPosThresh\_HwDeg\_f32==>Pos  
TS2.85k\_AUTORARRETMOTDAValidThresh\_mS\_u16==>Min  
TS2.86k\_AUTORARRETMOTDAValidThresh\_mS\_u16==>Max  
TS2.87k\_AUTORARRETMOTDAValidThresh\_mS\_u16==>Default  
TS2.88k\_AUTORARRETMOTDAValidThresh\_mS\_u16==>Pos

## Test Step 2.1 (Repeat Count = 1)



Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0

# TEST DETAILS REPORT



Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	0		
HandwheelPosition_HwDeg_M_f32	-1600		
HandwheelTorque_HwNm_M_f32	-8.80000019		
HandwheelVelocity_HwRadpS_M_f32	-32		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	0		
VehicleSpeedValid_Cnt_M_lgc	0		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	0		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0		
k_AUTORARRETMOTDAValidThresh_mS_u16	0		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	0		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0		
k_DDEREDEMDAVehSpdThresh_Kph_f32	0		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-40	-40	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.2 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	1600

# TEST DETAILS REPORT



Name	Input Value		
HandwheelTorque_HwNm_M_f32	8.80000019		
HandwheelVelocity_HwRadpS_M_f32	32		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1600		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	10		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	32		
k_AUTORARRETMOTDAValidThresh_mS_u16	65535		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1600		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	15		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	32		
k_DDEREDEMDAVehSpdThresh_Kph_f32	255		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	1		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	15		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	255		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	15	15	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.9375
HandwheelPosition_HwDeg_M_f32	443.086212
HandwheelTorque_HwNm_M_f32	-0.817700028
HandwheelVelocity_HwRadpS_M_f32	-19.6732998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput

# TEST DETAILS REPORT



Name	Input Value		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	629.563782		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.812300026		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.3003998		
k_AUTORARRETMOTDAValidThresh_mS_u16	57800		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	701.170776		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.95770001		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.2924995		
k_DDEREDEMDAVehSpdThresh_Kph_f32	154.682404		
k_JDD2010Selected_Cnt_Igc	1		
k_STTdMinHwAuthority_Uls_f32	0.728200018		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	39738		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.45779991		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	163.126602		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.4 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.52759999
HandwheelPosition_HwDeg_M_f32	128.554901
HandwheelTorque_HwNm_M_f32	-7.41760015
HandwheelVelocity_HwRadpS_M_f32	1.46490002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	548.025574
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.84220004

# TEST DETAILS REPORT



Name	Input Value
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.3509007
k_AUTORARRETMOTDAValidThresh_mS_u16	20832
k_DDEREDEMDAHwPosThresh_HwDeg_f32	252.325394
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.8634996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.9578991
k_DDEREDEMDAHwVehSpdThresh_Kph_f32	242.480194
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.369399995
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	24742
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.55119991
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	190.365494

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.5 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.947899997
HandwheelPosition_HwDeg_M_f32	604.516602
HandwheelTorque_HwNm_M_f32	5.87820005
HandwheelVelocity_HwRadpS_M_f32	-27.4494991
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1307.79675
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.132799998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	23.5312004
k_AUTORARRETMOTDAValidThresh_mS_u16	60199
k_DDEREDEMDAHwPosThresh_HwDeg_f32	894.641113
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.91160011

# TEST DETAILS REPORT



Name	Input Value		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.0461006		
k_DDEREDEMDAVehSpdThresh_Kph_f32	21.7665997		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.175099999		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	53327		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-1.90740001		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	48.3799019		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.00600000005
HandwheelPosition_HwDeg_M_f32	503.288391
HandwheelTorque_HwNm_M_f32	8.63409996
HandwheelVelocity_HwRadpS_M_f32	-11.7089005
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1240.22034
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.03710008
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.2814999
k_AUTORARRETMOTDAValidThresh_mS_u16	5354
k_DDEREDEMDAHwPosThresh_HwDeg_f32	347.332489
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.8130002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.402799994
k_DDEREDEMDAVehSpdThresh_Kph_f32	158.417404
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.819700003

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	44046		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.72060013		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	12.2552004		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	127	127	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.7 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.83069998
HandwheelPosition_HwDeg_M_f32	-265.071594
HandwheelTorque_HwNm_M_f32	7.49849987
HandwheelVelocity_HwRadpS_M_f32	-22.8045006
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1496.45166
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.00199986
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	20.7819004
k_AUTORARRETMOTDAValidThresh_mS_u16	14064
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1048.4436
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.7497997
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.7980995
k_DDEREDEMDAVehSpdThresh_Kph_f32	220.328903
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.558899999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	26326
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum



# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-1.43799996		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-6	-6	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.165299997
HandwheelPosition_HwDeg_M_f32	-1159.64502
HandwheelTorque_HwNm_M_f32	-4.42539978
HandwheelVelocity_HwRadpS_M_f32	10.8765001
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1241.02551
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.46099997
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	6.24830008
k_AUTORARRETMOTDAValidThresh_mS_u16	18378
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1019.1554
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.4982004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	19.6816998
k_DDEREDEMDAVehSpdThresh_Kph_f32	167.740204
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.868399978
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	31609
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32

# TEST DETAILS REPORT



Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.38019991
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	255

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	22	22	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.9 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.525600016
HandwheelPosition_HwDeg_M_f32	-1540.35864
HandwheelTorque_HwNm_M_f32	6.15869999
HandwheelVelocity_HwRadpS_M_f32	-16.5524998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	775.23407
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.12120008
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	26.8201008
k_AUTORARRETMOTDAValidThresh_mS_u16	13438
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1008.42029
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.5743999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.0547009
k_DDEREDEMDAVehSpdThresh_Kph_f32	155.993393
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.345200002
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	49028
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1

# TEST DETAILS REPORT



Name	Input Value
target_SrlComOutput_Per1_DrvIntvDetd_Cnt_Igc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.08990002
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	127.648201

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-32	-32	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.10 (Repeat Count = 1) ✓

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.95599997
HandwheelPosition_HwDeg_M_f32	798.318726
HandwheelTorque_HwNm_M_f32	-1.24370003
HandwheelVelocity_HwRadpS_M_f32	31.7376995
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	53.1647987
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.06699991
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.118
k_AUTORARRETMOTDAValidThresh_mS_u16	13127
k_DDEREDEMDAHwPosThresh_HwDeg_f32	119.272102
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.16479993
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.9997997
k_DDEREDEMDAVehSpdThresh_Kph_f32	116.278603
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.231900007
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	50857
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SrlComOutput_Per1_DrvIntvDetd_Cnt_Igc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1

# TEST DETAILS REPORT



Name	Input Value
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.86609983
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	136.303894

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

# TEST DETAILS REPORT



## Test Step 2.11 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	0		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	1		
HandwheelAuthority_Uls_M_f32	0.622600019		
HandwheelPosition_HwDeg_M_f32	921.501221		
HandwheelTorque_HwNm_M_f32	6.32089996		
HandwheelVelocity_HwRadpS_M_f32	-22.6243		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	529.286499		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.11410046		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.8733997		
k_AUTORARRETMOTDAValidThresh_mS_u16	22071		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	416.364288		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.3330002		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.7707005		
k_DDEREDEMDAVehSpdThresh_Kph_f32	14.3795004		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.236699998		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40104		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.14430046		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0.869300008		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-33	-33	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.12 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

# TEST DETAILS REPORT



Name	Input Value		
DutyCycleExceeded_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	0.485000014		
HandwheelPosition_HwDeg_M_f32	-628.588318		
HandwheelTorque_HwNm_M_f32	2.62059999		
HandwheelVelocity_HwRadpS_M_f32	31.1583004		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	519.705811		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.5302999		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.4536991		
k_AUTORARRETMOTDAValidThresh_mS_u16	1334		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1281.30786		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.4375999		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	10.2398005		
k_DDEREDEMDAVehSpdThresh_Kph_f32	40.139801		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.680000007		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	43750		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.95799994		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	108.794098		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	8	8	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.13 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0860999972
HandwheelPosition_HwDeg_M_f32	-965.212402
HandwheelTorque_HwNm_M_f32	-3.95819998

# TEST DETAILS REPORT



Name	Input Value		
HandwheelVelocity_HwRadpS_M_f32	23.1805		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	0		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	83.0388031		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.58190012		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.3162003		
k_AUTORARRETMOTDAValidThresh_mS_u16	59998		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	689.804626		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.79629993		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.83889961		
k_DDEREDEMDAVehSpdThresh_Kph_f32	101.285004		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.00170000002		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	41497		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.50479984		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	114.612396		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	18	18	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.988099992
HandwheelPosition_HwDeg_M_f32	754.099304
HandwheelTorque_HwNm_M_f32	-7.63089991
HandwheelVelocity_HwRadpS_M_f32	1.30569994
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0



# TEST DETAILS REPORT



Name	Input Value		
VehicleSpeedValid_Cnt_M_lgc	0		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1046.72388		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.09879994		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.6650009		
k_AUTORARRETMOTDAValidThresh_mS_u16	32211		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	18.1693001		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.36750031		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.40880013		
k_DDEREDEMDAVehSpdThresh_Kph_f32	163.361801		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.776000023		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	1829		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.2420001		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	135.7258		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-29	-29	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0137
HandwheelPosition_HwDeg_M_f32	1121.31775
HandwheelTorque_HwNm_M_f32	-0.843400002
HandwheelVelocity_HwRadpS_M_f32	-16.1716995
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	514.541687
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.35990047
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	1.08640003



# TEST DETAILS REPORT



Name	Input Value		
k_AUTORARRETMOTDAValidThresh_mS_u16	48763		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1011.60468		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.3570995		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.3400002		
k_DDEREDEMDAVehSpdThresh_Kph_f32	195.659607		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.0172000006		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	44932		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.905399978		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	203.176895		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.961199999
HandwheelPosition_HwDeg_M_f32	649.122009
HandwheelTorque_HwNm_M_f32	6.2276001
HandwheelVelocity_HwRadpS_M_f32	-31.3148003
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	723.449524
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.1651001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	6.57079983
k_AUTORARRETMOTDAValidThresh_mS_u16	18676
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1362.44165
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.3746996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.3008003



Name

# TEST DETAILS REPORT



Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.312700003
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	239.874893

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.18 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.320600003
HandwheelPosition_HwDeg_M_f32	-423.242798
HandwheelTorque_HwNm_M_f32	-8.11019993
HandwheelVelocity_HwRadpS_M_f32	8.31760025
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	885.401672
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.62209988
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.4970999
k_AUTORARRETMOTDAValidThresh_mS_u16	17157
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1378.33521
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.7875004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.7819996
k_DDEREDEMDAVehSpdThresh_Kph_f32	164.799698
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.403200001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_El	58458
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.65560007		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	228.234695		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	19	19	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.19 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.386900008
HandwheelPosition_HwDeg_M_f32	-806.445129
HandwheelTorque_HwNm_M_f32	0.575299978
HandwheelVelocity_HwRadpS_M_f32	-31.3197994
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1202.98572
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.2895999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.0580997
k_AUTORARRETMOTDAValidThresh_mS_u16	18690
k_DDEREDEMDAHwPosThresh_HwDeg_f32	531.600525
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.51300001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.7888002
k_DDEREDEMDAVehSpdThresh_Kph_f32	35.5661011
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.536300004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	3007
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.01929998		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	31.4340992		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDdyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.514100015
HandwheelPosition_HwDeg_M_f32	1079.42725
HandwheelTorque_HwNm_M_f32	4.57060003
HandwheelVelocity_HwRadpS_M_f32	-25.7873001
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1584.14026
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.14090014
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.8817997
k_AUTORARRETMOTDAValidThresh_mS_u16	38406
k_DDEREDEMDAHwPosThresh_HwDeg_f32	465.838196
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.70679998
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.684499979
k_DDEREDEMDAVehSpdThresh_Kph_f32	236.341599
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.697099984
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	9607
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.08570004		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	70.455101		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.412499994
HandwheelPosition_HwDeg_M_f32	-198.227798
HandwheelTorque_HwNm_M_f32	8.5717001
HandwheelVelocity_HwRadpS_M_f32	17.5587006
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	747.786621
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.523
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.1110992
k_AUTORARRETMOTDAValidThresh_mS_u16	38266
k_DDEREDEMDAHwPosThresh_HwDeg_f32	508.92981
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.3415003
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.16899967
k_DDEREDEMDAVehSpdThresh_Kph_f32	102.022797
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.237399995
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	50014
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.25549984		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	245.167892		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	17	17	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

# TEST DETAILS REPORT



## Test Step 2.22 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	0		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
DutyCycleExceeded_Cnt_M_lgc	1		
HandwheelAuthority_Uls_M_f32	0.878899992		
HandwheelPosition_HwDeg_M_f32	1363.15625		
HandwheelTorque_HwNm_M_f32	-0.540499985		
HandwheelVelocity_HwRadpS_M_f32	-5.19540024		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	0		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1399.505		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.887899995		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.60200024		
k_AUTORARRETMOTDAValidThresh_mS_u16	37980		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	352.946594		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.1554003		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	1.89339995		
k_DDEREDEMDAVehSpdThresh_Kph_f32	242.378693		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.0507000014		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	33775		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.68170023		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	143.646606		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	27	27	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.23 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1



# TEST DETAILS REPORT



Name	Input Value		
DutyCycleExceeded_Cnt_M_Igc	0		
HandwheelAuthority_Uls_M_f32	0.93870002		
HandwheelPosition_HwDeg_M_f32	718.150574		
HandwheelTorque_HwNm_M_f32	8.39780045		
HandwheelVelocity_HwRadpS_M_f32	27.4379997		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	0		
VehicleSpeedValid_Cnt_M_Igc	0		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1469.33545		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.12360001		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.32270002		
k_AUTORARRETMOTDAValidThresh_mS_u16	17812		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	652.813416		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.92010021		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.52830029		
k_DDEREDEMDAVehSpdThresh_Kph_f32	43.9329987		
k_JDD2010Selected_Cnt_Igc	0		
k_STTdMinHwAuthority_Uls_f32	0.483200014		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35860		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	15		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.28469992		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	29.5851002		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-29	-29	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	15	15	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.24 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.564800024
HandwheelPosition_HwDeg_M_f32	1127.42224
HandwheelTorque_HwNm_M_f32	7.64769983

# TEST DETAILS REPORT



Name	Input Value		
HandwheelVelocity_HwRadpS_M_f32	17.5261993		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	986.961182		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.227400005		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	7.84770012		
k_AUTORARRETMOTDAValidThresh_mS_u16	27806		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	432.224609		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.681500018		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.0607004		
k_DDEREDEMDAVehSpdThresh_Kph_f32	175.9431		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.0830999985		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	4730		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.586799979		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	196.135803		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.25 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.435499996
HandwheelPosition_HwDeg_M_f32	859.371521
HandwheelTorque_HwNm_M_f32	4.70079994
HandwheelVelocity_HwRadpS_M_f32	-9.38389969
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

# TEST DETAILS REPORT



Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	355.873505
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.7020998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	3.62529993
k_AUTORARRETMOTDAValidThresh_mS_u16	35687
k_DDEREDEMMDAHwPosThresh_HwDeg_f32	437.722595
k_DDEREDEMMDAHwTrqThresh_HwNm_f32	1.09990001
k_DDEREDEMMDAHwVelThresh_HwRadpS_f32	24.2005005
k_DDEREDEMMDAVehSpdThresh_Kph_f32	173.181
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.386200011
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4230
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_lgc	target_SrlComOutput_Per1_LXASelectd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelectd_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.5632
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	45.8625984

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	22	22	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.26 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.457500011
HandwheelPosition_HwDeg_M_f32	846.353271
HandwheelTorque_HwNm_M_f32	-5.06570005
HandwheelVelocity_HwRadpS_M_f32	17.7231007
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1006.55609
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.0445999987
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.6820002



Name

# TEST DETAILS REPORT



Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	120.431602		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.215100005		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	29656		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.51530004		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	88.3154984		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	6	6	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.28 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0331000015
HandwheelPosition_HwDeg_M_f32	-1423.83289
HandwheelTorque_HwNm_M_f32	6.39610004
HandwheelVelocity_HwRadpS_M_f32	-19.2336998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	39.282299
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.51660013
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	8.7208004
k_AUTORARRETMOTDAValidThresh_mS_u16	15782
k_DDEREDEMDAHwPosThresh_HwDeg_f32	720.107422
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.0937004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.6392994
k_DDEREDEMDAvehSpdThresh_Kph_f32	84.4570999
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.599799991
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	24597

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.98060036		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	131.465103		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-36	-36	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.265300006
HandwheelPosition_HwDeg_M_f32	-439.055206
HandwheelTorque_HwNm_M_f32	4.85979986
HandwheelVelocity_HwRadpS_M_f32	28.5844002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1454.74915
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.88040018
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.4880009
k_AUTORARRETMOTDAValidThresh_mS_u16	8723
k_DDEREDEMDAHwPosThresh_HwDeg_f32	171.775894
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.48480034
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.2638998
k_DDEREDEMDAVehSpdThresh_Kph_f32	131.127808
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.570500016
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	411
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.4309001		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	158.960693		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-26	-26	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.427899987
HandwheelPosition_HwDeg_M_f32	-1137.62683
HandwheelTorque_HwNm_M_f32	6.18970013
HandwheelVelocity_HwRadpS_M_f32	3.65689993
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	100.060997
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.19629955
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	28.4444008
k_AUTORARRETMOTDAValidThresh_mS_u16	63350
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1132.04858
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.46360016
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.0086002
k_DDEREDEMDAVehSpdThresh_Kph_f32	20.5884991
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.0688000023
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	44791
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.59000015		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	23.8034		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	30	30	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDdyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.31 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.945800006
HandwheelPosition_HwDeg_M_f32	-518.21051
HandwheelTorque_HwNm_M_f32	-0.755299985
HandwheelVelocity_HwRadpS_M_f32	-17.6595001
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	400.789398
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.87949991
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	20.3801003
k_AUTORARRETMOTDAValidThresh_mS_u16	36168
k_DDEREDEMDAHwPosThresh_HwDeg_f32	412.992096
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.53130007
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	5.54120016
k_DDEREDEMDAVehSpdThresh_Kph_f32	75.0394974
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.308099985
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	55953
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0



# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.78429985		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	184.317398		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.32 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.877600014
HandwheelPosition_HwDeg_M_f32	442.158295
HandwheelTorque_HwNm_M_f32	5.52659988
HandwheelVelocity_HwRadpS_M_f32	-17.0244999
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	443.897003
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.40410042
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.1723995
k_AUTORARRETMOTDAValidThresh_mS_u16	19217
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1285.52637
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.9407997
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.0614004
k_DDEREDEMDAVehSpdThresh_Kph_f32	253.979294
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.428900003
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	59321
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.97749996		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	54.1509018		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	12	12	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓	

# TEST DETAILS REPORT



## Test Step 2.33 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	1		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	0.147799999		
HandwheelPosition_HwDeg_M_f32	-428.49649		
HandwheelTorque_HwNm_M_f32	5.34700012		
HandwheelVelocity_HwRadpS_M_f32	12.2685003		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	830.224976		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.77439976		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.4419994		
k_AUTORARRETMOTDAValidThresh_mS_u16	14121		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1543.03479		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.4446001		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.50390005		
k_DDEREDEMDAVehSpdThresh_Kph_f32	199.792297		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.301400006		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	62723		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.49539995		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	123.217903		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-14	-14	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.34 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

# TEST DETAILS REPORT



Name	Input Value		
DutyCycleExceeded_Cnt_M_Igc	1		
HandwheelAuthority_Uls_M_f32	0.759299994		
HandwheelPosition_HwDeg_M_f32	662.635071		
HandwheelTorque_HwNm_M_f32	-3.81609988		
HandwheelVelocity_HwRadpS_M_f32	-13.8128996		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	297.384613		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.37389994		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	18.3083992		
k_AUTORARRETMOTDAValidThresh_mS_u16	55466		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1373.84863		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.38819981		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.0506992		
k_DDEREDEMDAVehSpdThresh_Kph_f32	157.610992		
k_JDD2010Selected_Cnt_Igc	0		
k_STTdMinHwAuthority_Uls_f32	0.283300012		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	21614		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.12669992		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	92.6485977		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	21	21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.35 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.763300002
HandwheelPosition_HwDeg_M_f32	-1538.25208
HandwheelTorque_HwNm_M_f32	1.40980005

# TEST DETAILS REPORT



Name	Input Value		
HandwheelVelocity_HwRadpS_M_f32	-29.3484993		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1118.89355		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.30140018		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.0119991		
k_AUTORARRETMOTDAValidThresh_mS_u16	4637		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	857.219971		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.4359999		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	14.2884998		
k_DDEREDEMDAVehSpdThresh_Kph_f32	157.458801		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.978299975		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	29958		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.02630043		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	221.2509		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-36	-36	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.36 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.0309999995
HandwheelPosition_HwDeg_M_f32	1192.03601
HandwheelTorque_HwNm_M_f32	-8.80000019
HandwheelVelocity_HwRadpS_M_f32	-12.4701996
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

# TEST DETAILS REPORT



Name	Input Value		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1416.38867		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.20300007		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	2.36549997		
k_AUTORARRETMOTDAValidThresh_mS_u16	3144		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1316.74854		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.34579992		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	3.93390012		
k_DDEREDEMDAVehSpdThresh_Kph_f32	54.3470993		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.644599974		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	49428		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	6.20459986		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	223.723404		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	25	25	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.37 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.954699993
HandwheelPosition_HwDeg_M_f32	-1308.09485
HandwheelTorque_HwNm_f32	8.80000019
HandwheelVelocity_HwRadpS_M_f32	-4.32539988
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	898.526001
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07499981
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	8.86900043

# TEST DETAILS REPORT



Name	Input Value		
k_AUTORARRETMOTDAValidThresh_mS_u16	50516		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1470.68396		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.31750011		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	23.4025993		
k_DDEREDEMDAVehSpdThresh_Kph_f32	231.194901		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.633400023		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	29655		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.45429993		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	145.920807		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	14	14	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.38 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.895900011
HandwheelPosition_HwDeg_M_f32	-973.413696
HandwheelTorque_HwNm_M_f32	0
HandwheelVelocity_HwRadpS_M_f32	-2.25279999
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1540.72815
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.94149971
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	23.9333992
k_AUTORARRETMOTDAValidThresh_mS_u16	58892
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1176.74963
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.3470001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	23.1916008



# TEST DETAILS REPORT



Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	167.026901		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.946200013		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	38393		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.49139977		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	185.863297		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-30	-30	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.39 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.169400007
HandwheelPosition_HwDeg_M_f32	29.4708004
HandwheelTorque_HwNm_M_f32	4.85419989
HandwheelVelocity_HwRadpS_M_f32	8.77040005
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	748.335205
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.91300011
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.8782997
k_AUTORARRETMOTDAValidThresh_mS_u16	51202
k_DDEREDEMDAHwPosThresh_HwDeg_f32	573.650574
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.26189995
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	16.3738995
k_DDEREDEMDAvehSpdThresh_Kph_f32	20.4852009
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.868799984
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	61280



# TEST DETAILS REPORT



Name	Input Value
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_Igc	target_SrlComOutput_Per1_LXASelectd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelectd_Cnt_Igc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.57889986
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	41.1021004

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-30	-30	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.723399997
HandwheelPosition_HwDeg_M_f32	-250.319199
HandwheelTorque_HwNm_M_f32	-6.72459984
HandwheelVelocity_HwRadpS_M_f32	30.6690998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	359.98999
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.89519978
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.3766994
k_AUTORARRETMOTDAValidThresh_mS_u16	22093
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1463.42554
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.85960007
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	2.4683001
k_DDEREDEMDAVehSpdThresh_Kph_f32	191.048706
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.548799992
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	19237
target_Rte_Inst_Ap_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-2.2644999		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	216.671097		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-9	-9	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.41 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.0126
HandwheelPosition_HwDeg_M_f32	-113.245598
HandwheelTorque_HwNm_M_f32	4.02810001
HandwheelVelocity_HwRadpS_M_f32	-32
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1381.22607
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.27040005
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.0125999
k_AUTORARRETMOTDAValidThresh_mS_u16	56347
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1371.07605
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.00500011
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.8740997
k_DDEREDEMDAVehSpdThresh_Kph_f32	98.5678024
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.873000026
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	15351
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.84740019		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	212.590805		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.46419999
HandwheelPosition_HwDeg_M_f32	355.041809
HandwheelTorque_HwNm_M_f32	2.25250006
HandwheelVelocity_HwRadpS_M_f32	32
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1025.9082
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.8276
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.8834
k_AUTORARRETMOTDAValidThresh_mS_u16	7548
k_DDEREDEMDAHwPosThresh_HwDeg_f32	103.306602
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.8660002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	24.6413994
k_DDEREDEMDAVehSpdThresh_Kph_f32	111.687798
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.977699995
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	62490
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.7420001		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	122.677803		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	31	31	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrIComOutput_GetCpleVolant	1	SrIComOutput_GetCpleVolant	1	✓
SrIComOutput_GetEtatDa2004	1	SrIComOutput_GetEtatDa2004	1	✓
SrIComOutput_GetEtatDa2010	1	SrIComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓

Test Step 2.43 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.324200004
HandwheelPosition_HwDeg_M_f32	-680.744507
HandwheelTorque_HwNm_M_f32	7.36819983
HandwheelVelocity_HwRadpS_M_f32	0
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1309.29907
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.59309995
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	2.11199999
k_AUTORARRETMOTDAValidThresh_mS_u16	21669
k_DDEREDEMDAHwPosThresh_HwDeg_f32	284.693695
k_DDEREDEMDAHwTrqThresh_HwNm_f32	1.88300002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	16.2882004
k_DDEREDEMDAVehSpdThresh_Kph_f32	225.230499
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.9727
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	46668
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ETATDADYN_Cnt_enum	target_SrIComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_lgc	target_SrIComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrIComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_VehicleSpeed_Kph_f32	target_SrIComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	2
target_SrIComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrIComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.42910004		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	195.634903		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	18	18	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓	

# TEST DETAILS REPORT



## Test Step 2.44 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	1		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	1		
HandwheelAuthority_Uls_M_f32	0.736899972		
HandwheelPosition_HwDeg_M_f32	-389.840515		
HandwheelTorque_HwNm_M_f32	-5.18219995		
HandwheelVelocity_HwRadpS_M_f32	19.7611008		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	401.515198		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.497900009		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.8656998		
k_AUTORARRETMOTDAValidThresh_mS_u16	38521		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1197.6814		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.65470028		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.8666		
k_DDEREDEMDAVehSpdThresh_Kph_f32	104.574303		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.0463999994		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	18950		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.17000008		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	196.132706		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	21	21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrIComOutput_GetCpleVolant	1	SrIComOutput_GetCpleVolant	1	✓
SrIComOutput_GetEtatDa2004	1	SrIComOutput_GetEtatDa2004	1	✓
SrIComOutput_GetEtatDa2010	1	SrIComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓

## Test Step 2.45 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

# TEST DETAILS REPORT



Name	Input Value		
DutyCycleExceeded_Cnt_M_Igc	1		
HandwheelAuthority_Uls_M_f32	0.70539999		
HandwheelPosition_HwDeg_M_f32	787.960571		
HandwheelTorque_HwNm_M_f32	2.94709992		
HandwheelVelocity_HwRadpS_M_f32	-25.4657993		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1427.9292		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.0236001		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	24.3903008		
k_AUTORARRETMOTDAValidThresh_mS_u16	2794		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	566.928894		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.10319996		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.4743004		
k_DDEREDEMDAVehSpdThresh_Kph_f32	62.5707016		
k_JDD2010Selected_Cnt_Igc	1		
k_STTdMinHwAuthority_Uls_f32	0.159500003		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	58547		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.29409981		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	60.3423004		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-25	-25	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.46 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.931100011
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	2.66810012



# TEST DETAILS REPORT



Name	Input Value		
HandwheelVelocity_HwRadpS_M_f32	-27.5573997		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1183.69592		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.7105		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	18.6769009		
k_AUTORARRETMOTDAValidThresh_mS_u16	14045		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	10.1862001		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.63029957		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	10.7860003		
k_DDEREDEMDAVehSpdThresh_Kph_f32	134.131393		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.660700023		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	21929		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.86049986		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	35.0140991		
Name	Actual Value	Expected Value	Result
target_Pim_PimlsDatDiraMsg.CpleVolant	-23	-23	✔
target_Pim_PimlsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimlsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimlsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimlsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimlsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimlsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimlsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimlsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.47 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.99970001
HandwheelPosition_HwDeg_M_f32	1600
HandwheelTorque_HwNm_M_f32	-4.40980005
HandwheelVelocity_HwRadpS_M_f32	0.545300007
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1



# TEST DETAILS REPORT



Name	Input Value
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1096.76379
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.46149993
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.2063999
k_AUTORARRETMOTDAValidThresh_mS_u16	21444
k_DDEREDEMDAHwPosThresh_HwDeg_f32	675.921387
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.54080009
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	14.7692003
k_DDEREDEMDAVehSpdThresh_Kph_f32	134.898804
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.601000011
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	60975
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_Igc	target_SrlComOutput_Per1_LXASelectd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_LXASelectd_Cnt_Igc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.51259995
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	1.59710002

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-30	-30	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.48 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.721000016
HandwheelPosition_HwDeg_M_f32	0
HandwheelTorque_HwNm_M_f32	3.37859988
HandwheelVelocity_HwRadpS_M_f32	6.71000004
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	162.546097
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.58169985
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0.550000012



Name

# TEST DETAILS REPORT



Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	115.594704		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.149700001		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	50403		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.60500002		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	104.2967		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-22	-22	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.50 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.2139
HandwheelPosition_HwDeg_M_f32	-714.208679
HandwheelTorque_HwNm_M_f32	6.69460011
HandwheelVelocity_HwRadpS_M_f32	9.23050022
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1559.12659
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.191599995
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	11.0916004
k_AUTORARRETMOTDAValidThresh_mS_u16	23153
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1331.89404
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.76999998
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	9.75209999
k_DDEREDEMDAvehSpdThresh_Kph_f32	16.4384003
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.531899989
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	14067

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.98460007		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	41.9500008		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	32	32	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.51 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0
HandwheelPosition_HwDeg_M_f32	-1595.29541
HandwheelTorque_HwNm_M_f32	7.48710012
HandwheelVelocity_HwRadpS_M_f32	23.1581993
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1507.13538
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.08589983
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.5424004
k_AUTORARRETMOTDAValidThresh_mS_u16	62940
k_DDEREDEMDAHwPosThresh_HwDeg_f32	355.999512
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.4972
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.8054008
k_DDEREDEMDAVehSpdThresh_Kph_f32	212.782394
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.195299998
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	35082
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.61990023		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	117.658401		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-18	-18	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.52 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	795.250671
HandwheelTorque_HwNm_M_f32	4.98719978
HandwheelVelocity_HwRadpS_M_f32	-7.82450008
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	370.150391
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.21889973
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	18.5177994
k_AUTORARRETMOTDAValidThresh_mS_u16	38942
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1109.19006
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.7642002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.4804993
k_DDEREDEMDAVehSpdThresh_Kph_f32	155.025406
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.811699986
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	17927
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.77080011		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	88.0546036		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	23	23	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDdyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.53 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.68720001
HandwheelPosition_HwDeg_M_f32	1070.56055
HandwheelTorque_HwNm_M_f32	6.05740023
HandwheelVelocity_HwRadpS_M_f32	-17.4587994
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	8.55580044
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.86989999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	8.98060036
k_AUTORARRETMOTDAValidThresh_mS_u16	14149
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1106.46057
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.6570997
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.4458008
k_DDEREDEMDAVehSpdThresh_Kph_f32	187.425598
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.269600004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	21298
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.40829992		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	101.246803		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-26	-26	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrIComOutput_GetCpleVolant	1	SrIComOutput_GetCpleVolant	1	✓
SrIComOutput_GetEtatDa2004	1	SrIComOutput_GetEtatDa2004	1	✓
SrIComOutput_GetEtatDa2010	1	SrIComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓

Test Step 2.54 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.292899996
HandwheelPosition_HwDeg_M_f32	1574.67493
HandwheelTorque_HwNm_M_f32	2.02080011
HandwheelVelocity_HwRadpS_M_f32	5.66720009
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1529.4585
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.22189999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	20.4507999
k_AUTORARRETMOTDAValidThresh_mS_u16	11742
k_DDEREDEMDAHwPosThresh_HwDeg_f32	220.160507
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.1578999
k_DDEREDEMDAVehSpdThresh_Kph_f32	236.383698
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.562399983
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	61830
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ETATDADYN_Cnt_enum	target_SrIComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrIComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_VehicleSpeed_Kph_f32	target_SrIComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	1
target_SrIComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.31260014		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	31.3670998		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	17	17	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓	



# TEST DETAILS REPORT



## Test Step 2.55 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	0		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	1		
HandwheelAuthority_Uls_M_f32	0.1928		
HandwheelPosition_HwDeg_M_f32	1540.85742		
HandwheelTorque_HwNm_M_f32	-6.38460016		
HandwheelVelocity_HwRadpS_M_f32	-26.1320992		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1421.36511		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.48339987		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.8254995		
k_AUTORARRETMOTDAValidThresh_mS_u16	31318		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1550.53296		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	15		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.2705994		
k_DDEREDEMDAVehSpdThresh_Kph_f32	217.366104		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.190500006		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	44993		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.1645		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	184.709396		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	13	13	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.56 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0

# TEST DETAILS REPORT



Name	Input Value		
DutyCycleExceeded_Cnt_M_Igc	1		
HandwheelAuthority_Uls_M_f32	0.983900011		
HandwheelPosition_HwDeg_M_f32	-177.446793		
HandwheelTorque_HwNm_M_f32	-8.1885004		
HandwheelVelocity_HwRadpS_M_f32	18.8024998		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	94.0257034		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.30490017		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.9832001		
k_AUTORARRETMOTDAValidThresh_mS_u16	1506		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1067.75635		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.68120003		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	30.8173008		
k_DDEREDEMDAVehSpdThresh_Kph_f32	126.148903		
k_JDD2010Selected_Cnt_Igc	1		
k_STTdMinHwAuthority_Uls_f32	0.985099971		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	63914		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.62029982		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	197.703903		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-22	-22	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.57 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.0873000026
HandwheelPosition_HwDeg_M_f32	-1515.08569
HandwheelTorque_HwNm_M_f32	7.54680014

# TEST DETAILS REPORT



Name	Input Value		
HandwheelVelocity_HwRadpS_M_f32	-21.8983994		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	771.393677		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.46280003		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	13.2023001		
k_AUTORARRETMOTDAValidThresh_mS_u16	27790		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	338.766602		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.74680042		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0		
k_DDEREDEMDAVehSpdThresh_Kph_f32	54.2160988		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.252299994		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	31272		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.56869984		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	116.5327		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	22	22	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.58 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.180899993
HandwheelPosition_HwDeg_M_f32	95.4423981
HandwheelTorque_HwNm_M_f32	5.01450014
HandwheelVelocity_HwRadpS_M_f32	-28.1322994
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

# TEST DETAILS REPORT



Name	Input Value
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	887.864197
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.92080021
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0.859899998
k_AUTORARRETMOTDAValidThresh_mS_u16	14664
k_DDEREDEMMDAHwPosThresh_HwDeg_f32	1428.17041
k_DDEREDEMMDAHwTrqThresh_HwNm_f32	10.8246002
k_DDEREDEMMDAHwVelThresh_HwRadpS_f32	32
k_DDEREDEMMDAVehSpdThresh_Kph_f32	39.3611984
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.380699992
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	15294
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_lgc	target_SrlComOutput_Per1_LXASelectd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelectd_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.82929993
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	48.7345009

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-15	-15	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.59 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.422399998
HandwheelPosition_HwDeg_M_f32	-1352.39563
HandwheelTorque_HwNm_M_f32	2.65440011
HandwheelVelocity_HwRadpS_M_f32	-11.9524002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1559.80115
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.01760006
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	2.71490002

# TEST DETAILS REPORT



Name	Input Value		
k_AUTORARRETMOTDAValidThresh_mS_u16	48498		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	396.497711		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.6480999		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.4529991		
k_DDEREDEMDAVehSpdThresh_Kph_f32	163.376602		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.0273000002		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	38377		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.85750008		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	124.3545		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	23	23	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.60 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.381099999
HandwheelPosition_HwDeg_M_f32	-1089.0509
HandwheelTorque_HwNm_M_f32	3.48239994
HandwheelVelocity_HwRadpS_M_f32	22.1217003
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1018.52588
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.45379996
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	1.0165
k_AUTORARRETMOTDAValidThresh_mS_u16	62714
k_DDEREDEMDAHwPosThresh_HwDeg_f32	75.4980011
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.8245001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.8253994

# TEST DETAILS REPORT



Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	246.985992		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.92869997		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	2730		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	8.49170017		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	98.4329987		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	34	34	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.61 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.179800004
HandwheelPosition_HwDeg_M_f32	-469.59259
HandwheelTorque_HwNm_M_f32	6.01450014
HandwheelVelocity_HwRadpS_M_f32	21.2563992
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	771.951172
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.35459995
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.5090008
k_AUTORARRETMOTDAValidThresh_mS_u16	62400
k_DDEREDEMDAHwPosThresh_HwDeg_f32	902.287781
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.8725004
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.9804993
k_DDEREDEMDAvehSpdThresh_Kph_f32	0
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.933399975
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	15141

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.60669994		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	91.6039963		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-26	-26	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.62 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.986199975
HandwheelPosition_HwDeg_M_f32	624.996826
HandwheelTorque_HwNm_M_f32	1.95490003
HandwheelVelocity_HwRadpS_M_f32	-18.5545998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	513.667603
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.72140026
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	24.0603008
k_AUTORARRETMOTDAValidThresh_mS_u16	46329
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1125.14563
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.40540028
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.2546005
k_DDEREDEMDAVehSpdThresh_Kph_f32	255
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.221900001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	52678
target_Rte_Inst_Ap_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum



# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.54029989		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	88.6930008		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	10	10	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.63 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.108199999
HandwheelPosition_HwDeg_M_f32	821.520508
HandwheelTorque_HwNm_M_f32	6.45249987
HandwheelVelocity_HwRadpS_M_f32	11.4285002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1446.54187
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.34180021
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	7.29580021
k_AUTORARRETMOTDAValidThresh_mS_u16	14007
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1010.84192
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.98239994
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.8462
k_DDEREDEMDAVehSpdThresh_Kph_f32	8.5
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.740700006
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	5183
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc



# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.20270014		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	85.1471024		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	21	21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDdyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.64 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.111000001
HandwheelPosition_HwDeg_M_f32	395.446289
HandwheelTorque_HwNm_M_f32	3.54579997
HandwheelVelocity_HwRadpS_M_f32	-21.5814991
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1116.85522
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07330036
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.4993992
k_AUTORARRETMOTDAValidThresh_mS_u16	40236
k_DDEREDEMDAHwPosThresh_HwDeg_f32	778.504578
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.05840015
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.6471004
k_DDEREDEMDAVehSpdThresh_Kph_f32	133.548492
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.359299988
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	20298
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-2.79850006		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	161.628006		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-11	-11	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.65 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.274800003
HandwheelPosition_HwDeg_M_f32	-673.858215
HandwheelTorque_HwNm_M_f32	6.83300018
HandwheelVelocity_HwRadpS_M_f32	8.37230015
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	573.448181
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.65849996
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.1638002
k_AUTORARRETMOTDAValidThresh_mS_u16	363
k_DDEREDEMDAHwPosThresh_HwDeg_f32	592.088501
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.80639982
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.1504002
k_DDEREDEMDAVehSpdThresh_Kph_f32	173.447098
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	15777
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	8.62940025		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	107.4618		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	35	35	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	3	3	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓	

# TEST DETAILS REPORT



## Test Step 2.66 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	1		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	1		
HandwheelAuthority_Uls_M_f32	0.229599997		
HandwheelPosition_HwDeg_M_f32	962.759216		
HandwheelTorque_HwNm_M_f32	0.987299979		
HandwheelVelocity_HwRadpS_M_f32	-11.6079998		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	62.9836998		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.90830004		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	26.2770996		
k_AUTORARRETMOTDAValidThresh_mS_u16	48654		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	590.76062		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.7097998		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.1189995		
k_DDEREDEMDAVehSpdThresh_Kph_f32	6.42729998		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	1		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	53720		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-0.505599976		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	1.30040002		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-2	-2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.67 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0

# TEST DETAILS REPORT



Name	Input Value		
DutyCycleExceeded_Cnt_M_Igc	1		
HandwheelAuthority_Uls_M_f32	0.720200002		
HandwheelPosition_HwDeg_M_f32	178.457108		
HandwheelTorque_HwNm_M_f32	-1.04610002		
HandwheelVelocity_HwRadpS_M_f32	10.9621		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	744.329529		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.36019993		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.3107996		
k_AUTORARRETMOTDAValidThresh_mS_u16	36661		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	156.840897		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.90170002		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.0928993		
k_DDEREDEMDAVehSpdThresh_Kph_f32	169.262405		
k_JDD2010Selected_Cnt_Igc	1		
k_STTdMinHwAuthority_Uls_f32	0.600000024		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	12886		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.20340014		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	159.750595		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-17	-17	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.68 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.897599995
HandwheelPosition_HwDeg_M_f32	-642.455811
HandwheelTorque_HwNm_M_f32	-4.04610014

# TEST DETAILS REPORT



Name	Input Value		
HandwheelVelocity_HwRadpS_M_f32	15.9621		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1353.89709		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.6473999		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	24.7584991		
k_AUTORARRETMOTDAValidThresh_mS_u16	19352		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	789.95343		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.90170002		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	21.0928993		
k_DDEREDEMDAVehSpdThresh_Kph_f32	199.262405		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.854499996		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	48402		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.66059995		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	169.750595		
Name	Actual Value	Expected Value	Result
target_Pim_PimlsDatDiraMsg.CpleVolant	11	11	✔
target_Pim_PimlsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimlsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimlsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimlsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimlsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimlsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimlsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimlsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.69 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.744599998
HandwheelPosition_HwDeg_M_f32	-819.761719
HandwheelTorque_HwNm_M_f32	5.98729992
HandwheelVelocity_HwRadpS_M_f32	9.57600021
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1

# TEST DETAILS REPORT



Name	Input Value		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1339.92505		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.9282999		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.2691002		
k_AUTORARRETMOTDAValidThresh_mS_u16	37887		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	0		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.72480011		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	12.1869001		
k_DDEREDEMDAVehSpdThresh_Kph_f32	44.5556984		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.496399999		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	22531		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.90240002		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	22.8518009		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.70 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.568899989
HandwheelPosition_HwDeg_M_f32	869.710876
HandwheelTorque_HwNm_f32	-6.33339977
HandwheelVelocity_HwRadpS_M_f32	-7.93069983
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1142.58167
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.09259987
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.3607006



# TEST DETAILS REPORT



Name	Input Value		
k_AUTORARRETMOTDAValidThresh_mS_u16	12966		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1600		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.3972998		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	29.4953995		
k_DDEREDEMDAVehSpdThresh_Kph_f32	248.211304		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.373199999		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	19368		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.86229992		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	196.070404		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	23	23	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.71 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.957199991
HandwheelPosition_HwDeg_M_f32	-1533.56189
HandwheelTorque_HwNm_M_f32	4.3204999
HandwheelVelocity_HwRadpS_M_f32	21.8817005
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	161.250397
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.07430005
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	4.72329998
k_AUTORARRETMOTDAValidThresh_mS_u16	61831
k_DDEREDEMDAHwPosThresh_HwDeg_f32	45
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.97940016
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.4139996



# TEST DETAILS REPORT



Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	126.573196		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.820500016		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	59144		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.90339994		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	103.404602		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.72 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.719500005
HandwheelPosition_HwDeg_M_f32	195.831696
HandwheelTorque_HwNm_M_f32	0.549799979
HandwheelVelocity_HwRadpS_M_f32	15.4840002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	351.245789
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.16300011
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	28.5589008
k_AUTORARRETMOTDAValidThresh_mS_u16	53203
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1258.48425
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.37119961
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.6054993
k_DDEREDEMDAvehSpdThresh_Kph_f32	12.5261002
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.376100004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	4004

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.09910011		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	7.4689002		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	8	8	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.73 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.806299984
HandwheelPosition_HwDeg_M_f32	839.084595
HandwheelTorque_HwNm_M_f32	-5.92539978
HandwheelVelocity_HwRadpS_M_f32	-11.8796997
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	47.8693008
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	4.95669985
k_AUTORARRETMOTDAValidThresh_mS_u16	13364
k_DDEREDEMDAHwPosThresh_HwDeg_f32	640.608276
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.56099987
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	16.4827003
k_DDEREDEMDAVehSpdThresh_Kph_f32	136.071503
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.288399994
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	13503
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.34899998		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	54.6910019		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-33	-33	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.74 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.380299985
HandwheelPosition_HwDeg_M_f32	1062.49927
HandwheelTorque_HwNm_M_f32	-4.16830015
HandwheelVelocity_HwRadpS_M_f32	-19.9964008
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	100.143898
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	10
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	11.2258997
k_AUTORARRETMOTDAValidThresh_mS_u16	37934
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1340.27124
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.5774002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.6686993
k_DDEREDEMDAVehSpdThresh_Kph_f32	237.332108
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.248799995
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	20195
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.4059		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	142.3228		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-38	-38	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDdyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.75 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.967999995
HandwheelPosition_HwDeg_M_f32	1096.75366
HandwheelTorque_HwNm_M_f32	-2.41939998
HandwheelVelocity_HwRadpS_M_f32	2.45819998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	716.349426
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.4423008
k_AUTORARRETMOTDAValidThresh_mS_u16	16683
k_DDEREDEMDAHwPosThresh_HwDeg_f32	988.050293
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.51160002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.9138999
k_DDEREDEMDAVehSpdThresh_Kph_f32	250.871506
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.0373000018
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	37904
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-8.75590038		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	2.13700008		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-35	-35	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrIComOutput_GetCpleVolant	1	SrIComOutput_GetCpleVolant	1	✓
SrIComOutput_GetEtatDa2004	1	SrIComOutput_GetEtatDa2004	1	✓
SrIComOutput_GetEtatDa2010	1	SrIComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓

## Test Step 2.76 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.058600001
HandwheelPosition_HwDeg_M_f32	1129.14832
HandwheelTorque_HwNm_M_f32	-1.65180004
HandwheelVelocity_HwRadpS_M_f32	15.9989004
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	338.65509
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	4.89720011
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	11.3528996
k_AUTORARRETMOTDAValidThresh_mS_u16	32428
k_DDEREDEMDAHwPosThresh_HwDeg_f32	392.241486
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.850300014
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.6647997
k_DDEREDEMDAVehSpdThresh_Kph_f32	160.268097
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.578299999
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	8674
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ETATDADYN_Cnt_enum	target_SrIComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrIComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_VehicleSpeed_Kph_f32	target_SrIComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	1
target_SrIComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-0.691799998		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	14.816		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-3	-3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓	

# TEST DETAILS REPORT



## Test Step 2.77 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	1		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	0.539399981		
HandwheelPosition_HwDeg_M_f32	-1102.74084		
HandwheelTorque_HwNm_M_f32	4.2677002		
HandwheelVelocity_HwRadpS_M_f32	23.2607002		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1450.65881		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.7276001		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0		
k_AUTORARRETMOTDAValidThresh_mS_u16	15115		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1173.67175		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.09969997		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.9232006		
k_DDEREDEMDAVehSpdThresh_Kph_f32	190.776199		
k_JDD2010Selected_Cnt_lgc	0		
k_STTdMinHwAuthority_Uls_f32	0.0171000008		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	36030		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.6796999		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	175.042007		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-15	-15	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.78 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0



# TEST DETAILS REPORT



Name	Input Value		
DutyCycleExceeded_Cnt_M_Igc	0		
HandwheelAuthority_Uls_M_f32	0.444299996		
HandwheelPosition_HwDeg_M_f32	1012.68719		
HandwheelTorque_HwNm_M_f32	3.25390005		
HandwheelVelocity_HwRadpS_M_f32	-3.41470003		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_Igc	1		
VehicleSpeedValid_Cnt_M_Igc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	982.509827		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.4071002		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	32		
k_AUTORARRETMOTDAValidThresh_mS_u16	42633		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1540.17993		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.0899		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.6098003		
k_DDEREDEMDAVehSpdThresh_Kph_f32	5.45510006		
k_JDD2010Selected_Cnt_Igc	1		
k_STTdMinHwAuthority_Uls_f32	0.364899993		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	16407		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.997799993		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	79.7102966		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.79 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.718200028
HandwheelPosition_HwDeg_M_f32	510.012207
HandwheelTorque_HwNm_M_f32	0.479000002





Name

# TEST DETAILS REPORT



Name	Input Value		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1017.97461		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.56130004		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.4067993		
k_AUTORARRETMOTDAValidThresh_mS_u16	58652		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	317.045685		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.13240004		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.3313999		
k_DDEREDEMDAVehSpdThresh_Kph_f32	208.824005		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.945200026		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	24907		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-5.18540001		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	93.0742035		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-21	-21	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.81 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.601800025
HandwheelPosition_HwDeg_M_f32	1168.08655
HandwheelTorque_HwNm_f32	4.4993
HandwheelVelocity_HwRadpS_M_f32	-15.1118002
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	0
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.67740011
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	17.6422997

# TEST DETAILS REPORT



Name	Input Value		
k_AUTORARRETMOTDAValidThresh_mS_u16	59255		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	444.580688		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	11.5609999		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	15.7396002		
k_DDEREDEMDAVehSpdThresh_Kph_f32	20.6508999		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.461600006		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	15914		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.33699989		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	23.7294006		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-13	-13	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

## Test Step 2.82 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.548399985
HandwheelPosition_HwDeg_M_f32	1074.14001
HandwheelTorque_HwNm_M_f32	-0.0891000032
HandwheelVelocity_HwRadpS_M_f32	11.9794998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1600
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.62590003
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.6105995
k_AUTORARRETMOTDAValidThresh_mS_u16	65290
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1376.05652
k_DDEREDEMDAHwTrqThresh_HwNm_f32	7.7349
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.1093998

# TEST DETAILS REPORT



Name	Input Value		
k_DDEREDEMDAVehSpdThresh_Kph_f32	188.331406		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.328999996		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	46121		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.89680004		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	169.512207		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.83 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.764199972
HandwheelPosition_HwDeg_M_f32	340.168396
HandwheelTorque_HwNm_M_f32	5.54949999
HandwheelVelocity_HwRadpS_M_f32	-5.73979998
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	45
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.8217001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.6025009
k_AUTORARRETMOTDAValidThresh_mS_u16	59469
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1124.50195
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.3027
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	28.6867008
k_DDEREDEMDAvehSpdThresh_Kph_f32	206.079895
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.583400011
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	37174

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	5.98850012		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	249.944794		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.84 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.886500001
HandwheelPosition_HwDeg_M_f32	-1484.83276
HandwheelTorque_HwNm_M_f32	-2.53250003
HandwheelVelocity_HwRadpS_M_f32	10.5973997
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1155.48242
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.01320004
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.9127998
k_AUTORARRETMOTDAValidThresh_mS_u16	56540
k_DDEREDEMDAHwPosThresh_HwDeg_f32	680.511902
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.47340012
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	20.3500004
k_DDEREDEMDAVehSpdThresh_Kph_f32	163.317795
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.626100004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	59266
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.69750023		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	102.889099		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-19	-19	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.85 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.827199996
HandwheelPosition_HwDeg_M_f32	1309.151
HandwheelTorque_HwNm_M_f32	-1.22379994
HandwheelVelocity_HwRadpS_M_f32	-10.7107
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1285.17383
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.11049986
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	14.4814997
k_AUTORARRETMOTDAValidThresh_mS_u16	0
k_DDEREDEMDAHwPosThresh_HwDeg_f32	255.574402
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.2506001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	11.0361004
k_DDEREDEMDAVehSpdThresh_Kph_f32	137.111496
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.962599993
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	14834
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	0.412499994		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	77.6911011		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDdyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓

Test Step 2.86 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.656300008
HandwheelPosition_HwDeg_M_f32	-697.574829
HandwheelTorque_HwNm_M_f32	1.37759995
HandwheelVelocity_HwRadpS_M_f32	18.4943008
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	496.740387
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.93270016
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.6588001
k_AUTORARRETMOTDAValidThresh_mS_u16	65535
k_DDEREDEMDAHwPosThresh_HwDeg_f32	978.234314
k_DDEREDEMDAHwTrqThresh_HwNm_f32	13.8399
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	24.2486
k_DDEREDEMDAVehSpdThresh_Kph_f32	78.2873001
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.76700002
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	31736
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1

# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	7.1401		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	18.7481995		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	29	29	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrIComOutput_GetCpleVolant	1	SrIComOutput_GetCpleVolant	1	✓
SrIComOutput_GetEtatDa2004	1	SrIComOutput_GetEtatDa2004	1	✓
SrIComOutput_GetEtatDa2010	1	SrIComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓

Test Step 2.87 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.751999974
HandwheelPosition_HwDeg_M_f32	1004.33807
HandwheelTorque_HwNm_M_f32	7.91289997
HandwheelVelocity_HwRadpS_M_f32	16.5592995
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	980.610291
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.24699974
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.9113998
k_AUTORARRETMOTDAValidThresh_mS_u16	35
k_DDEREDEMDAHwPosThresh_HwDeg_f32	157.3172
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.3308001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.6343002
k_DDEREDEMDAVehSpdThresh_Kph_f32	79.6225967
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.918500006
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	42588
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ETATDADYN_Cnt_enum	target_SrIComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_lgc	target_SrIComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_SrIComHwTrq_HwNm_f32	target_SrIComOutput_Per1_SrIComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrIComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_VehicleSpeed_Kph_f32	target_SrIComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_SrIComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrIComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrIComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	2
target_SrIComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrIComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrIComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0



# TEST DETAILS REPORT



Name	Input Value		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	3.31839991		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	26.9824009		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	13	13	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓	
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓	
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓	
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓	
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓	
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓	

# TEST DETAILS REPORT



## Test Step 2.88 (Repeat Count = 1)

Name	Input Value		
AbsTempThermLimit_Cnt_M_lgc	0		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
DutyCycleExceeded_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	0.116700001		
HandwheelPosition_HwDeg_M_f32	-439.315887		
HandwheelTorque_HwNm_M_f32	4.15770006		
HandwheelVelocity_HwRadpS_M_f32	-8.37230015		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
STTdSelected_Cnt_M_lgc	1		
VehicleSpeedValid_Cnt_M_lgc	1		
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1370.72156		
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.33339977		
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	17.7131004		
k_AUTORARRETMOTDAValidThresh_mS_u16	48658		
k_DDEREDEMDAHwPosThresh_HwDeg_f32	553.776611		
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.33199978		
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.2338009		
k_DDEREDEMDAVehSpdThresh_Kph_f32	143.896805		
k_JDD2010Selected_Cnt_lgc	1		
k_STTdMinHwAuthority_Uls_f32	0.412400007		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_El	20352		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.73950005		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	120.150597		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDatDiraMsg.CpleVolant	-19	-19	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrIComOutput_GetCpleVolant	1	SrIComOutput_GetCpleVolant	1	✓
SrIComOutput_GetEtatDa2004	1	SrIComOutput_GetEtatDa2004	1	✓
SrIComOutput_GetEtatDa2010	1	SrIComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓

# TEST DETAILS REPORT

2018-05-28, 19:30:59+0530

SrlComOutput\_GetEtatDa2010



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetEtatDa2010

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
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# TEST DETAILS REPORT

2018-05-28, 19:30:59+0530

SrlComOutput\_GetEtatDa2010



Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESEROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2018-05-28, 19:30:59+0530

SriComOutput\_GetEtatDa2010



## Test Case 1: Metrics Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 42.00 Cycles  
TS1.2 42.00 Cycles

**Description** Vector Description:

TS1.1Shortest Execution Path:  
if( (k\_JDD2010Selected\_Cnt\_Igc == FALSE)==>True ||  
(EtatDa2\_Cnt\_T\_Igc == TRUE) )=>True

TS1.2Longest Execution Path:  
if( (k\_JDD2010Selected\_Cnt\_Igc == FALSE)==>False ||  
(EtatDa2\_Cnt\_T\_Igc == TRUE)==>False )=>False

### Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
EtatDa2_Cnt_T_Igc	0		
k_JDD2010Selected_Cnt_Igc	0		
Name	Actual Value	Expected Value	Result
SriComOutput_GetEtatDa2010()	2	2	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
EtatDa2_Cnt_T_Igc	0		
k_JDD2010Selected_Cnt_Igc	1		
Name	Actual Value	Expected Value	Result
SriComOutput_GetEtatDa2010()	0	0	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Case 2: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS2.1 42.00 Cycles  
TS2.2 42.00 Cycles  
TS2.3 42.00 Cycles  
TS2.4 42.00 Cycles  
TS2.5 42.00 Cycles  
TS2.6 42.00 Cycles

**Description** Vector Description:

TS2.1 All Min  
TS2.2 All Max  
TS2.3 EtatDa2\_Cnt\_T\_Igc==>Min  
TS2.4 EtatDa2\_Cnt\_T\_Igc==>Max  
TS2.5 k\_JDD2010Selected\_Cnt\_Igc==>Min  
TS2.6 k\_JDD2010Selected\_Cnt\_Igc==>Max

### Test Step 2.1 (Repeat Count = 1)

Name	Input Value		
EtatDa2_Cnt_T_Igc	0		
k_JDD2010Selected_Cnt_Igc	0		
Name	Actual Value	Expected Value	Result
SriComOutput_GetEtatDa2010()	2	2	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

SrlComOutput\_GetEtatDa2010

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## Test Step 2.2 (Repeat Count = 1) ✓

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2010()	2	2	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.3 (Repeat Count = 1) ✓

Name	Input Value		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2010()	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		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2010()	2	2	✓

## 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		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2010()	2	2	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.6 (Repeat Count = 1) ✓

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2010()	2	2	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

---

## TEST DETAILS REPORT

SrlComOutput\_GetEtatDa2010

2018-05-28, 19:30:59+0530



# TEST DETAILS REPORT

2018-05-28, 19:32:13+0530

SrlComOutput\_GetVitesseColonne



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetVitesseColonne

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
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# TEST DETAILS REPORT

2018-05-28, 19:32:13+0530



SrlComOutput\_GetVitesseColonne

Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESSE ROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2018-05-28, 19:32:13+0530

SriComOutput\_GetVitesseColonne



## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS1.1 51.00 Cycles TS1.2 123.00 Cycles
<b>Description</b>	Vector Description:  TS1.1Shortest Execution Path: if (TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>True  TS1.2Longest Execution Path: if (TRUE == DefaultHwaSCommExportValue_Cnt_M_lgc)==>False, ((HandwheelVelocity_HwRadpS_M_f32 * (57.295779513082) * (-1.0f)) >= (2000.0f))=>False, ((HandwheelVelocity_HwRadpS_M_f32 * (57.295779513082) * (-1.0f)) >= ((-2000.0f)))=>False, ((VitesseColonne_HwDegpS_T_f32) < 0.0f)==>False

### Test Step 1.1 (Repeat Count = 1)

Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_lgc	1			
HandwheelVelocity_HwRadpS_M_f32	32			
Name	Actual Value	Expected Value	Result	
SriComOutput_GetVitesseColonne()	2047	2047	✓	

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

### Test Step 1.2 (Repeat Count = 1)

Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_lgc	0			
HandwheelVelocity_HwRadpS_M_f32	-32			
Name	Actual Value	Expected Value	Result	
SriComOutput_GetVitesseColonne()	1833	1833	✓	

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Case 2: Range Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS2.1 123.00 Cycles TS2.2 51.00 Cycles TS2.3 123.00 Cycles TS2.4 51.00 Cycles TS2.5 123.00 Cycles TS2.6 123.00 Cycles TS2.7 123.00 Cycles TS2.8 123.00 Cycles TS2.9 123.00 Cycles
<b>Description</b>	Vector Description:  TS2.1All Min TS2.2All Max TS2.3DefaultHwaSCommExportValue_Cnt_M_lgc==>Min TS2.4DefaultHwaSCommExportValue_Cnt_M_lgc==>Max TS2.5HandwheelVelocity_HwRadpS_M_f32==>Min TS2.6HandwheelVelocity_HwRadpS_M_f32==>Max TS2.7HandwheelVelocity_HwRadpS_M_f32==>Zero TS2.8HandwheelVelocity_HwRadpS_M_f32==>Pos TS2.9HandwheelVelocity_HwRadpS_M_f32==>Neg

### Test Step 2.1 (Repeat Count = 1)

Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_lgc	0			
HandwheelVelocity_HwRadpS_M_f32	-32			
Name	Actual Value	Expected Value	Result	
SriComOutput_GetVitesseColonne()	1833	1833	✓	

# TEST DETAILS REPORT

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SriComOutput\_GetVitesseColonne



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.2 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
HandwheelVelocity_HwRadpS_M_f32	32		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	2047	2047	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-26.9251003		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	1543	1543	✓

## 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		
DefaultHwaSCommExportValue_Cnt_M_lgc	1		
HandwheelVelocity_HwRadpS_M_f32	9.70250034		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	2047	2047	✓

## 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		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	-32		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	1833	1833	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.6 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelVelocity_HwRadpS_M_f32	32		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetVitesseColonne()	-1833	-1833	✓

TEST DETAILS REPORT

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SrlComOutput\_GetVitesseColonne

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
					✓

Test Step 2.7 (Repeat Count = 1)		✓
Name	Input Value	

# TEST DETAILS REPORT

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SrlComOutput\_GetVitesseColonne



Test Step 3.2 (Repeat Count = 1)					✓
Name		Input Value			
DefaultHwaSCommExportValue_Cnt_M_lgc		0			
HandwheelVelocity_HwRadpS_M_f32		34.906601			
Name	Actual Value	Expected Value		Result	
SrlComOutput_GetVitesseColonne()	-2000	-2000		✓	

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

# TEST DETAILS REPORT

2018-05-28, 19:38:56+0530

SrIComOutput\_IS\_DYN\_VOL\_Get



Project	SrIComOutput
Module	SrIComOutput
Test Object	SrIComOutput_IS_DYN_VOL_Get

## Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrIComOutput
Configuration File	D:\Synergy_Work_Area\SrIComOutput\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)\SrIComOutput\src\Ap_SrIComOutput.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrIComOutput\utp\contract -I\$(PROJECTROOT)\SrIComOutput\utp\contract\Ap_SrIComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'SrIComOutput'	*****Unit Test Information*****  Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrIComOutput.c Code File(s) Version: 21 Module Design Document: SrIComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrIComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrIComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrIComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrIComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrIComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrIComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEOTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". *****

## 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

# TEST DETAILS REPORT

2018-05-28, 19:38:56+0530

SrlComOutput\_IS\_DYN\_VOL\_Get



Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

## Test Case 1: Range Test ✓

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS 1.1 995.00 Cycles

**Description** Vector Description:

TS1.1 Check for call trace

## Test Step 1.1 (Repeat Count = 1) ✓

Name	Input Value
IsDynVolAdd	NULL
IsDynVolBase	NULL
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolAddMsg	NULL
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolBaseMsg	NULL

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
memcpy_dup	2	memcpy_dup	2	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓



# TEST DETAILS REPORT

2018-05-28, 19:32:38+0530

SrIComOutput\_Init



Project	SrIComOutput
Module	SrIComOutput
Test Object	SrIComOutput_Init

## Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrIComOutput
Configuration File	D:\Synergy_Work_Area\SrIComOutput\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)\SrIComOutput\src\Ap_SrIComOutput.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrIComOutput\utp\contract -I\$(PROJECTROOT)\SrIComOutput\utp\contract\Ap_SrIComOutput -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'SrIComOutput'	*****Unit Test Information*****  Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrIComOutput.c Code File(s) Version: 21 Module Design Document: SrIComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrIComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrIComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrIComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrIComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrIComOutput_JS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrIComOutput_JS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEOTVOL_HwDegpS_T_f32) < 0.0f)==>True" due to usage of macro "Abs_f32_m". *****

## 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

# TEST DETAILS REPORT

2018-05-28, 19:32:38+0530

SrlComOutput\_Init



Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

2018-05-28, 19:32:38+0530



SrlComOutput\_Init

## Test Case 1: Range Test

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS1.1 574.00 Cycles TS1.2 526.00 Cycles TS1.3 526.00 Cycles
Description	Vector Description:  TS1.1Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min TS1.2Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max TS1.3Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos

### Test Step 1.1 (Repeat Count = 1)

Name		Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren		0		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg		target_Pim_PimIsDatDiraMsg		
Name		Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32		0	0	✓
ETATSECUANGLECOLSigTimer_mS_M_u32		0	0	✓
IsSupvDiraFirstCall_Cnt_M_lgc		1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa		1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa		1	1	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓

### Test Step 1.2 (Repeat Count = 1)

Name		Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren		4294967295		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg		target_Pim_PimIsDatDiraMsg		
Name		Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32		4294967295	4294967295	✓
ETATSECUANGLECOLSigTimer_mS_M_u32		4294967295	4294967295	✓
IsSupvDiraFirstCall_Cnt_M_lgc		1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa		1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa		1	1	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓

### Test Step 1.3 (Repeat Count = 1)

Name		Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren		2547896		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg		target_Pim_PimIsDatDiraMsg		
Name		Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32		2547896	2547896	✓
ETATSECUANGLECOLSigTimer_mS_M_u32		2547896	2547896	✓
IsSupvDiraFirstCall_Cnt_M_lgc		1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa		1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa		1	1	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓



# TEST DETAILS REPORT

2018-05-28, 19:40:30+0530

SrIComOutput\_IS\_SUPV\_DIRA\_Get



Project	SrIComOutput
Module	SrIComOutput
Test Object	SrIComOutput_IS_SUPV_DIRA_Get

## Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrIComOutput
Configuration File	D:\Synergy_Work_Area\SrIComOutput\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)\SrIComOutput\src\Ap_SrIComOutput.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrIComOutput\utp\contract -I\$(PROJECTROOT)\SrIComOutput\utp\contract\Ap_SrIComOutput -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'SrIComOutput'	<p>*****Unit Test Information*****</p> <p>Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrIComOutput.c Code File(s) Version: 21 Module Design Document: SrIComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrIComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrIComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrIComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrIComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrIComOutput_IS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrIComOutput_IS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEOTVOL_HwDegpS_T_f32) &lt; 0.0f)==&gt;True" due to usage of macro "Abs_f32_m".</p> <p>*****</p>

## 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

# TEST DETAILS REPORT

2018-05-28, 19:40:30+0530



SrlComOutput\_IS\_Src\_V\_DIRA\_Get

Attributes	
Name	Value
InitialDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Maker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd

# TEST DETAILS REPORT

2018-05-28, 19:40:30+0530

SrlComOutput\_IS\_SUPV\_DIRA\_Get



## Test Case 1: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS 1.1 959.00 Cycles

**Description** Vector Description:

TS1.1 Check for call trace

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
IsSupvDira	NULL
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	NULL

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓



SrlComOutput
SrlComOutput
SrlComOutput_GetCpleVolantOptimse

100 %
100 %
100 %
100 %

	3	
	3	✓
	0	
	0	

	D:\Synergy_Work_Area\SrlComOutput
	D:\Synergy_Work_Area\SrlComOutput\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
	TI TMS 570 PLS UDE (Default)
	Unit Test
	\$(PROJECTROOT)\SrlComOutput\src\Ap_SrlComOutput.c
	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include




Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
 Code File(s) Under Test: Ap\_SrlComOutput.c  
 Code File(s) Version: 21  
 Module Design Document: SrlComOutput\_MDD.docx  
 Module Design Document Version: 6  
 Data Dictionary Version: 10  
 Unit Test Plan Version: 10  
 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): 3412  
 Total RAM Used (Bytes): 44  
 Total CALS Used (Bytes): 37  
 Special Test Requirements: NA  
 Test Date: 5/28/2018  
 Comments:  
 Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
 Note 2: Inline functions in GlobalMacro.h are not unit tested.  
 Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
 out of range values is given to  
 the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
 Note 4: In function "SrlComOutput\_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
 out of range values is given to  
 the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
 Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
 out of range values is given to  
 the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
 Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
 out of range values is given to  
 the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
 Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
 "((VITESEROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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

TS1.1 1989.00 Cycles  
TS1.2 2068.00 Cycles

Vector Description:

TS1.1Shortest Execution Path:  
if(TRUE == HandwheelTorqueFault\_T\_lgc)==>True

TS1.2Longest Execution Path:  
if(TRUE == HandwheelTorqueFault\_T\_lgc)==>False,  
((HandwheelTorque\_HwNm\_M\_f32) >= (10.0f))==>False,  
((HandwheelTorque\_HwNm\_M\_f32) <= ((-10.0f))]==>False,  
((CpleVolantOptimse\_Cnt\_T\_f32) < 0.0f)==>True

HandwheelTorque_HwNm_M_f32	8.80000019			
SrlComOutput_GetCpleVolantOptimse()	127	127		✓

#### Test Step Call Trace

SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	-8.80000019			
SrlComOutput_GetCpleVolantOptimse()	-88	-88		✓

#### Test Step Call Trace

SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

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

TS2.1 1989.00 Cycles  
TS2.2 1989.00 Cycles  
TS2.3 1989.00 Cycles  
TS2.4 1989.00 Cycles  
TS2.5 1989.00 Cycles  
TS2.6 1989.00 Cycles  
TS2.7 1989.00 Cycles

Vector Description:

TS2.1All Min  
TS2.2All Max  
TS2.3HandwheelTorque\_HwNm\_M\_f32==>Min  
TS2.4HandwheelTorque\_HwNm\_M\_f32==>Max  
TS2.5HandwheelTorque\_HwNm\_M\_f32==>Zero  
TS2.6HandwheelTorque\_HwNm\_M\_f32==>Pos  
TS2.7HandwheelTorque\_HwNm\_M\_f32==>Neg

HandwheelTorque_HwNm_M_f32	-8.80000019			
SrlComOutput_GetCpleVolantOptimse()	-88	-88		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	8.80000019			
SrlComOutput_GetCpleVolantOptimse()	127	127		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	-8.80000019			
SrlComOutput_GetCpleVolantOptimse()	-88	-88		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	8.80000019			
SrlComOutput_GetCpleVolantOptimse()	88	88		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	0			
SrlComOutput_GetCpleVolantOptimse()	0	0		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	2.60520005			
SrlComOutput_GetCpleVolantOptimse()	26	26		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	-5.15380001			
SrlComOutput_GetCpleVolantOptimse()	-52	-52		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS3.1 1984.00 Cycles TS3.2 1988.00 Cycles  Vector Description:  TS3.1 ((HandwheelTorque_HwNm_M_f32) >= (10.0f))==>True TS3.2 ((HandwheelTorque_HwNm_M_f32) >= (-10.0f))==>True				
HandwheelTorque_HwNm_M_f32	10			
SrlComOutput_GetCpleVolantOptimse()	100	100		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

HandwheelTorque_HwNm_M_f32	-10			
SrlComOutput_GetCpleVolantOptimse()	-100	-100		✓

Test Step Call Trace				
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

# TEST DETAILS REPORT

2018-05-28, 19:37:16+0530

SrlComOutput\_IS\_DYN\_DAE



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_IS_DYN_DAE

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
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# TEST DETAILS REPORT

SrlComOutput\_IS\_DYN\_DAE

2018-05-28, 19:37:16+0530



Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESSE ROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

SrlComOutput\_IS\_DYN\_DAE

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## Test Case 1: Metrics Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 3661.00 Cycles  
TS1.2 3886.00 Cycles

**Description** Vector Description:

TS1.1Shortest Execution Path:  
AVAorESCOffsCfgSeld\_Cnt\_T\_Igc = (boolean)((TRUE == Rte\_IRead\_SrlComOutput\_Per1\_AVASelected\_Cnt\_Igc())==>False || (TRUE == Rte\_IRead\_SrlComOutput\_Per1\_ESCOffsCfgSeld\_Cnt\_Igc() )==>False)==>False,  
CavHCandLXASelected\_Cnt\_T\_Igc = (boolean)((TRUE == Rte\_IRead\_SrlComOutput\_Per1\_LXASelected\_Cnt\_Igc())==>False && (TRUE == Rte\_IRead\_SrlComOutput\_Per1\_CAVHCSelected\_Cnt\_Igc() )==>False,  
if((TRUE == DefaultHwaSCommExportValue\_Cnt\_M\_Igc)==>False || (FALSE == RelHwPosnVldToSrlCom\_Cnt\_M\_Igc)==>True)==>True,  
if(TRUE == CityParkSelected\_Cnt\_T\_Igc)==>False

TS1.2Longest Execution Path:  
AVAorESCOffsCfgSeld\_Cnt\_T\_Igc = (boolean)((TRUE == Rte\_IRead\_SrlComOutput\_Per1\_AVASelected\_Cnt\_Igc())==>False || (TRUE == Rte\_IRead\_SrlComOutput\_Per1\_ESCOffsCfgSeld\_Cnt\_Igc() )==>False)==>False,  
CavHCandLXASelected\_Cnt\_T\_Igc = (boolean)((TRUE == Rte\_IRead\_SrlComOutput\_Per1\_LXASelected\_Cnt\_Igc())==>False && (TRUE == Rte\_IRead\_SrlComOutput\_Per1\_CAVHCSelected\_Cnt\_Igc() )==>False,  
if((TRUE == DefaultHwaSCommExportValue\_Cnt\_M\_Igc)==>False || (FALSE == RelHwPosnVldToSrlCom\_Cnt\_M\_Igc)==>False)==>False,  
if (TRUE == AVAorESCOffsCfgSeld\_Cnt\_T\_Igc)==>False,  
else if ((TRUE == CavHCandLXASelected\_Cnt\_T\_Igc)==>True && (1.0f <= HandwheelAuthority\_Uls\_M\_f32)==>True)==>True,  
(((HandwheelPosition\_HwDeg\_M\_f32 \* (-1.0f)) >= (1630.0f))>=>False,  
(((HandwheelPosition\_HwDeg\_M\_f32 \* (-1.0f)) >= (-1630.0f))>=>False,  
((ANGLECOLONNE\_Cnt\_T\_f32) < 0.0f)==>True,  
if ( (TRUE == AVAorESCOffsCfgSeld\_Cnt\_T\_Igc)==>False ||  
( TRUE == CavHCandLXASelected\_Cnt\_T\_Igc)==>True && (1.0f <= HandwheelAuthority\_Uls\_M\_f32)==>True )==>True )==>True,  
if(k\_ETATSECUANGLECOLSigTimeout\_mS\_u16 <= ElapsedTime\_mS\_T\_u16)==>False,  
if(TRUE == CityParkSelected\_Cnt\_T\_Igc)==>False

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc	0		
HandwheelAuthority_Uls_M_f32	0		
HandwheelPosition_HwDeg_M_f32	-1600		
HandwheelTorque_HwNm_M_f32	-8.80000019		
HandwheelVelocity_HwRadpS_M_f32	-32		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTimeIn	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	0		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hw	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1630		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1833	1833	✔

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SrIComOutput\_IS\_DYN\_DAE

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 1.2 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	0			
HandwheelAuthority_Uls_M_f32	1			
HandwheelPosition_HwDeg_M_f32	806.247681			
HandwheelTorque_HwNm_M_f32	5.21379995			
HandwheelVelocity_HwRadPS_M_f32	-27.4543991			
RelHwPosnVldToSerICom_Cnt_M_Igc	1			
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	64732			
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	23580			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause_	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_Igc	target_SrIComOutput_Per1_AVASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt_	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3			
target_SrIComOutput_Per1_APASState_Cnt_enum.value	0			
target_SrIComOutput_Per1_AVASelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	5			
target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0			
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	-1601.78491			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	-8062	-8062	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	1573	1573	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓





Test Case 2: Range Test



# TEST DETAILS REPORT

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SrlComOutput\_IS\_DYN\_DAE

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS2.1 3715.00 Cycles
	TS2.2 3752.00 Cycles
	TS2.3 3795.00 Cycles
	TS2.4 3922.00 Cycles
	TS2.5 3861.00 Cycles
	TS2.6 3847.00 Cycles
	TS2.7 3771.00 Cycles
	TS2.8 3814.00 Cycles
	TS2.9 3780.00 Cycles
	TS2.10 3706.00 Cycles
	TS2.11 3807.00 Cycles
	TS2.12 3706.00 Cycles
	TS2.13 3753.00 Cycles
	TS2.14 3737.00 Cycles
	TS2.15 3903.00 Cycles
	TS2.16 3724.00 Cycles
	TS2.17 3702.00 Cycles
	TS2.18 3700.00 Cycles
	TS2.19 3707.00 Cycles
	TS2.20 3642.00 Cycles
	TS2.21 3762.00 Cycles
	TS2.22 3711.00 Cycles
	TS2.23 3697.00 Cycles
	TS2.24 3696.00 Cycles
	TS2.25 3705.00 Cycles
	TS2.26 3837.00 Cycles
	TS2.27 3670.00 Cycles
	TS2.28 3696.00 Cycles
	TS2.29 3670.00 Cycles
	TS2.30 3762.00 Cycles
	TS2.31 3674.00 Cycles
	TS2.32 3694.00 Cycles
	TS2.33 3839.00 Cycles
	TS2.34 3682.00 Cycles
	TS2.35 3821.00 Cycles
	TS2.36 3745.00 Cycles
	TS2.37 3785.00 Cycles
	TS2.38 3814.00 Cycles
	TS2.39 3649.00 Cycles
	TS2.40 3769.00 Cycles
	TS2.41 3837.00 Cycles
	TS2.42 3850.00 Cycles
	TS2.43 3879.00 Cycles
	TS2.44 3794.00 Cycles
	TS2.45 3856.00 Cycles
	TS2.46 3879.00 Cycles
	TS2.47 3855.00 Cycles
	TS2.48 3843.00 Cycles
	TS2.49 3843.00 Cycles
	TS2.50 3793.00 Cycles
	TS2.51 3879.00 Cycles
	TS2.52 3793.00 Cycles
	TS2.53 3757.00 Cycles
	TS2.54 3710.00 Cycles
	TS2.55 3599.00 Cycles
	TS2.56 3654.00 Cycles

# TEST DETAILS REPORT

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SrlComOutput\_IS\_DYN\_DAE

Description	Vector Description:
	TS2.1All Min
	TS2.2All Max
	TS2.3RelHwPosnToSeriCom_HwDeg_f32==>Min
	TS2.4RelHwPosnToSeriCom_HwDeg_f32==>Max
	TS2.5RelHwPosnToSeriCom_HwDeg_f32==>Zero
	TS2.6RelHwPosnToSeriCom_HwDeg_f32==>Pos
	TS2.7RelHwPosnToSeriCom_HwDeg_f32==>Neg
	TS2.8AVASelected_Cnt_Igc==>Min
	TS2.9AVASelected_Cnt_Igc==>Max
	TS2.10ESCOffsCfgSeld_Cnt_Igc==>Min
	TS2.11ESCOffsCfgSeld_Cnt_Igc==>Max
	TS2.12LXASelected_Cnt_Igc==>Min
	TS2.13LXASelected_Cnt_Igc==>Max
	TS2.14CAVHCSelected_Cnt_Igc==>Min
	TS2.15CAVHCSelected_Cnt_Igc==>Max
	TS2.16CityParkSelected_Cnt_Igc==>Min
	TS2.17CityParkSelected_Cnt_Igc==>Max
	TS2.18APASState_Cnt_enum==>PSAAPAST_UNAVL
	TS2.19APASState_Cnt_enum==>PSAAPAST_AVL
	TS2.20APASState_Cnt_enum==>PSAAPAST_CTRLPRGS
	TS2.21APASState_Cnt_enum==>PSAAPAST_DFCT
	TS2.22APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_NOINTRPT
	TS2.23APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_DRVINTV
	TS2.24APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_VEHSPDHI
	TS2.25APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_AGLERR
	TS2.26APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_MTRSTALL
	TS2.27APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_UNUSED
	TS2.28APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_THERMLIM
	TS2.29APASStateTransitionCause_Cnt_enum==>PSAAPATRANCAUSE_OTHERERR
	TS2.30AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_TSTININ
	TS2.31AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_STPND
	TS2.32AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_STNOSYNCR
	TS2.33AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_STESCSYNCR
	TS2.34AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_STDIAGSYNCR
	TS2.35AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_STALTVSYNCR
	TS2.36AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_UNUSED
	TS2.37AgArbnStToSeriCom_Cnt_enum==>PSAAGARBNS_STFAIL
	TS2.38DefaultHwaSCommExportValue_Cnt_M_Igc==>Min
	TS2.39DefaultHwaSCommExportValue_Cnt_M_Igc==>Max
	TS2.40RelHwPosnVldToSeriCom_Cnt_M_Igc==>Min
	TS2.41RelHwPosnVldToSeriCom_Cnt_M_Igc==>Max
	TS2.42HandwheelAuthority_Uls_M_f32==>Min
	TS2.43HandwheelAuthority_Uls_M_f32==>Max
	TS2.44HandwheelAuthority_Uls_M_f32==>Pos
	TS2.45HandwheelPosition_HwDeg_M_f32==>Min
	TS2.46HandwheelPosition_HwDeg_M_f32==>Max
	TS2.47HandwheelPosition_HwDeg_M_f32==>Zero
	TS2.48HandwheelPosition_HwDeg_M_f32==>Pos
	TS2.49HandwheelPosition_HwDeg_M_f32==>Neg
	TS2.50k_ETATSECUANGLECOLSigTimeout_mS_u16==>Min
	TS2.51k_ETATSECUANGLECOLSigTimeout_mS_u16==>Max
	TS2.52k_ETATSECUANGLECOLSigTimeout_mS_u16==>Default
	TS2.53k_ETATSECUANGLECOLSigTimeout_mS_u16==>Pos
	TS2.54Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
	TS2.55Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Max
	TS2.56Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Pos

Test Step 2.1 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	-8.80000019
HandwheelVelocity_HwRadpS_M_f32	-32
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	0
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	0
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0

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Name	Input Value		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1630		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1833	1833	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.2 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		1		
HandwheelAuthority_Uls_M_f32		1		
HandwheelPosition_HwDeg_M_f32		1600		
HandwheelTorque_HwNm_M_f32		8.80000019		
HandwheelVelocity_HwRadpS_M_f32		32		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		65535		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		65535		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_		target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum		target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc		target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_		target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc		target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc		target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		7		
target_SrlComOutput_Per1_APASState_Cnt_enum.value		3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		7		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		1630		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	7	7	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047		

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc	0		
HandwheelAuthority_Uls_M_f32	0.723200023		
HandwheelPosition_HwDeg_M_f32	1147.94702		
HandwheelTorque_HwNm_M_f32	2.15510011		
HandwheelVelocity_HwRadpS_M_f32	-19.1114998		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	25441		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	60296		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1630		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	16300	16300	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1095	1095	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.4 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.489600003
HandwheelPosition_HwDeg_M_f32	1238.12695
HandwheelTorque_HwNm_M_f32	-4.11980009
HandwheelVelocity_HwRadpS_M_f32	0.213

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	56346		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	34491		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	4		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1630		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-16300	-16300	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-12	-12	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.532899976
HandwheelPosition_HwDeg_M_f32	1497.67285
HandwheelTorque_HwNm_M_f32	-6.66200018
HandwheelVelocity_HwRadpS_M_f32	-12.7137003
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	41317
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	54630
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	0

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	728	728	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.6 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.32280001		
HandwheelPosition_HwDeg_M_f32		1382.19739		
HandwheelTorque_HwNm_M_f32		-5.01359987		
HandwheelVelocity_HwRadpS_M_f32		-3.87879992		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		42032		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		16639		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		3		
target_SriComOutput_Per1_APASState_Cnt_enum.value		2		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		7		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		1		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		847.598083		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	-8476	-8476	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	7	7	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	222	222	✔	

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SrlComOutput\_IS\_DYN\_DAE

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓



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SrlComOutput\_IS\_DYN\_DAE

Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	53665		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	23656		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-793.066895		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	7931	7931	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	839	839	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.9 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.717199981
HandwheelPosition_HwDeg_M_f32	-804.233398
HandwheelTorque_HwNm_M_f32	6.78599977
HandwheelVelocity_HwRadpS_M_f32	-28.9862995
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	30065
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	13822
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	-1052.56177

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	10526	10526	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1661	1661	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.10 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.932299972		
HandwheelPosition_HwDeg_M_f32		-41.8378983		
HandwheelTorque_HwNm_M_f32		-8.20470047		
HandwheelVelocity_HwRadpS_M_f32		18.2700996		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		31969		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		1816		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		4		
target_SriComOutput_Per1_APASState_Cnt_enum.value		2		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		2		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-1473.21143		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	2	2	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1047	-1047	✔	

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SrlComOutput\_IS\_DYN\_DAE



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

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SrlComOutput\_IS\_DYN\_DAE

Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	6053		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	37680		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1488.09436		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-401	-401	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.13 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.594399989
HandwheelPosition_HwDeg_M_f32	-1010.31879
HandwheelTorque_HwNm_M_f32	-7.00080013
HandwheelVelocity_HwRadpS_M_f32	21.8626003
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	3185
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	11794
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	-1139.79272

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-70	-70	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1253	-1253	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.14 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.0441000015		
HandwheelPosition_HwDeg_M_f32		1586.72083		
HandwheelTorque_HwNm_M_f32		2.6565001		
HandwheelVelocity_HwRadpS_M_f32		-1.25769997		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		62687		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		32862		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		4		
target_SriComOutput_Per1_APASState_Cnt_enum.value		3		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		0		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-167.498001		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	0	0	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	72	72	✔	

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc	0		
HandwheelAuthority_Uls_M_f32	1		
HandwheelPosition_HwDeg_M_f32	806.247681		
HandwheelTorque_HwNm_M_f32	5.21379995		
HandwheelVelocity_HwRadpS_M_f32	-27.4543991		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	64732		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	23580		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1601.78491		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-8062	-8062	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1573	1573	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.855099976
HandwheelPosition_HwDeg_M_f32	1130.74561
HandwheelTorque_HwNm_M_f32	-1.04809999
HandwheelVelocity_HwRadpS_M_f32	5.35349989

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	20975		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	62954		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	218.665207		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.17 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.0482000001
HandwheelPosition_HwDeg_M_f32	123.649803
HandwheelTorque_HwNm_M_f32	-6.29580021
HandwheelVelocity_HwRadpS_M_f32	-17.9410992
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	8382
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	38542
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_Igc	target_SrlComOutput_Per1_LXASelectd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0



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Name	Input Value		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	682.205627		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.18 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc	0		
HandwheelAuthority_Uls_M_f32	0.282700002		
HandwheelPosition_HwDeg_M_f32	-734.819275		
HandwheelTorque_HwNm_M_f32	-2.00609994		
HandwheelVelocity_HwRadpS_M_f32	28.8647995		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	58039		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	50475		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-940.769592		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1654	-1654	✔



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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.19 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	1			
HandwheelAuthority_Uls_M_f32	0.172700003			
HandwheelPosition_HwDeg_M_f32	504.453888			
HandwheelTorque_HwNm_M_f32	-7.35389996			
HandwheelVelocity_HwRadpS_M_f32	-11.2845001			
RelHwPosnVldToSerICom_Cnt_M_Igc	0			
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	33188			
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	52144			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_Igc	target_SrIComOutput_Per1_AVASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6			
target_SrIComOutput_Per1_APASState_Cnt_enum.value	1			
target_SrIComOutput_Per1_AVASelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	5			
target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1			
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	663.751221			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-74	-74	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.20 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	1			
HandwheelAuthority_Uls_M_f32	0.109899998			
HandwheelPosition_HwDeg_M_f32	841.036011			
HandwheelTorque_HwNm_M_f32	-7.06879997			
HandwheelVelocity_HwRadpS_M_f32	-23.6107006			

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	30193		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	40514		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	410.326813		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.21 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.844399989
HandwheelPosition_HwDeg_M_f32	-885.461609
HandwheelTorque_HwNm_M_f32	-7.0630002
HandwheelVelocity_HwRadpS_M_f32	-19.7870998
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	16587
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	16339
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1

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Name	Input Value		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-578.208191		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1134	1134	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.22 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.298200011		
HandwheelPosition_HwDeg_M_f32		-710.310486		
HandwheelTorque_HwNm_M_f32		4.14470005		
HandwheelVelocity_HwRadpS_M_f32		4.71409988		
RelHwPosnVldToSeriCom_Cnt_M_Igc		0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		18678		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		65020		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause		target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum		target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc		target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc		target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc		target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		0		
target_SrlComOutput_Per1_APASState_Cnt_enum.value		0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		6		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value		0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		1		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		962.829895		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-270	-270	✓	

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.23 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	1			
HandwheelAuthority_Uls_M_f32	0.802699983			
HandwheelPosition_HwDeg_M_f32	44.5177002			
HandwheelTorque_HwNm_M_f32	-8.58240032			
HandwheelVelocity_HwRadpS_M_f32	2.30320001			
RelHwPosnVldToSerICom_Cnt_M_Igc	0			
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	52897			
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	18338			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_Igc	target_SrIComOutput_Per1_AVASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1			
target_SrIComOutput_Per1_APASState_Cnt_enum.value	3			
target_SrIComOutput_Per1_AVASelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	5			
target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0			
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	718.926514			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.24 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	0			
HandwheelAuthority_Uls_M_f32	0.414000005			
HandwheelPosition_HwDeg_M_f32	746.486206			
HandwheelTorque_HwNm_M_f32	-4.11619997			
HandwheelVelocity_HwRadpS_M_f32	20.3913994			

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_lgc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	6502		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	35463		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1		
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	4		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-617.203918		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	4	4	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1168	-1168	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.25 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.218899995
HandwheelPosition_HwDeg_M_f32	-1404.28357
HandwheelTorque_HwNm_M_f32	-2.74679995
HandwheelVelocity_HwRadpS_M_f32	-1.31340003
RelHwPosnVldToSeriCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	27074
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	42927
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_lgc	target_SrlComOutput_Per1_LXASelectd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	700.192505

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	75	75	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.26 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.686399996		
HandwheelPosition_HwDeg_M_f32		-152.709793		
HandwheelTorque_HwNm_M_f32		-8.46119976		
HandwheelVelocity_HwRadpS_M_f32		1.77330005		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		61311		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		53913		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause		target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum		target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc		target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc		target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc		target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		4		
target_SrlComOutput_Per1_APASState_Cnt_enum.value		1		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		6		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value		0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-953.01947		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	4	4	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	9530	9530	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-102	-102	✓	

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.27 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_lgc	1			
HandwheelAuthority_Uls_M_f32	0.540799975			
HandwheelPosition_HwDeg_M_f32	306.007111			
HandwheelTorque_HwNm_M_f32	-0.179700002			
HandwheelVelocity_HwRadpS_M_f32	-24.031601			
RelHwPosnVldToSerICom_Cnt_M_lgc	1			
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	52591			
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	27386			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_lgc	target_SrIComOutput_Per1_AVASelected_Cnt_lgc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_lgc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrIComOutput_Per1_CityParkSelected_Cnt_lgc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_lgc	target_SrIComOutput_Per1_LXASelected_Cnt_lgc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5			
target_SrIComOutput_Per1_APASState_Cnt_enum.value	1			
target_SrIComOutput_Per1_AVASelected_Cnt_lgc.value	0			
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	5			
target_SrIComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0			
target_SrIComOutput_Per1_CityParkSelected_Cnt_lgc.value	1			
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1			
target_SrIComOutput_Per1_LXASelected_Cnt_lgc.value	0			
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	852.391479			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	5	5	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.28 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_lgc	0			
HandwheelAuthority_Uls_M_f32	0.988699973			
HandwheelPosition_HwDeg_M_f32	1488.6748			
HandwheelTorque_HwNm_M_f32	-2.59380007			
HandwheelVelocity_HwRadpS_M_f32	7.84149981			



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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	64989		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	24820		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	252.3517		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	5	5	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-449	-449	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.29 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.563399971
HandwheelPosition_HwDeg_M_f32	-670.378174
HandwheelTorque_HwNm_M_f32	5.07679987
HandwheelVelocity_HwRadpS_M_f32	-21.1231995
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	53299
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	52432
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1



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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	-1469.46985

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.30 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.384299994		
HandwheelPosition_HwDeg_M_f32		-425.400085		
HandwheelTorque_HwNm_M_f32		2.2802		
HandwheelVelocity_HwRadpS_M_f32		16.1879997		
RelHwPosnVldToSeriCom_Cnt_M_Igc		0		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		6495		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		31754		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		0		
target_SriComOutput_Per1_APASState_Cnt_enum.value		2		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		0		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		578.363586		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	0	0	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-928	-928	✓	

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.31 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	1			
HandwheelAuthority_Uls_M_f32	0.850399971			
HandwheelPosition_HwDeg_M_f32	-1264.71008			
HandwheelTorque_HwNm_M_f32	-8.53180027			
HandwheelVelocity_HwRadpS_M_f32	21.281601			
RelHwPosnVldToSerICom_Cnt_M_Igc	0			
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	850			
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	323			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_Igc	target_SrIComOutput_Per1_AVASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7			
target_SrIComOutput_Per1_APASState_Cnt_enum.value	1			
target_SrIComOutput_Per1_AVASelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	1			
target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1			
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	401.488708			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-85	-85	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.32 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	0			
HandwheelAuthority_Uls_M_f32	0.849900007			
HandwheelPosition_HwDeg_M_f32	-131.584198			
HandwheelTorque_HwNm_M_f32	4.31570005			
HandwheelVelocity_HwRadpS_M_f32	-19.5489006			

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	14325		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	57277		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	2		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1622.08154		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1120	1120	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.33 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.614099979
HandwheelPosition_HwDeg_M_f32	-102.231499
HandwheelTorque_HwNm_M_f32	-6.30999994
HandwheelVelocity_HwRadpS_M_f32	-3.44449997
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	13711
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	53121
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	-1144.17566

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	11442	11442	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	197	197	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.34 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		1		
HandwheelAuthority_Uls_M_f32		0.108000003		
HandwheelPosition_HwDeg_M_f32		-737.90387		
HandwheelTorque_HwNm_M_f32		3.23200011		
HandwheelVelocity_HwRadpS_M_f32		14.4826002		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		37054		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		61979		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		7		
target_SriComOutput_Per1_APASState_Cnt_enum.value		2		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		4		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-386.519104		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127		
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0		
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0		
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767		
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0		
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	4	4		
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047		

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.35 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	0			
HandwheelAuthority_Uls_M_f32	0.724699974			
HandwheelPosition_HwDeg_M_f32	1421.82092			
HandwheelTorque_HwNm_M_f32	6.99529982			
HandwheelVelocity_HwRadpS_M_f32	30.2765999			
RelHwPosnVldToSerICom_Cnt_M_Igc	1			
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	34280			
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	31536			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause_	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_Igc	target_SrIComOutput_Per1_AVASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt_	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5			
target_SrIComOutput_Per1_APASState_Cnt_enum.value	2			
target_SrIComOutput_Per1_AVASelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	5			
target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0			
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	-1024.13159			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1735	-1735	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.36 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	0			
HandwheelAuthority_Uls_M_f32	0.536000013			
HandwheelPosition_HwDeg_M_f32	1265.89856			
HandwheelTorque_HwNm_M_f32	7.59989977			
HandwheelVelocity_HwRadpS_M_f32	21.5713005			

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	8601		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	10345		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-155.403793		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1236	-1236	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.37 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.949599981
HandwheelPosition_HwDeg_M_f32	-898.95929
HandwheelTorque_HwNm_M_f32	1.82720006
HandwheelVelocity_HwRadpS_M_f32	8.23859978
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	21955
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	57410
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	428.937408

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	18	18	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-4289	-4289	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-472	-472	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.38 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.681200027		
HandwheelPosition_HwDeg_M_f32		1298.76965		
HandwheelTorque_HwNm_M_f32		-5.90339994		
HandwheelVelocity_HwRadpS_M_f32		-20.7441006		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		3535		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		37224		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		3		
target_SriComOutput_Per1_APASState_Cnt_enum.value		0		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		7		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		1		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-502.482086		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	5025	5025	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	7	7	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	1189	1189		



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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

## Test Step 2.39 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc	1		
HandwheelAuthority_Uls_M_f32	0.846199989		
HandwheelPosition_HwDeg_M_f32	-1406.04492		
HandwheelTorque_HwNm_M_f32	-8.68529987		
HandwheelVelocity_HwRadpS_M_f32	23.6917		
RelHwPosnVldToSerICom_Cnt_M_Igc	0		
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	38980		
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	60630		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_Igc	target_SrIComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32		
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5		
target_SrIComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrIComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	4		
target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	1622.90686		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

## Test Step 2.40 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.699800014
HandwheelPosition_HwDeg_M_f32	709.929626
HandwheelTorque_HwNm_M_f32	5.46780014
HandwheelVelocity_HwRadpS_M_f32	-29.323



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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	10524		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	26726		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	2		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	273.684296		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1680	1680	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.41 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.171700001
HandwheelPosition_HwDeg_M_f32	-602.718506
HandwheelTorque_HwNm_M_f32	-5.78649998
HandwheelVelocity_HwRadpS_M_f32	-23.0814991
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	49834
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	41248
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_Igc	target_SrlComOutput_Per1_LXASelectd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	1168.4646

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-11685	-11685	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1322	1322	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.42 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0		
HandwheelPosition_HwDeg_M_f32		-692.360229		
HandwheelTorque_HwNm_M_f32		-7.95629978		
HandwheelVelocity_HwRadpS_M_f32		11.3618002		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		32629		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		38487		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		6		
target_SriComOutput_Per1_APASState_Cnt_enum.value		3		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		2		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		535.341309		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	2	2	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-651	-651	✔	

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.43 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	0			
HandwheelAuthority_Uls_M_f32	1			
HandwheelPosition_HwDeg_M_f32	-1510.74255			
HandwheelTorque_HwNm_M_f32	-5.86359978			
HandwheelVelocity_HwRadpS_M_f32	29.3589001			
RelHwPosnVldToSeriCom_Cnt_M_Igc	1			
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	54097			
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	5524			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32			
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2			
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1			
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0			
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6			
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1			
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1			
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0			
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1			
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1246.47815			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-59	-59	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	15107	15107	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1682	-1682	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.44 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	0			
HandwheelAuthority_Uls_M_f32	0.746900022			
HandwheelPosition_HwDeg_M_f32	-315.138306			
HandwheelTorque_HwNm_M_f32	-2.61529994			
HandwheelVelocity_HwRadpS_M_f32	20.1429005			

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	11292		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	47849		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1097.6731		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	6	6	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1154	-1154	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.45 (Repeat Count = 1)	
Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	5.23390007
HandwheelVelocity_HwRadpS_M_f32	-5.1564002
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	19441
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	24206
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	2
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	-1558.45007

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	16000	16000	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	295	295	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.46 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		1		
HandwheelPosition_HwDeg_M_f32		1600		
HandwheelTorque_HwNm_M_f32		4.4197998		
HandwheelVelocity_HwRadpS_M_f32		21.1151009		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		39717		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		2327		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		3		
target_SriComOutput_Per1_APASState_Cnt_enum.value		3		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		0		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-247.942993		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	-16000	-16000	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	0	0	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1210	-1210	✔	

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.47 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	1		
HandwheelPosition_HwDeg_M_f32	0		
HandwheelTorque_HwNm_M_f32	-7.66720009		
HandwheelVelocity_HwRadpS_M_f32	7.74550009		
RelHwPosnVldToSeriCom_Cnt_M_lgc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	39366		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	18598		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	4		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1		
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1598.90613		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-444	-444	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.48 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	1221.06836
HandwheelTorque_HwNm_M_f32	4.97139978
HandwheelVelocity_HwRadpS_M_f32	-5.55200005



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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	56883		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	25307		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	582.970093		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-12211	-12211	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	3	3	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	318	318	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.49 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	-487.827393
HandwheelTorque_HwNm_M_f32	-8.5593996
HandwheelVelocity_HwRadpS_M_f32	-26.5065002
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	33581
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	19450
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	-1285.82068

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-86	-86	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	4878	4878	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1519	1519	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.50 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		0.772599995		
HandwheelPosition_HwDeg_M_f32		-1408.47754		
HandwheelTorque_HwNm_M_f32		-5.10300016		
HandwheelVelocity_HwRadpS_M_f32		-12.0312996		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		0		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		57945		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		1		
target_SriComOutput_Per1_APASState_Cnt_enum.value		1		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		6		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		1		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		0		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-65.0477982		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	650	650	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	6	6	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	689	689	✔	



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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

## Test Step 2.51 (Repeat Count = 1)

Name	Input Value		
DefaultHwaSCommExportValue_Cnt_M_lgc	0		
HandwheelAuthority_Uls_M_f32	1		
HandwheelPosition_HwDeg_M_f32	-1408.29321		
HandwheelTorque_HwNm_M_f32	0.465600014		
HandwheelVelocity_HwRadpS_M_f32	-25.3246994		
RelHwPosnVldToSerICom_Cnt_M_lgc	1		
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	65535		
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	57571		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_lgc	target_SrIComOutput_Per1_AVASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrIComOutput_Per1_CityParkSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_lgc	target_SrIComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32		
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7		
target_SrIComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrIComOutput_Per1_AVASelected_Cnt_lgc.value	0		
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	1		
target_SrIComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1		
target_SrIComOutput_Per1_CityParkSelected_Cnt_lgc.value	1		
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0		
target_SrIComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	1056.44873		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	14083	14083	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	1451	1451	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

## Test Step 2.52 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.211300001
HandwheelPosition_HwDeg_M_f32	474.048492
HandwheelTorque_HwNm_M_f32	-2.94099998
HandwheelVelocity_HwRadpS_M_f32	26.1002998

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Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_Igc	1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	200		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	64855		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	878.094299		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-8781	-8781	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1495	-1495	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Step 2.53 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.520299971
HandwheelPosition_HwDeg_M_f32	-1575.61926
HandwheelTorque_HwNm_M_f32	-7.45839977
HandwheelVelocity_HwRadpS_M_f32	-10.2316999
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	57654
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	61148
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_Igc	target_SrlComOutput_Per1_LXASelectd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0

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Name	Input Value
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_RelHwPosnToSrlCom_HwDeg_f32.value	236.941498

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-2369	-2369	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	586	586	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 2.54 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		1		
HandwheelAuthority_Uls_M_f32		0.00469999993		
HandwheelPosition_HwDeg_M_f32		-36.9291		
HandwheelTorque_HwNm_M_f32		-4.89550018		
HandwheelVelocity_HwRadpS_M_f32		27.5533009		
RelHwPosnVldToSeriCom_Cnt_M_Igc		0		
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SriComOutput		target_Rte_Inst_Ap_SriComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		18359		
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		0		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause		target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum		target_SriComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc		target_SriComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc		target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc		target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv		target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		6		
target_SriComOutput_Per1_APASState_Cnt_enum.value		0		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		7		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-1037.44714		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	7	7	✔	
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047		

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.55 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	1			
HandwheelAuthority_Uls_M_f32	0.728600025			
HandwheelPosition_HwDeg_M_f32	-624.554199			
HandwheelTorque_HwNm_M_f32	2.34430003			
HandwheelVelocity_HwRadpS_M_f32	-14.0237999			
RelHwPosnVldToSerICom_Cnt_M_Igc	0			
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Inst_Ap_SrIComOutput	target_Rte_Inst_Ap_SrIComOutput			
k_ETATSECUANGLECOLSigTimeout_mS_u16	29491			
target_Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Elaj	65535			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASStateTransitionCause_	target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_APASState_Cnt_enum	target_SrIComOutput_Per1_APASState_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AVASelected_Cnt_Igc	target_SrIComOutput_Per1_AVASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_AgArbnStToSerICom_Cnt_	target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_LXASelected_Cnt_Igc	target_SrIComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SrIComOutput.SrIComOutput_Per1_RelHwPosnToSerICom_Hv	target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32			
target_Rte_Inst_Ap_SrIComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg			
target_SrIComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6			
target_SrIComOutput_Per1_APASState_Cnt_enum.value	0			
target_SrIComOutput_Per1_AVASelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_AgArbnStToSerICom_Cnt_enum.value	2			
target_SrIComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1			
target_SrIComOutput_Per1_CityParkSelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1			
target_SrIComOutput_Per1_LXASelected_Cnt_Igc.value	0			
target_SrIComOutput_Per1_RelHwPosnToSerICom_HwDeg_f32.value	165.513107			
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	23	23	✓	
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓	
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓	
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓	
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✓	
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓

Test Step 2.56 (Repeat Count = 1)				
Name	Input Value			
DefaultHwaSCommExportValue_Cnt_M_Igc	1			
HandwheelAuthority_Uls_M_f32	0.518299997			
HandwheelPosition_HwDeg_M_f32	98.8811035			
HandwheelTorque_HwNm_M_f32	-7.57000017			
HandwheelVelocity_HwRadpS_M_f32	13.3731003			

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SrlComOutput\_IS\_DYN\_DAE

Name	Input Value		
RelHwPosnVldToSeriCom_Cnt_M_lgc	0		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16	31393		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	48972		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1		
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-165.130707		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

## Test Case 3: Path Test

### Specification

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

TS3.1 3849.00 Cycles  
TS3.2 3898.00 Cycles

### Description

Vector Description:

TS3.1 (((HandwheelPosition\_HwDeg\_M\_f32 \* (-1.0f))) >= (1630.0f)) ==> True  
TS3.2 (((HandwheelPosition\_HwDeg\_M\_f32 \* (-1.0f))) <= ((-1630.0f))) ==> True

## Test Step 3.1 (Repeat Count = 1)

Name	Input Value
DefaultHwaSCommExportValue_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	-1630
HandwheelTorque_HwNm_M_f32	5.23390007
HandwheelVelocity_HwRadpS_M_f32	-5.1564002
RelHwPosnVldToSeriCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
k_ETATSECUANGLECOLSigTimeout_mS_u16	19441
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	24206
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc

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SrlComOutput\_IS\_DYN\_DAE

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	2		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1558.45007		
Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	16300	16300	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	2	2	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	295	295	✔

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓

Test Step 3.2 (Repeat Count = 1)				
Name		Input Value		
DefaultHwaSCommExportValue_Cnt_M_Igc		0		
HandwheelAuthority_Uls_M_f32		1		
HandwheelPosition_HwDeg_M_f32		1630		
HandwheelTorque_HwNm_M_f32		4.4197998		
HandwheelVelocity_HwRadpS_M_f32		21.1151009		
RelHwPosnVldToSeriCom_Cnt_M_Igc		1		
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin		target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Inst_Ap_SrlComOutput		target_Rte_Inst_Ap_SrlComOutput		
k_ETATSECUANGLECOLSigTimeout_mS_u16		39717		
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela		2327		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause		target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum		target_SrlComOutput_Per1_APASState_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc		target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt		target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc		target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc		target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hw		target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg		target_Pim_PimIsDynDaeMsg		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value		3		
target_SrlComOutput_Per1_APASState_Cnt_enum.value		3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value		0		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value		0		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value		0		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value		1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value		-247.942993		
Name	Actual Value	Expected Value	Result	
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	127	127		
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3		
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3		

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SrlComOutput\_IS\_DYN\_DAE

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.AngleColonne	-16300	-16300	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1210	-1210	✓

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓	
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓	
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓	
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓	
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓	
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓	

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SrlComOutput\_GetHwTorqueFault



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetHwTorqueFault

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
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# TEST DETAILS REPORT

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SrlComOutput\_GetHwTorqueFault



Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESEROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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SrlComOutput\_GetHwTorqueFault



## Test Case 1: Metrics Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 1872.00 Cycles  
TS1.2 1953.00 Cycles

**Description** Vector Description:

TS1.1 Shortest Execution Path:  
hwTorqueFault\_T\_lgc = (boolean)((TRUE == T1vsT2\_Cnt\_T\_lgc)==>False ||  
(TRUE == T1OutOfRange\_Cnt\_T\_lgc)==>False ||  
(TRUE == T2OutOfRange\_Cnt\_T\_lgc)==>False ||  
(TRUE == AnaHWDiffTqOfstNotTrmd\_Cnt\_T\_lgc)==>False)==>False

TS1.2 Longest Execution Path:  
hwTorqueFault\_T\_lgc = (boolean)((TRUE == T1vsT2\_Cnt\_T\_lgc)==>True ||  
(TRUE == T1OutOfRange\_Cnt\_T\_lgc) ||  
(TRUE == T2OutOfRange\_Cnt\_T\_lgc) ||  
(TRUE == AnaHWDiffTqOfstNotTrmd\_Cnt\_T\_lgc))==>True

### Test Step 1.1 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	0	0	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

### Test Step 1.2 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

## Test Case 2: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS2.1 1901.00 Cycles  
TS2.2 1872.00 Cycles  
TS2.3 1872.00 Cycles

**Description** Vector Description:

TS2.1Rte\_Call\_NxtrDiagMgr\_GetNTCFailed==>Min  
TS2.2Rte\_Call\_NxtrDiagMgr\_GetNTCFailed==>Max  
TS2.3Rte\_Call\_NxtrDiagMgr\_GetNTCFailed==>Pos

### Test Step 2.1 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	0	0	✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

### Test Step 2.2 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✓

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SrlComOutput\_GetHwTorqueFault



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

## Test Case 3: Path Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS3.1 1901.00 Cycles  
TS3.2 1872.00 Cycles

**Description** Vector Description:

TS3.1 hwTorqueFault\_T\_lgc = (boolean)((TRUE == T1vsT2\_Cnt\_T\_lgc)==>False ||  
(TRUE == T1OutOfRange\_Cnt\_T\_lgc)==>False ||  
(TRUE == T2OutOfRange\_Cnt\_T\_lgc)==>True ||  
(TRUE == AnaHWDiffTqOfstNotTrmd\_Cnt\_T\_lgc))==>True  
TS3.2 hwTorqueFault\_T\_lgc = (boolean)((TRUE == T1vsT2\_Cnt\_T\_lgc)==>False ||  
(TRUE == T1OutOfRange\_Cnt\_T\_lgc)==>True ||  
(TRUE == T2OutOfRange\_Cnt\_T\_lgc) ||  
(TRUE == AnaHWDiffTqOfstNotTrmd\_Cnt\_T\_lgc))==>True

## Test Step 3.1 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

## Test Step 3.2 (Repeat Count = 1)

Name	Actual Value	Expected Value	Result
SrlComOutput_GetHwTorqueFault()	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓

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SrIComOutput\_Relnit

Project	SrIComOutput
Module	SrIComOutput
Test Object	SrIComOutput_Relnit

## Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

## Statistics

Total Testcases	1
Successful	1 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrIComOutput
Configuration File	D:\Synergy_Work_Area\SrIComOutput\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)\SrIComOutput\src\Ap_SrIComOutput.c
Compiler Options	-D_DATA_ACCESS= -D_inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrIComOutput\utp\contract -I\$(PROJECTROOT)\SrIComOutput\utp\contract\Ap_SrIComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'SrIComOutput'	<p>*****Unit Test Information*****</p> <p>Name of Tester: Sachin Kamate Code File(s) Under Test: Ap_SrIComOutput.c Code File(s) Version: 21 Module Design Document: SrIComOutput_MDD.docx Module Design Document Version: 6 Data Dictionary Version: 10 Unit Test Plan Version: 10 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): 3412 Total RAM Used (Bytes): 44 Total CALS Used (Bytes): 37 Special Test Requirements: NA Test Date: 5/28/2018 Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. Note 2: Inline functions in GlobalMacro.h are not unit tested. Note 3: In function "SrIComOutput_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1357 , out of range values is given to the variable "HandwheelVelocity_HwRadpS_M_f32" as [-34.9066, 34.9066] over DD range [-32, 32]. Note 4: In function "SrIComOutput_GetCpleVolantOptimse", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1387 , out of range values is given to the variable "HandwheelTorque_HwNm_M_f32" as [-10, 10] over DD range [-8.8, 8.8]. Note 5: In function "SrIComOutput_GetCpleVolant", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1640 , out of range values is given to the variable "SrIComHwTrq_HwNm_f32" as [-32, 31.5] over DD range [-10, 10]. Note 6: In function "SrIComOutput_JS_DYN_DAE", To achieve 100 % path coverage for macro "Limit_m" at source line numbers 1464 , out of range values is given to the variable "HandwheelPosition_HwDeg_M_f32" as [-1630, 1630] over DD range [-1600, 1600]. Note 7: In function "SrIComOutput_JS_DYN_VOL", Following condition cannot be covered at SRC line no.1574, "((VITESSEOTVOL_HwDegpS_T_f32) &lt; 0.0f)==&gt;True" due to usage of macro "Abs_f32_m".</p> <p>*****</p>

## 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

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Attributes	
Name	Value
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

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## Test Case 1: Range Test

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS1.1 4265.00 Cycles TS1.2 4354.00 Cycles TS1.3 4354.00 Cycles
Description	Vector Description:  TS1.1Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min TS1.2Rte_Call_SystemTime_GetSystemTime_mS_u32==>Max TS1.3Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	0		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	0	0	✓
ETATSECUANGLECOLSigTimer_mS_M_u32	0	0	✓
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✓
IsSupvDiraPrev.CodeDefault	0	0	✓
IsSupvDiraPrev.StatusConfabsent	0	0	✓
IsSupvDiraPrev.EtatAssistDa	0	0	✓
IsSupvDiraPrev.EtatLigneApc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	0	0	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	0	0	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	0	0	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	0	0	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	4294967295	4294967295	✓
ETATSECUANGLECOLSigTimer_mS_M_u32	4294967295	4294967295	✓
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✓
IsSupvDiraPrev.CodeDefault	0	0	✓
IsSupvDiraPrev.StatusConfabsent	0	0	✓
IsSupvDiraPrev.EtatAssistDa	0	0	✓
IsSupvDiraPrev.EtatLigneApc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	0	0	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	0	0	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	0	0	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	0	0	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

## Test Step 1.3 (Repeat Count = 1)

Name	Input Value		
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput		
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	40547896		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
Name	Actual Value	Expected Value	Result
DDEREDEMDASigValidTimer_mS_M_u32	40547896	40547896	✔
ETATSECUANGLECOLSigTimer_mS_M_u32	40547896	40547896	✔
IsSupvDiraFirstCall_Cnt_M_lgc	1	1	✔
IsSupvDiraPrev.CodeDefault	0	0	✔
IsSupvDiraPrev.StatusConfabsent	0	0	✔
IsSupvDiraPrev.EtatAssistDa	0	0	✔
IsSupvDiraPrev.EtatLigneApc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	0	0	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	0	0	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	0	0	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgAvollicn	0	0	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	0	0	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔



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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

# TEST DETAILS REPORT

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SrlComOutput\_Per1



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_Per1

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
------	------

# TEST DETAILS REPORT

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SrlComOutput\_Per1



Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESEROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

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SriComOutput\_Per1

## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS1.1 13821.00 Cycles TS1.2 17954.00 Cycles
<b>Description</b>	Vector Description:  TS1.1Shortest Execution Path: if (TRUE == ReInitializeComponent_M_Igc)==>False, if (FALSE == TxEnable_Cnt_T_Igc)==>False  TS1.2Longest Execution Path: if (TRUE == ReInitializeComponent_M_Igc)==>True, if (FALSE == TxEnable_Cnt_T_Igc)==>True

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_f32	0.615800023
HandwheelPosition_HwDeg_M_f32	-764.733704
HandwheelTorque_HwNm_M_f32	7.09940004
HandwheelVelocity_HwRadpS_M_f32	5.91419983
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	806.852478
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.75599957
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	12.0495005
k_AUTORARRETMOTDAValidThresh_mS_u16	25267
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1471.77112
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.373899996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.8523998
k_DDEREDEMDAVehSpdThresh_Kph_f32	19.8129997
k_ETATSECUANGLECOLSigTimeout_mS_u16	9578
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.735400021
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	20171
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3428323993
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASSelected_Cnt_Igc	target_SriComOutput_Per1_AVASSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosnLv1_Cnt_Igc	target_SriComOutput_Per1_AbslHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosnLv2_Cnt_Igc	target_SriComOutput_Per1_AbslHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbslHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbslHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExportV	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRa	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASSelected_Cnt_Igc	target_SriComOutput_Per1_LXASSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32

# TEST DETAILS REPORT

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SrlComOutput\_Per1

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput.TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32.value	2956.14868		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.701900005		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1006.67871		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-2.71799994		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-14.9362001		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.958100021		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	451.597198		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	0		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.56890011		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	218.858795		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.701900005	0.701900005	✔
HandwheelPosition_HwDeg_M_f32	1006.67871	1006.67871	✔
HandwheelTorque_HwNm_M_f32	-2.71799994	-2.71799994	✔
HandwheelVelocity_HwRadpS_M_f32	-14.9362001	-14.9362001	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	0	0	✔
STTdSelected_Cnt_M_Igc	1	1	✔
VehicleSpeedValid_Cnt_M_Igc	1	1	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	-38	-38	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	3	3	✔

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SrlComOutput\_Per1

Name	Actual Value	Expected Value	Result
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolIcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.349900007
HandwheelPosition_HwDeg_M_f32	1240.31616
HandwheelTorque_HwNm_M_f32	6.56710005
HandwheelVelocity_HwRadpS_M_f32	-20.5806007
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	780.624817

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Name	Input Value
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.61940002
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.2560997
k_AUTORARRETMOTDAValidThresh_mS_u16	41519
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1029.23645
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.9935999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.8269005
k_DDEREDEMDAHwSpdThresh_Kph_f32	153.124298
k_ETATSECUANGLECOLSigTimeout_mS_u16	30462
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.138699993
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	13768
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	511813458
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASSelected_Cnt_lgc	target_SriComOutput_Per1_AVASSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc	target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc	target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_lgc	target_SriComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_lgc	target_SriComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExportV	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRa	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_lgc	target_SriComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSeriCom	target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_lgc	target_SriComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc_data	0
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6
target_SriComOutput_Per1_APASState_Cnt_enum.value	1
target_SriComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	451.669891
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7
target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SriComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.730099976
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	166.720993
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.48600006
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-16.9183006

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Name	Input Value		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.8477		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	356.474213		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.28970003		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	63.9323997		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.730099976	0.730099976	✔
HandwheelPosition_HwDeg_M_f32	166.720993	166.720993	✔
HandwheelTorque_HwNm_M_f32	3.48600006	3.48600006	✔
HandwheelVelocity_HwRadpS_M_f32	-16.9183006	-16.9183006	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✔
STTdSelected_Cnt_M_Igc	1	1	✔
VehicleSpeedValid_Cnt_M_Igc	0	0	✔
target_Pim_PimIsDatDiraMsg.CpleVolant	9	9	✔
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✔
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✔
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✔
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✔
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✔
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✔
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✔
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✔
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✔
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✔
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	35	35	✔
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✔
target_Pim_PimIsDynDaeMsg.AngleColonne	-3565	-3565	✔
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✔
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✔
target_Pim_PimIsDynDaeMsg.VitesseColonne	969	969	✔
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✔
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✔
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	242	242	✔
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✔
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✔
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-4517	-4517	✔
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	242	242	✔
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✔
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✔
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✔
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✔
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✔
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✔
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✔



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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrIComOutput_Relnit	1	SrIComOutput_Relnit	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrIComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrIComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrIComOutput_IS_DYN_DAE	1	SrIComOutput_IS_DYN_DAE	1	✓
SrIComOutput_GetCpleVolantOptimse	1	SrIComOutput_GetCpleVolantOptimse	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrIComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrIComOutput_GetVitesseColonne	1	SrIComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynDaeMsg	1	✓
SrIComOutput_IS_DYN_VOL	1	SrIComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrIComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrIComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrIComOutput_IsDynVolMsg	1	✓
SrIComOutput_IS_DAT_DIRA	1	SrIComOutput_IS_DAT_DIRA	1	✓
SrIComOutput_GetHwTorqueFault	1	SrIComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrIComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrIComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrIComOutput_GetCpleVolant	1	SrIComOutput_GetCpleVolant	1	✓
SrIComOutput_GetEtatDa2004	1	SrIComOutput_GetEtatDa2004	1	✓
SrIComOutput_GetEtatDa2010	1	SrIComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrIComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsDatDiraMsg	1	✓
SrIComOutput_IS_SUPV_DIRA	1	SrIComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrIComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrIComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrIComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrIComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

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## Test Case 2: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS2.1 13966.00 Cycles  
TS2.2 17477.00 Cycles  
TS2.3 13577.00 Cycles  
TS2.4 17878.00 Cycles  
TS2.5 17698.00 Cycles  
TS2.6 17847.00 Cycles  
TS2.7 13360.00 Cycles  
TS2.8 17416.00 Cycles  
TS2.9 17460.00 Cycles  
TS2.10 13197.00 Cycles  
TS2.11 13863.00 Cycles  
TS2.12 13686.00 Cycles  
TS2.13 17958.00 Cycles  
TS2.14 17462.00 Cycles  
TS2.15 13324.00 Cycles  
TS2.16 13659.00 Cycles  
TS2.17 13689.00 Cycles  
TS2.18 13554.00 Cycles  
TS2.19 17834.00 Cycles  
TS2.20 17942.00 Cycles  
TS2.21 13487.00 Cycles  
TS2.22 13268.00 Cycles  
TS2.23 17424.00 Cycles  
TS2.24 13598.00 Cycles  
TS2.25 17542.00 Cycles  
TS2.26 13693.00 Cycles  
TS2.27 13276.00 Cycles  
TS2.28 17908.00 Cycles  
TS2.29 13280.00 Cycles  
TS2.30 17740.00 Cycles  
TS2.31 17735.00 Cycles  
TS2.32 17571.00 Cycles

**Description** Vector Description:

TS2.1All Min  
TS2.2All Max  
TS2.3ReInitializeComponent\_M\_Igc==>Min  
TS2.4ReInitializeComponent\_M\_Igc==>Max  
TS2.5TxEnabled\_Cnt\_Igc==>Min  
TS2.6TxEnabled\_Cnt\_Igc==>Max  
TS2.7DefaultHwaSCommExportValue\_Cnt\_Igc==>Min  
TS2.8DefaultHwaSCommExportValue\_Cnt\_Igc==>Max  
TS2.9HandwheelAuthority\_Uls\_f32==>Min  
TS2.10HandwheelAuthority\_Uls\_f32==>Max  
TS2.11HandwheelAuthority\_Uls\_f32==>Pos  
TS2.12HandwheelPosition\_HwDeg\_f32==>Min  
TS2.13HandwheelPosition\_HwDeg\_f32==>Max  
TS2.14HandwheelPosition\_HwDeg\_f32==>Zero  
TS2.15HandwheelPosition\_HwDeg\_f32==>Pos  
TS2.16HandwheelPosition\_HwDeg\_f32==>Neg  
TS2.17HandwheelTorque\_HwNm\_f32==>Min  
TS2.18HandwheelTorque\_HwNm\_f32==>Max  
TS2.19HandwheelTorque\_HwNm\_f32==>Zero  
TS2.20HandwheelTorque\_HwNm\_f32==>Pos  
TS2.21HandwheelTorque\_HwNm\_f32==>Neg  
TS2.22HandwheelVelocity\_HwRadpS\_f32==>Min  
TS2.23HandwheelVelocity\_HwRadpS\_f32==>Max  
TS2.24HandwheelVelocity\_HwRadpS\_f32==>Zero  
TS2.25HandwheelVelocity\_HwRadpS\_f32==>Pos  
TS2.26HandwheelVelocity\_HwRadpS\_f32==>Neg  
TS2.27STTdSelected\_Cnt\_Igc==>Min  
TS2.28STTdSelected\_Cnt\_Igc==>Max  
TS2.29VehicleSpeedValid\_Cnt\_Igc==>Min  
TS2.30VehicleSpeedValid\_Cnt\_Igc==>Max  
TS2.31RelHwPosnVldToSeriCom\_Cnt\_Igc==>Min  
TS2.32RelHwPosnVldToSeriCom\_Cnt\_Igc==>Max

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0
HandwheelPosition_HwDeg_M_f32	-1600
HandwheelTorque_HwNm_M_f32	-8.80000019
HandwheelVelocity_HwRadpS_M_f32	-32
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	0
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0

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Name	Input Value
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0
k_AUTORARRETMOTDAValidThresh_mS_u16	0
k_DDEREDEMDAHwPosThresh_HwDeg_f32	0
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0
k_DDEREDEMDAvehSpdThresh_Kph_f32	0
k_ETATSECUANGLECOLSigTimeout_mS_u16	0
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	0
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	0
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASSelected_Cnt_lgc	target_SriComOutput_Per1_AVASSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_lgc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_lgc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_lgc	target_SriComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_lgc	target_SriComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRa	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_lgc	target_SriComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSeriCom	target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_lgc	target_SriComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_lgc	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc_data	0
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0
target_SriComOutput_Per1_APASState_Cnt_enum.value	0
target_SriComOutput_Per1_AVASSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-3260
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0
target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SriComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	0
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1600
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-8.80000019
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-32
target_SriComOutput_Per1_LXASelected_Cnt_lgc.value	0

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Name	Input Value		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1630		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	0		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-10		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	0		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✓
HandwheelAuthority_Uls_M_f32	0	0	✓
HandwheelPosition_HwDeg_M_f32	-1600	-1600	✓
HandwheelTorque_HwNm_M_f32	-8.80000019	-8.80000019	✓
HandwheelVelocity_HwRadpS_M_f32	-32	-32	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_Igc	0	0	✓
STTdSelected_Cnt_M_Igc	0	0	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-40	-40	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1833	1833	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	1
HandwheelPosition_HwDeg_M_f32	1600
HandwheelTorque_HwNm_M_f32	8.80000019
HandwheelVelocity_HwRadpS_M_f32	32
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1600
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	10
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	32
k_AUTORARRETMOTDAValidThresh_mS_u16	65535
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1600
k_DDEREDEMDAHwTrqThresh_HwNm_f32	15
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	32
k_DDEREDEMDAVehSpdThresh_Kph_f32	255
k_ETATSECUANGLECOLSigTimeout_mS_u16	65535
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	1
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65535
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	4294967295
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_Igc	target_SrlComOutput_Per1_AVASSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc

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SrlComOutput\_Per1

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3260		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	15		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	15		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	1		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1600		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	8.80000019		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	32		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	1		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1630		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	10		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	255		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✔
HandwheelAuthority_Uls_M_f32	1	1	✔
HandwheelPosition_HwDeg_M_f32	1600	1600	✔
HandwheelTorque_HwNm_M_f32	8.80000019	8.80000019	✔
HandwheelVelocity_HwRadpS_M_f32	32	32	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔

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SrlComOutput\_Per1

Name	Actual Value	Expected Value	Result
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	1	1	✓
VehicleSpeedValid_Cnt_M_Igc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	40	40	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	15	15	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	88	88	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	7	7	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvoi	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓



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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.3 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.615800023
HandwheelPosition_HwDeg_M_f32	-764.733704
HandwheelTorque_HwNm_M_f32	7.09940004
HandwheelVelocity_HwRadpS_M_f32	5.91419983
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	806.852478
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.75599957
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	12.0495005
k_AUTORARRETMOTDAValidThresh_mS_u16	25267
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1471.77112
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.373899996
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	17.8523998
k_DDEREDEMDAHwSpdThresh_Kph_f32	19.8129997
k_ETATSECUANGLECOLSigTimeout_mS_u16	9578
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.735400021



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SrlComOutput\_Per1

Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	20171
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3428323993
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExport	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Iq	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2956.14868
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.701900005
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1006.67871
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-2.71799994
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-14.9362001
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.958100021
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	451.597198
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.56890011
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	218.858795		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.701900005	0.701900005	✓
HandwheelPosition_HwDeg_M_f32	1006.67871	1006.67871	✓
HandwheelTorque_HwNm_M_f32	-2.71799994	-2.71799994	✓
HandwheelVelocity_HwRadpS_M_f32	-14.9362001	-14.9362001	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	0	0	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-38	-38	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	6	6	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.4 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.349900007
HandwheelPosition_HwDeg_M_f32	1240.31616
HandwheelTorque_HwNm_M_f32	6.56710005
HandwheelVelocity_HwRadpS_M_f32	-20.5806007
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSrlCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	780.624817
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.61940002
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.2560997
k_AUTORARRETMOTDAValidThresh_mS_u16	41519
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1029.23645
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.9935999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	25.8269005
k_DDEREDEMDAVehSpdThresh_Kph_f32	153.124298
k_ETATSECUANGLECOLSigTimeout_mS_u16	30462
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.138699993
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	13768
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	511813458
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_Igc	target_SrlComOutput_Per1_AVASSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32

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Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput.TxEnabled_Cnt_Igc_data	0		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	451.669891		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	13		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.730099976		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	166.720993		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.48600006		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-16.9183006		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.8477		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	356.474213		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	2.28970003		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	63.9323997		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.730099976	0.730099976	✔
HandwheelPosition_HwDeg_M_f32	166.720993	166.720993	✔
HandwheelTorque_HwNm_M_f32	3.48600006	3.48600006	✔
HandwheelVelocity_HwRadpS_M_f32	-16.9183006	-16.9183006	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔

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SrlComOutput\_Per1

Name	Actual Value	Expected Value	Result
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	1	1	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	9	9	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	35	35	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-3565	-3565	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	969	969	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	242	242	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-4517	-4517	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	242	242	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SriComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.807099998
HandwheelPosition_HwDeg_M_f32	564.862976
HandwheelTorque_HwNm_M_f32	-7.70769978
HandwheelVelocity_HwRadpS_M_f32	2.12210011
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	204.061707
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.68150043
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.7439003
k_AUTORARRETMOTDAValidThresh_mS_u16	551
k_DDEREDEMDAHHwPosThresh_HwDeg_f32	14.2962999
k_DDEREDEMDAHHwTrqThresh_HwNm_f32	12.4287004
k_DDEREDEMDAHHwVelThresh_HwRadpS_f32	12.6050997
k_DDEREDEMDAvehSpdThresh_Kph_f32	113.636101
k_ETATSECUANGLECOLSigTimeout_mS_u16	4311
k_JDD2010Selected_Cnt_lgc	1



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Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.83920002
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	49178
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2263891623
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.Per1_AVASelected_Cnt_Igc	target_SriComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRad	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSerlCom	target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Ig	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	0
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1
target_SriComOutput_Per1_APASState_Cnt_enum.value	0
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1479.57629
target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	0
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	12
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.823199987
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1063.78625
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-6.26340008
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-9.44159985
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.222100005
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0
target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-739.843994
target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	0
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	4.07560015
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	6.86509991		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.823199987	0.823199987	✓
HandwheelPosition_HwDeg_M_f32	1063.78625	1063.78625	✓
HandwheelTorque_HwU_M_f32	-6.26340008	-6.26340008	✓
HandwheelVelocity_HwRadPS_M_f32	-9.44159985	-9.44159985	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReinitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	0	0	✓
VehicleSpeedValid_Cnt_M_Igc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-63	-63	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓



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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.199900001
HandwheelPosition_HwDeg_M_f32	-246.067001
HandwheelTorque_HwNm_M_f32	4.77659988
HandwheelVelocity_HwRadpS_M_f32	24.3715992
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSeriCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	128.013596
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.64940023
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	3.72040009
k_AUTORARRETMOTDAValidThresh_mS_u16	30881
k_DDEREDEMDAHwPosThresh_HwDeg_f32	26.3181992
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.05719995
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	14.8014002
k_DDEREDEMDAvehSpdThresh_Kph_f32	55.2938004
k_ETATSECUANGLECOLSigTimeout_mS_u16	46600
k_JDD2010Selected_Cnt_lgc	0

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Name	Input Value
k_STTMinHwAuthority_Uls_f32	0.658500016
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	57086
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3351238372
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.Per1_AVASelected_Cnt_Igc	target_SriComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRad	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelectd_Cnt_Igc	target_SriComOutput_Per1_LXASelectd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSerlCom	target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Ig	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	1
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3
target_SriComOutput_Per1_APASState_Cnt_enum.value	1
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1085.98328
target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.0417000018
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1574.95862
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	1.51760006
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-21.7551003
target_SriComOutput_Per1_LXASelectd_Cnt_Igc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.190899998
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0
target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	194.005997
target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	0
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	-4.61119986
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	114.9076		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.0417000018	0.0417000018	✓
HandwheelPosition_HwDeg_M_f32	1574.95862	1574.95862	✓
HandwheelTorque_HwNm_M_f32	1.51760006	1.51760006	✓
HandwheelVelocity_HwRadpS_M_f32	-21.7551003	-21.7551003	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	0	0	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-18	-18	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	15	15	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-1940	-1940	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1246	1246	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

# TEST DETAILS REPORT

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.679899991
HandwheelPosition_HwDeg_M_f32	963.961304
HandwheelTorque_HwNm_M_f32	-6.7329998
HandwheelVelocity_HwRadpS_M_f32	31.8749008
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1509.50464
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.26929998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	31.1117001
k_AUTORARRETMOTDAValidThresh_mS_u16	31294
k_DDEREDEMDAHwPosThresh_HwDeg_f32	220.044098
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.3512001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	8.68560028
k_DDEREDEMDAVehSpdThresh_Kph_f32	50.1478996
k_ETATSECUANGLECOLSigTimeout_mS_u16	29152
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.29370001

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Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	17145
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	1687353066
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExport	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Iq	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3214.75488
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.378399998
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1126.31091
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-0.261999995
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	5.13269997
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0775000006
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	139.981094
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.35520005
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	233.830002		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.378399998	0.378399998	✓
HandwheelPosition_HwDeg_M_f32	-1126.31091	-1126.31091	✓
HandwheelTorque_HwNm_M_f32	-0.261999995	-0.261999995	✓
HandwheelVelocity_HwRadpS_M_f32	5.13269997	5.13269997	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	0	0	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	5	5	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-3	-3	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-294	-294	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	74	74	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	74	74	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SrlComOutput\_Per1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓



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SrlComOutput\_Per1

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	0		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-623.731201		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	6		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.9745		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1153.55701		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	0.289200008		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	6.27629995		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.00659999996		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1436.21704		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-9.13910007		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	143.578201		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.9745	0.9745	✔
HandwheelPosition_HwDeg_M_f32	-1153.55701	-1153.55701	✔
HandwheelTorque_HwNm_M_f32	0.289200008	0.289200008	✔
HandwheelVelocity_HwRadpS_M_f32	6.27629995	6.27629995	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✔



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Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	0	0	✓
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-37	-37	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	3	3	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SriComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓

Test Step 2.9 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.543900013
HandwheelPosition_HwDeg_M_f32	1051.03613
HandwheelTorque_HwNm_M_f32	-3.78760004
HandwheelVelocity_HwRadpS_M_f32	22.5014
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1567.93762
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.04660034
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.9866009
k_AUTORARRETMOTDAValidThresh_mS_u16	20473
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1238.99683
k_DDEREDEMDAHwTrqThresh_HwNm_f32	4.69640017
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	5.87090015
k_DDEREDEMDAVehSpdThresh_Kph_f32	120.199501
k_ETATSECUANGLECOLSigTimeout_mS_u16	59044
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.377700001

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Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	59848
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	512483541
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExport	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Iq	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	0
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-660.122498
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	549.0224
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	7.95039988
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	5.61180019
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.616599977
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	978.591125
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-7.80740023
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	131.776794		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✓
HandwheelAuthority_Uls_M_f32	0	0	✓
HandwheelPosition_HwDeg_M_f32	549.0224	549.0224	✓
HandwheelTorque_HwNm_M_f32	7.95039988	7.95039988	✓
HandwheelVelocity_HwRadpS_M_f32	5.61180019	5.61180019	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-31	-31	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	80	80	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SriComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.10 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.441100001
HandwheelPosition_HwDeg_M_f32	-191.750397
HandwheelTorque_HwNm_M_f32	-8.30700016
HandwheelVelocity_HwRadpS_M_f32	14.2918997
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	369.430603
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.26539993
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.7047005
k_AUTORARRETMOTDAValidThresh_mS_u16	32319
k_DDEREDEMDAHHwPosThresh_HwDeg_f32	916.882019
k_DDEREDEMDAHHwTrqThresh_HwNm_f32	13.5629997
k_DDEREDEMDAHHwVelThresh_HwRadpS_f32	21.0597992
k_DDEREDEMDAHHwSpdThresh_Kph_f32	92.1889038
k_ETATSECUANGLECOLSigTimeout_mS_u16	4161
k_JDD2010Selected_Cnt_lgc	1

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Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.632000029
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	9694
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2227545222
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc	target_SriComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRad	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSerlCom	target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Ig	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	0
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5
target_SriComOutput_Per1_APASState_Cnt_enum.value	3
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	1985.70154
target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	7
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	0
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	4
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	1
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	571.370422
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.0402
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	16.4356003
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.907000005
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0
target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1278.83472
target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	0
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	-6.76119995
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	210.531296		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✓
HandwheelAuthority_Uls_M_f32	1	1	✓
HandwheelPosition_HwDeg_M_f32	571.370422	571.370422	✓
HandwheelTorque_HwNm_M_f32	3.0402	3.0402	✓
HandwheelVelocity_HwRadpS_M_f32	16.4356003	16.4356003	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReinitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	0	0	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-27	-27	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	30	30	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	5	5	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓



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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.11 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.490700006
HandwheelPosition_HwDeg_M_f32	-1599.849
HandwheelTorque_HwNm_M_f32	6.79220009
HandwheelVelocity_HwRadpS_M_f32	-0.179800004
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSerlCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	486.251587
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	1.55809999
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	3.05929995
k_AUTORARRETMOTDAValidThresh_mS_u16	28131
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1354.30981
k_DDEREDEMDAHwTrqThresh_HwNm_f32	12.2921
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	19.5676003
k_DDEREDEMDAVehSpdThresh_Kph_f32	167.467102
k_ETATSECUANGLECOLSigTimeout_mS_u16	44893
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.770200014
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	19628
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3931227519
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_Igc	target_SrlComOutput_Per1_AVASSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32



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Name	Input Value		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt_	target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f32	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm_f32	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_Rte_Read_Ap_SriComOutput.TxEnabled_Cnt_Igc_data	0		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1		
target_SriComOutput_Per1_APASState_Cnt_enum.value	1		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	0		
target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1		
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1		
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-803.044373		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0		
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	0		
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.548200011		
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	613.713928		
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	6.68769979		
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-10.6135998		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.181099996		
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	314.558807		
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	0		
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	2.4381001		
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SriComOutput_Per1_VehicleSpeed_Kph_f32.value	55.2081985		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.548200011	0.548200011	✔
HandwheelPosition_HwDeg_M_f32	613.713928	613.713928	✔
HandwheelTorque_HwNm_M_f32	6.68769979	6.68769979	✔
HandwheelVelocity_HwRadpS_M_f32	-10.6135998	-10.6135998	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔

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Name	Actual Value	Expected Value	Result
RelHwPosnVldToSeriCom_Cnt_M_Igc	0	0	✓
STTdSelected_Cnt_M_Igc	0	0	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	10	10	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	67	67	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	608	608	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	152	152	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	8030	8030	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	152	152	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

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## Test Step 2.12 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.328900009
HandwheelPosition_HwDeg_M_f32	1355.47961
HandwheelTorque_HwNm_M_f32	-3.39129996
HandwheelVelocity_HwRadpS_M_f32	21.4500008
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSeriCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	998.794495
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.02129984
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	23.9473991
k_AUTORARRETMOTDAValidThresh_mS_u16	31630
k_DDEREDEMDAHwPosThresh_HwDeg_f32	194.174393
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.62090015
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.0983009
k_DDEREDEMDAVehSpdThresh_Kph_f32	26.8031998
k_ETATSECUANGLECOLSigTimeout_mS_u16	43294
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.248400003
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	37672
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	1937787920
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_lgc	target_SrlComOutput_Per1_AVASSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASSelected_Cnt_lgc	target_SrlComOutput_Per1_LXASSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASSelected_Cnt_lgc.value	0

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Name	Input Value
target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	913.322815
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5
target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SriComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	4
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.150800005
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1600
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-6.01870012
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-18.7084999
target_SriComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.893700004
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1006.87732
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	0
target_SriComOutput_Per1_STTdSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	6.94000006
target_SriComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SriComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SriComOutput_Per1_VehicleSpeed_Kph_f32.value	103.678902

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.150800005	0.150800005	✓
HandwheelPosition_HwDeg_M_f32	-1600	-1600	✓
HandwheelTorque_HwNm_M_f32	-6.01870012	-6.01870012	✓
HandwheelVelocity_HwRadpS_M_f32	-18.7084999	-18.7084999	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	0	0	✓
STTdSelected_Cnt_M_lgc	0	0	✓
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	28	28	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-60	-60	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1072	1072	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-9133	-9133	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓

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Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

## Test Step 2.13 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.977100015
HandwheelPosition_HwDeg_M_f32	-413.962799
HandwheelTorque_HwNm_M_f32	5.56720018
HandwheelVelocity_HwRadpS_M_f32	24.5090008
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSrlCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	920.481018
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.2578001
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	7.9927001
k_AUTORARRETMOTDAValidThresh_mS_u16	20584
k_DDEREDEMDAHwPosThresh_HwDeg_f32	679.561707
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.46630001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	31.4041996
k_DDEREDEMDAVehSpdThresh_Kph_f32	129.186798
k_ETATSECUANGLECOLSigTimeout_mS_u16	49117
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.456499994
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	13820
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	2720306931
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_enum	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_Igc	target_SrlComOutput_Per1_AVASSelected_Cnt_Igc

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Name	Input Value	Actual Value	Expected Value	Result
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosnLv1_Cnt_Igc	target_SriComOutput_Per1_AbslHwPosnLv1_Cnt_Igc	0	0	✓
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosnLv2_Cnt_Igc	target_SriComOutput_Per1_AbslHwPosnLv2_Cnt_Igc	0.968500018	0.968500018	✓
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbslHwPosnVld_Cnt_Igc	1600	1600	✓
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbslHwPosn_HwDeg_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f32	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm_f32	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRadps_f32	target_SriComOutput_Per1_HandwheelVelocity_HwRadps_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32			
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg			
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg			
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg			
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg			
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg			
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	0			
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5			
target_SriComOutput_Per1_APASState_Cnt_enum.value	1			
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	1			
target_SriComOutput_Per1_AbslHwPosnLv1_Cnt_Igc.value	1			
target_SriComOutput_Per1_AbslHwPosnLv2_Cnt_Igc.value	0			
target_SriComOutput_Per1_AbslHwPosnVld_Cnt_Igc.value	1			
target_SriComOutput_Per1_AbslHwPosn_HwDeg_f32.value	-1555.63867			
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	5			
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1			
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	1			
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	1			
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0			
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0			
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1			
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2			
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0			
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	2			
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	7			
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.968500018			
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1600			
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.72870016			
target_SriComOutput_Per1_HandwheelVelocity_HwRadps_f32.value	11.8659			
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	0			
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0			
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.0535999984			
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1			
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	786.303894			
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1			
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	0			
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	7.11000013			
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1			
target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1			
target_SriComOutput_Per1_VehicleSpeed_Kph_f32.value	211.189697			
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0		✓
HandwheelAuthority_Uls_f32	0.968500018	0.968500018		✓
HandwheelPosition_HwDeg_M_f32	1600	1600		✓



# TEST DETAILS REPORT

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SriComOutput\_Per1

Name	Actual Value	Expected Value	Result
HandwheelTorque_HwNm_M_f32	-4.72870016	-4.72870016	✓
HandwheelVelocity_HwRadpS_M_f32	11.8659	11.8659	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSerlCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	0	0	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	28	28	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	1	1	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	0	0	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-47	-47	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	5	5	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	-7863	-7863	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-680	-680	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	170	170	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	15556	15556	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	170	170	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

# TEST DETAILS REPORT

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.949699998
HandwheelPosition_HwDeg_M_f32	-943.371582
HandwheelTorque_HwNm_M_f32	3.93059993
HandwheelVelocity_HwRadpS_M_f32	16.4853992
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSeriCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	279.912201
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.15929985
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.89569998
k_AUTORARRETMOTDAValidThresh_mS_u16	58842
k_DDEREDEMDAHHwPosThresh_HwDeg_f32	1086.42139
k_DDEREDEMDAHHwTrqThresh_HwNm_f32	13.5464001
k_DDEREDEMDAHHwVelThresh_HwRadpS_f32	8.9083004
k_DDEREDEMDAHHwSpdThresh_Kph_f32	105.264503
k_ETATSECUANGLECOLSigTimeout_mS_u16	44393
k_JDD2010Selected_Cnt_lgc	1



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SriComOutput\_Per1

Name	Input Value
k_STTMinHwAuthority_Uls_f32	0.251800001
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	25198
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3560199185
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause_	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.Per1_AVASelected_Cnt_Igc	target_SriComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSerlCom_Cnt_	target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRad	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelectd_Cnt_Igc	target_SriComOutput_Per1_LXASelectd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSerlCom	target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Ig	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	0
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0
target_SriComOutput_Per1_APASState_Cnt_enum.value	2
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	251.076996
target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	2
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.5722
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	0
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	5.56769991
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-11.5647001
target_SriComOutput_Per1_LXASelectd_Cnt_Igc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.0683000013
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0
target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-311.893097
target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc.value	0
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	-5.97809982
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	197.048096		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.5722	0.5722	✓
HandwheelPosition_HwDeg_M_f32	0	0	✓
HandwheelTorque_HwNm_M_f32	5.56769991	5.56769991	✓
HandwheelVelocity_HwRadpS_M_f32	-11.5647001	-11.5647001	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReinitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	0	0	✓
STTdSelected_Cnt_M_Igc	1	1	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-24	-24	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	56	56	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SriComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.15 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.987200022
HandwheelPosition_HwDeg_M_f32	-1461.32275
HandwheelTorque_HwNm_M_f32	-7.42420006
HandwheelVelocity_HwRadpS_M_f32	-2.80749989
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1388.43811
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.39859962
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	16.5004997
k_AUTORARRETMOTDAValidThresh_mS_u16	47695
k_DDEREDEMDAHHwPosThresh_HwDeg_f32	599.193909
k_DDEREDEMDAHHwTrqThresh_HwNm_f32	8.6093998
k_DDEREDEMDAHHwVelThresh_HwRadpS_f32	13.2798004
k_DDEREDEMDAVehSpdThresh_Kph_f32	239.381104
k_ETATSECUANGLECOLSigTimeout_mS_u16	36382
k_JDD2010Selected_Cnt_lgc	1

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Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.174999997
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	62357
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	4016394100
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc	target_SriComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRad	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSerlCom	target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Ig	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	1
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3
target_SriComOutput_Per1_APASState_Cnt_enum.value	1
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	2035.27356
target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	2
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	0
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	10
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.352899998
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	871.580383
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	2.18709993
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	15.3788004
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.674399972
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1
target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-1347.67017
target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	4.04809999
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1

# TEST DETAILS REPORT

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	185.147507		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.352899998	0.352899998	✓
HandwheelPosition_HwDeg_M_f32	871.580383	871.580383	✓
HandwheelTorque_HwNm_M_f32	2.18709993	2.18709993	✓
HandwheelVelocity_HwRadpS_M_f32	15.3788004	15.3788004	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	1	1	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	22	22	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	2	2	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-881	-881	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	220	220	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-20353	-20353	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	220	220	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.288399994
HandwheelPosition_HwDeg_M_f32	558.017273
HandwheelTorque_HwNm_M_f32	4.78840017
HandwheelVelocity_HwRadpS_M_f32	13.5948
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1346.82214
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.47900009
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.7558002
k_AUTORARRETMOTDAValidThresh_mS_u16	34264
k_DDEREDEMDAHwPosThresh_HwDeg_f32	179.171204
k_DDEREDEMDAHwTrqThresh_HwNm_f32	6.53030014
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	18.198
k_DDEREDEMDAVehSpdThresh_Kph_f32	29.1439991
k_ETATSECUANGLECOLSigTimeout_mS_u16	60570
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.778400004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	36869
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	3602352389
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc



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Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	5		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32.value	-658.280273		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	4		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	3		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.979200006		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-978.640503		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	0.374000013		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-29.1191006		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.068599999		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	1283.25195		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	0		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	1.12899995		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	208.384903		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.979200006	0.979200006	✔
HandwheelPosition_HwDeg_M_f32	-978.640503	-978.640503	✔
HandwheelTorque_HwNm_M_f32	0.374000013	0.374000013	✔
HandwheelVelocity_HwRadpS_M_f32	-29.1191006	-29.1191006	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	0	0	✔
STTdSelected_Cnt_M_Igc	0	0	✔

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SriComOutput\_Per1

Name	Actual Value	Expected Value	Result
VehicleSpeedValid_Cnt_M_Igc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	5	5	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	4	4	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtual	4	4	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SriComOutput_SriComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓



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SrlComOutput\_Per1

## Test Step 2.17 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	1
HandwheelAuthority_Uls_M_f32	0.351900011
HandwheelPosition_HwDeg_M_f32	-250.604294
HandwheelTorque_HwNm_M_f32	-0.372000009
HandwheelVelocity_HwRadpS_M_f32	-30.8994007
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSeriCom_Cnt_M_lgc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1478.4845
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.56590009
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	0.2597
k_AUTORARRETMOTDAValidThresh_mS_u16	9162
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1086.86133
k_DDEREDEMDAHwTrqThresh_HwNm_f32	8.46500015
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	19.2299004
k_DDEREDEMDAVehSpdThresh_Kph_f32	71.6969986
k_ETATSECUANGLECOLSigTimeout_mS_u16	17452
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.219099998
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	34550
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	1972875556
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_lgc	target_SrlComOutput_Per1_AVASSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASSelected_Cnt_lgc	target_SrlComOutput_Per1_LXASSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1
target_SrlComOutput_Per1_AVASSelected_Cnt_lgc.value	1

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Name	Input Value
target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-2301.51147
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7
target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SriComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	10
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.233700007
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	985.535095
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-8.80000019
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	6.27680016
target_SriComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.259600013
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-107.595001
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	0.451599985
target_SriComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	1
target_SriComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SriComOutput_Per1_VehicleSpeed_Kph_f32.value	203.067093

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.233700007	0.233700007	✓
HandwheelPosition_HwDeg_M_f32	985.535095	985.535095	✓
HandwheelTorque_HwNm_M_f32	-8.80000019	-8.80000019	✓
HandwheelVelocity_HwRadpS_M_f32	6.27680016	6.27680016	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-88	-88	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✓

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Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.18 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.678600013
HandwheelPosition_HwDeg_M_f32	-834.277588
HandwheelTorque_HwNm_M_f32	-5.07560015
HandwheelVelocity_HwRadpS_M_f32	-7.27120018
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	385.661011
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.62849998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	6.72380018
k_AUTORARRETMOTDAValidThresh_mS_u16	57811
k_DDEREDEMDAHwPosThresh_HwDeg_f32	420.531403
k_DDEREDEMDAHwTrqThresh_HwNm_f32	0.828199983
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	3.07279992
k_DDEREDEMDAVehSpdThresh_Kph_f32	1.21420002
k_ETATSECUANGLECOLSigTimeout_mS_u16	24952
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.417299986
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	65249
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2795557637
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum

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Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv11_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv11_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv12_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv12_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbslHwPosnLv11_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbslHwPosnLv12_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32.value	1127.62415		
target_SrlComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	4		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	12		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.593200028		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1143.96729		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	8.80000019		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-4.30800009		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.120499998		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-232.488693		
target_SrlComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-2.12290001		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	74.7553024		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.593200028	0.593200028	✔

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Name	Actual Value	Expected Value	Result
HandwheelPosition_HwDeg_M_f32	1143.96729	1143.96729	✓
HandwheelTorque_HwNm_M_f32	8.80000019	8.80000019	✓
HandwheelVelocity_HwRadps_M_f32	-4.30800009	-4.30800009	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	0	0	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-8	-8	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	88	88	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	247	247	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	62	62	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-11276	-11276	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	62	62	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

Test Step 2.19 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.00960000046
HandwheelPosition_HwDeg_M_f32	901.757813
HandwheelTorque_HwNm_M_f32	-2.15499997
HandwheelVelocity_HwRadpS_M_f32	27.0174999
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	277.221588
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.671
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.0531998
k_AUTORARRETMOTDAValidThresh_mS_u16	24297
k_DDEREDEMDAHwPosThresh_HwDeg_f32	320.997314
k_DDEREDEMDAHwTrqThresh_HwNm_f32	14.4509001
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	30.6331005
k_DDEREDEMDAVehSpdThresh_Kph_f32	65.0631027
k_ETATSECUANGLECOLSigTimeout_mS_u16	58295
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.138999999
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	9410
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2666874021
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_Igc	target_SrlComOutput_Per1_AVASSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc



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SrlComOutput\_Per1

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32.value	3134.11719		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSSStateForLxa_Cnt_enum.value	0		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	4		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.650900006		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	488.522308		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	0		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	27.4785995		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.769999981		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-320.895813		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-3.62170005		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	60.4982986		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.650900006	0.650900006	✔
HandwheelPosition_HwDeg_M_f32	488.522308	488.522308	✔
HandwheelTorque_HwNm_M_f32	0	0	✔
HandwheelVelocity_HwRadpS_M_f32	27.4785995	27.4785995	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✔
STTdSelected_Cnt_M_Igc	1	1	✔

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SriComOutput\_Per1

Name	Actual Value	Expected Value	Result
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-14	-14	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimise	0	0	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	3209	3209	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1574	-1574	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-31341	-31341	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓



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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.343899995
HandwheelPosition_HwDeg_M_f32	986.670105
HandwheelTorque_HwNm_M_f32	0.3565
HandwheelVelocity_HwRadpS_M_f32	21.6627998
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	262.496185
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	5.53509998
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	1.01320004
k_AUTORARRETMOTDAValidThresh_mS_u16	57693
k_DDEREDEMDAHwPosThresh_HwDeg_f32	401.922089
k_DDEREDEMDAHwTrqThresh_HwNm_f32	1.35650003
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	13.8950996
k_DDEREDEMDAVehSpdThresh_Kph_f32	143.806107
k_ETATSECUANGLECOLSigTimeout_mS_u16	38135
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.440499991

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Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	18808
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2654290904
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExport	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Iq	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	0
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2
target_SrlComOutput_Per1_APASState_Cnt_enum.value	2
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	538.252502
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SrlComOutput_Per1_DrvrlntvDetd_Cnt_Igc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	12
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.0144999996
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1448.41174
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	6.58419991
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-13.4379997
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.333099991
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-30.7215004
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.2020998
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	211.522705		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.0144999996	0.0144999996	✓
HandwheelPosition_HwDeg_M_f32	1448.41174	1448.41174	✓
HandwheelTorque_HwNm_M_f32	6.58419991	6.58419991	✓
HandwheelVelocity_HwRadpS_M_f32	-13.4379997	-13.4379997	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	0	0	✓
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-17	-17	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	66	66	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	307	307	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	770	770	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	192	192	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-5383	-5383	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	192	192	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SriComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	1
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.90600018
HandwheelPosition_HwDeg_M_f32	-303.175415
HandwheelTorque_HwNm_M_f32	-8.26580048
HandwheelVelocity_HwRadpS_M_f32	-9.01889992
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	0
RelHwPosnVldToSerlCom_Cnt_M_lgc	1
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	405.367706
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	2.55489993
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	30.8386993
k_AUTORARRETMOTDAValidThresh_mS_u16	44286
k_DDEREDEMDAHHwPosThresh_HwDeg_f32	1030.27393
k_DDEREDEMDAHHwTrqThresh_HwNm_f32	8.73079967
k_DDEREDEMDAHHwVelThresh_HwRadpS_f32	21.2952003
k_DDEREDEMDAHHwSpdThresh_Kph_f32	229.825607
k_ETATSECUANGLECOLSigTimeout_mS_u16	21835
k_JDD2010Selected_Cnt_lgc	0

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SriComOutput\_Per1

Name	Input Value
k_STTMinHwAuthority_Uls_f32	0.085000009
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	27887
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	392857452
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc	target_SriComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSerlCom_Cnt	target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRad	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSerlCom_Hv	target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSerlCom	target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Ig	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	0
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6
target_SriComOutput_Per1_APASState_Cnt_enum.value	0
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3104.03735
target_SriComOutput_Per1_AgArbnStToSerlCom_Cnt_enum.value	5
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	0
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	0
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	3
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.91900003
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1345.15576
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.87050009
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-17.4067993
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.91930002
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1
target_SriComOutput_Per1_RelHwPosnToSerlCom_HwDeg_f32.value	-624.431519
target_SriComOutput_Per1_RelHwPosnVldToSerlCom_Cnt_Igc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	-4.6954999
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	63.3320999		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.91900003	0.91900003	✓
HandwheelPosition_HwDeg_M_f32	1345.15576	1345.15576	✓
HandwheelTorque_HwNm_M_f32	-4.87050009	-4.87050009	✓
HandwheelVelocity_HwRadpS_M_f32	-17.4067993	-17.4067993	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	1	1	✓
VehicleSpeedValid_Cnt_M_Igc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-19	-19	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-49	-49	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	5	5	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	997	997	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	249	249	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	249	249	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

Test Step 2.22 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	0
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.983099997
HandwheelPosition_HwDeg_M_f32	-1011.90253
HandwheelTorque_HwNm_M_f32	-4.42889977
HandwheelVelocity_HwRadpS_M_f32	25.6583996
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	662.463379
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	9.12180042
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.1669998
k_AUTORARRETMOTDAValidThresh_mS_u16	30240
k_DDEREDEMMDAHwPosThresh_HwDeg_f32	357.906097
k_DDEREDEMMDAHwTrqThresh_HwNm_f32	12.9701004
k_DDEREDEMMDAHwVelThresh_HwRadpS_f32	2.84559989
k_DDEREDEMMDAHwSpdThresh_Kph_f32	102.773903
k_ETATSECUANGLECOLSigTimeout_mS_u16	55291
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.45660001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	31999
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	359126330
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_Igc	target_SrlComOutput_Per1_AVASSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum



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Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-125.9944		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	1		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	8		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.316399992		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1433.18738		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	1.15100002		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-32		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.0498000011		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	200.907394		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.04150009		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	82.4730988		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.316399992	0.316399992	✔
HandwheelPosition_HwDeg_M_f32	-1433.18738	-1433.18738	✔
HandwheelTorque_HwNm_M_f32	1.15100002	1.15100002	✔
HandwheelVelocity_HwRadpS_M_f32	-32	-32	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✔



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Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	16	16	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStatelka	1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	12	12	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

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SrlComOutput\_Per1

## Test Step 2.23 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	1
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.977599978
HandwheelPosition_HwDeg_M_f32	86.1996994
HandwheelTorque_HwNm_M_f32	0.871800005
HandwheelVelocity_HwRadpS_M_f32	-7.52519989
IsSupvDiraFirstCall_Cnt_M_lgc	1
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSeriCom_Cnt_M_lgc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	1
VehicleSpeedValid_Cnt_M_lgc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	56.1437988
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.7493
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	25.1956005
k_AUTORARRETMOTDAValidThresh_mS_u16	24478
k_DDEREDEMDAHwPosThresh_HwDeg_f32	454.557312
k_DDEREDEMDAHwTrqThresh_HwNm_f32	2.38899994
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	24.3892994
k_DDEREDEMDAVehSpdThresh_Kph_f32	150.925293
k_ETATSECUANGLECOLSigTimeout_mS_u16	54611
k_JDD2010Selected_Cnt_lgc	1
k_STTdMinHwAuthority_Uls_f32	0.779100001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	22173
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	3262124405
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_lgc	target_SrlComOutput_Per1_AVASSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASSelected_Cnt_lgc	target_SrlComOutput_Per1_LXASSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASSelected_Cnt_lgc.value	0

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Name	Input Value
target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	659.114807
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7
target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SriComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	0
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.827300012
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1256.55713
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	7.43109989
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	32
target_SriComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.963
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	814.806885
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	0.946399987
target_SriComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SriComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SriComOutput_Per1_VehicleSpeed_Kph_f32.value	175.738693

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.827300012	0.827300012	✓
HandwheelPosition_HwDeg_M_f32	1256.55713	1256.55713	✓
HandwheelTorque_HwNm_M_f32	7.43109989	7.43109989	✓
HandwheelVelocity_HwRadpS_M_f32	32	32	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	4	4	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	74	74	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓

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Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓

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Name	Input Value
k_DDEREDEMDAvehSpdThresh_Kph_f32	132.7771
k_ETATSECUANGLECOLSigTimeout_mS_u16	37974
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.350800008
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	60072
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	718337759
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enu	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1430.82507
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	7
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	0
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	0
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.889800012
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1350.43359
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	3.33590007
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	0
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.605700016
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1506.94177
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	1

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	8.88910007		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	190.626007		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.889800012	0.889800012	✓
HandwheelPosition_HwDeg_M_f32	-1350.43359	-1350.43359	✓
HandwheelTorque_HwNm_M_f32	3.33590007	3.33590007	✓
HandwheelVelocity_HwRadps_M_f32	0	0	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	1	1	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	36	36	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	33	33	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	7	7	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.164700001
HandwheelPosition_HwDeg_M_f32	1537.95569
HandwheelTorque_HwNm_M_f32	6.04309988
HandwheelVelocity_HwRadpS_M_f32	-27.0716
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSeriCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1338.00623
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07250023
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	10.5193996
k_AUTORARRETMOTDAValidThresh_mS_u16	10312
k_DDEREDEMDAHwPosThresh_HwDeg_f32	184.448395
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.97230005
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	26.4796009
k_DDEREDEMDAHwSpdThresh_Kph_f32	9.73260021
k_ETATSECUANGLECOLSigTimeout_mS_u16	46807
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.268299997
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	54203
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2017186054
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_Igc	target_SrlComOutput_Per1_AVASSelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum



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SrlComOutput\_Per1

Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	2		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	13.3804998		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	0		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	13		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.299699992		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	1544.39246		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-5.92710018		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	27.4780998		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	1		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.278400004		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-453.153107		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	4.89510012		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	115.060501		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.299699992	0.299699992	✔
HandwheelPosition_HwDeg_M_f32	1544.39246	1544.39246	✔
HandwheelTorque_HwNm_M_f32	-5.92710018	-5.92710018	✔
HandwheelVelocity_HwRadpS_M_f32	27.4780998	27.4780998	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✔



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Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	0	0	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	20	20	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	1	1	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-59	-59	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	2	2	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	0	0	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

Test Step 2.26 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.735899985
HandwheelPosition_HwDeg_M_f32	-1225.90894
HandwheelTorque_HwNm_M_f32	3.15709996
HandwheelVelocity_HwRadpS_M_f32	-1.26199996
IsSupvDiraFirstCall_Cnt_M_Igc	0
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	531.095276
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.23850012
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	27.6576996
k_AUTORARRETMOTDAValidThresh_mS_u16	60633
k_DDEREDEMDAHwPosThresh_HwDeg_f32	281.518311
k_DDEREDEMDAHwTrqThresh_HwNm_f32	9.48050022
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.504499972
k_DDEREDEMDAVehSpdThresh_Kph_f32	24.9188004
k_ETATSECUANGLECOLSigTimeout_mS_u16	25647
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.125400007
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	43829

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Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2383337553
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_en	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	4
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32.value	-3.72830009
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	4
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	2
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.978799999
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-854.286316
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.13940001
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-17.6581001
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.753099978
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-78.3038025
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-6.17460012
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	230.483704

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SrlComOutput\_Per1

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.978799999	0.978799999	✓
HandwheelPosition_HwDeg_M_f32	-854.286316	-854.286316	✓
HandwheelTorque_HwNm_M_f32	-4.13940001	-4.13940001	✓
HandwheelVelocity_HwRadpS_M_f32	-17.6581001	-17.6581001	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_lgc	0	0	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-25	-25	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-41	-41	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	4	4	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	Rte_Call_Ap_SrlComOutput_SrlComDriver_SCom_SendMsgOnChange	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.27 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	0
HandwheelAuthority_Uls_M_f32	0.494300008
HandwheelPosition_HwDeg_M_f32	-554.795593
HandwheelTorque_HwNm_M_f32	-1.9619
HandwheelVelocity_HwRadpS_M_f32	-28.1336002
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSrlCom_Cnt_M_Igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	1
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	597.318481
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	3.14910007
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	21.5778999
k_AUTORARRETMOTDAValidThresh_mS_u16	30543
k_DDEREDEMDAHwPosThresh_HwDeg_f32	289.477295
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.09380007
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	6.76660013
k_DDEREDEMDAVehSpdThresh_Kph_f32	54.3769989
k_ETATSECUANGLECOLSigTimeout_mS_u16	63732
k_JDD2010Selected_Cnt_Igc	0
k_STTdMinHwAuthority_Uls_f32	0.209800005
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	51691
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	1834184100
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_Igc	target_SrlComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32

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Name	Input Value		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt_	target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f32	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm_f32	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg		
target_Rte_Inst_Ap_SriComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg		
target_Rte_Read_Ap_SriComOutput.TxEnabled_Cnt_Igc_data	1		
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1		
target_SriComOutput_Per1_APASState_Cnt_enum.value	0		
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	1		
target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	0		
target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	0		
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0		
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-698.227173		
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6		
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1		
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	1		
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	1		
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1		
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1		
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1		
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	2		
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	10		
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.254099995		
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-782.2323		
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-4.56360006		
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	17.5193996		
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1		
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.59829998		
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-562.955322		
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1		
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	5.94960022		
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SriComOutput_Per1_VehicleSpeed_Kph_f32.value	247.055695		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✔
HandwheelAuthority_Uls_M_f32	0.254099995	0.254099995	✔
HandwheelPosition_HwDeg_M_f32	-782.2323	-782.2323	✔
HandwheelTorque_HwNm_M_f32	-4.56360006	-4.56360006	✔
HandwheelVelocity_HwRadpS_M_f32	17.5193996	17.5193996	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔

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Name	Actual Value	Expected Value	Result
RelHwPosnVldToSeriCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	0	0	✓
VehicleSpeedValid_Cnt_M_Igc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	24	24	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-46	-46	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓



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SrlComOutput\_Per1

## Test Step 2.28 (Repeat Count = 1)

Name	Input Value
AbsTempThermLimit_Cnt_M_igc	0
DefaultHwaSCommExportValue_Cnt_M_igc	1
DutyCycleExceeded_Cnt_M_igc	0
HandwheelAuthority_Uls_M_f32	0.799399972
HandwheelPosition_HwDeg_M_f32	620.318604
HandwheelTorque_HwNm_M_f32	8.02210045
HandwheelVelocity_HwRadpS_M_f32	1.31480002
IsSupvDiraFirstCall_Cnt_M_igc	0
ReInitializeComponent_M_igc	1
RelHwPosnVldToSeriCom_Cnt_M_igc	0
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_igc_data
STTdSelected_Cnt_M_igc	0
VehicleSpeedValid_Cnt_M_igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	412.288208
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	0.859099984
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	15.5452003
k_AUTORARRETMOTDAValidThresh_mS_u16	13866
k_DDEREDEMDAHwPosThresh_HwDeg_f32	533.781494
k_DDEREDEMDAHwTrqThresh_HwNm_f32	5.98869991
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	0.287299991
k_DDEREDEMDAVehSpdThresh_Kph_f32	149.304398
k_ETATSECUANGLECOLSigTimeout_mS_u16	43669
k_JDD2010Selected_Cnt_igc	1
k_STTdMinHwAuthority_Uls_f32	0.783200026
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	65220
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime	3929783913
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_igc	target_SrlComOutput_Per1_AVASSelected_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv1_Cnt_igc	target_SrlComOutput_Per1_AbslHwPosnLv1_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnLv2_Cnt_igc	target_SrlComOutput_Per1_AbslHwPosnLv2_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosnVld_Cnt_igc	target_SrlComOutput_Per1_AbslHwPosnVld_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbslHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbslHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_igc	target_SrlComOutput_Per1_CTCFailed_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASSelected_Cnt_igc	target_SrlComOutput_Per1_LXASSelected_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_igc	target_SrlComOutput_Per1_STTdSelected_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_igc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_igc_data	1
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	6
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASSelected_Cnt_igc.value	0



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Name	Input Value
target_SriComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc.value	0
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1144.42249
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	1
target_SriComOutput_Per1_CAVHCSelected_Cnt_lgc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_lgc.value	0
target_SriComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	1
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	13
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.0980999991
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	665.06189
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	-0.155599996
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	29.5706005
target_SriComOutput_Per1_LXASelected_Cnt_lgc.value	0
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.263500005
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-440.423187
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	-7.21490002
target_SriComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SriComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	1
target_SriComOutput_Per1_VehicleSpeed_Kph_f32.value	7.40530014

Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.0980999991	0.0980999991	✓
HandwheelPosition_HwDeg_M_f32	665.06189	665.06189	✓
HandwheelTorque_HwNm_M_f32	-0.155599996	-0.155599996	✓
HandwheelVelocity_HwRadpS_M_f32	29.5706005	29.5706005	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	1	1	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-29	-29	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-2	-2	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	4404	4404	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1694	-1694	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	11444	11444	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefaut	0	0	✓

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Name	Actual Value	Expected Value	Result
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.29 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	0
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.0507999994
HandwheelPosition_HwDeg_M_f32	-64.0398026
HandwheelTorque_HwNm_M_f32	1.44439995
HandwheelVelocity_HwRadpS_M_f32	-12.0084
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	0
RelHwPosnVldToSerlCom_Cnt_M_Igc	1
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	350.009613
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	6.35039997
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	22.5701008
k_AUTORARRETMOTDAValidThresh_mS_u16	4045
k_DDEREDEMDAHwPosThresh_HwDeg_f32	1565.63257
k_DDEREDEMDAHwTrqThresh_HwNm_f32	10.5065002
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	27.2777004

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Name	Input Value
k_DDEREDEMDAvehSpdThresh_Kph_f32	58.8684998
k_ETATSECUANGLECOLSigTimeout_mS_u16	35587
k_JDD2010Selected_Cnt_lgc	0
k_STTdMinHwAuthority_Uls_f32	0.439300001
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	53728
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	17001042
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASSelected_Cnt_lgc	target_SrlComOutput_Per1_AVASSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv11_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLv11_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv12_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLv12_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelectd_Cnt_lgc	target_SrlComOutput_Per1_LXASelectd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	1
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	1
target_SrlComOutput_Per1_APASState_Cnt_enum.value	3
target_SrlComOutput_Per1_AVASSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLv11_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLv12_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-1102.55286
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	1
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	1
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	0
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	1
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	3
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	3
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.979099989
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-723.547485
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-2.65799999
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	12.3148003
target_SrlComOutput_Per1_LXASelectd_Cnt_lgc.value	0
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	1
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.945200026
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	1
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	128.495499
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	0

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Name	Input Value		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-4.59600019		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	68.0669022		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.979099989	0.979099989	✓
HandwheelPosition_HwDeg_M_f32	-723.547485	-723.547485	✓
HandwheelTorque_HwNm_M_f32	-2.65799999	-2.65799999	✓
HandwheelVelocity_HwRadpS_M_f32	12.3148003	12.3148003	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	0	0	✓
STTdSelected_Cnt_M_Igc	0	0	✓
VehicleSpeedValid_Cnt_M_Igc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-18	-18	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	3	3	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-27	-27	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	1	1	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	3	3	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	1	1	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvolcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVit		stemTimK		

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Name	Input Value		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_Igc	target_SrlComOutput_Per1_CTCFailed_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_Igc	target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_enum	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f32	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDeg_f32	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm_f32	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_Igc	target_SrlComOutput_Per1_LXASelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_Igc	target_SrlComOutput_Per1_STTdSelected_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg		
target_Rte_Inst_Ap_SrlComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg		
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data	1		
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	0		
target_SrlComOutput_Per1_APASState_Cnt_enum.value	1		
target_SrlComOutput_Per1_AVASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_Igc.value	1		
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-216.163803		
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3		
target_SrlComOutput_Per1_CAVHCSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CTCFailed_Cnt_Igc.value	0		
target_SrlComOutput_Per1_CityParkSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	0		
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4		
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	0		
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	1		
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	14		
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.611899972		
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	491.176788		
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-3.5302		
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	-23.3421993		
target_SrlComOutput_Per1_LXASelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	0		
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.568199992		
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	1		
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1266.15894		
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	0		
target_SrlComOutput_Per1_STTdSelected_Cnt_Igc.value	0		
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	-1.70650005		
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	201.205902		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	0	0	✔
HandwheelAuthority_Uls_M_f32	0.611899972	0.611899972	✔
HandwheelPosition_HwDeg_M_f32	491.176788	491.176788	✔
HandwheelTorque_HwNm_M_f32	-3.5302	-3.5302	✔
HandwheelVelocity_HwRadpS_M_f32	-23.3421993	-23.3421993	✔
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✔
ReInitializeComponent_M_Igc	0	0	✔
RelHwPosnVldToSeriCom_Cnt_M_Igc	0	0	✔

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Name	Actual Value	Expected Value	Result
STTdSelected_Cnt_M_lgc	0	0	✓
VehicleSpeedValid_Cnt_M_lgc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	-7	-7	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	1	1	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	0	0	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	0	0	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-35	-35	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	1337	1337	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	0	0	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓



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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓

Test Step 2.31 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_Igc	1
DefaultHwaSCommExportValue_Cnt_M_Igc	1
DutyCycleExceeded_Cnt_M_Igc	1
HandwheelAuthority_Uls_M_f32	0.663500011
HandwheelPosition_HwDeg_M_f32	-25.9123001
HandwheelTorque_HwNm_M_f32	4.99289989
HandwheelVelocity_HwRadpS_M_f32	26.6257992
IsSupvDiraFirstCall_Cnt_M_Igc	1
ReInitializeComponent_M_Igc	1
RelHwPosnVldToSeriCom_Cnt_M_Igc	1
Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SrlComOutput	target_Rte_Inst_Ap_SrlComOutput
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc(data)	target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_Igc_data
STTdSelected_Cnt_M_Igc	0
VehicleSpeedValid_Cnt_M_Igc	1
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	889.938721
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	7.65920019
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	19.9207001
k_AUTORARRETMOTDAValidThresh_mS_u16	13870
k_DDEREDEMDAHwPosThresh_HwDeg_f32	789.201721
k_DDEREDEMDAHwTrqThresh_HwNm_f32	3.5769999
k_DDEREDEMDAHwVelThresh_HwRadpS_f32	30.9703007
k_DDEREDEMDAVehSpdThresh_Kph_f32	90.6612015
k_ETATSECUANGLECOLSigTimeout_mS_u16	62263
k_JDD2010Selected_Cnt_Igc	1
k_STTdMinHwAuthority_Uls_f32	0.220300004
target_Rte_Call_Ap_SrlComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	3013



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Name	Input Value
target_Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32_Curren	3550646175
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASStateTransitionCause	target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_APASState_Cnt_enum	target_SrlComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AVASelected_Cnt_lgc	target_SrlComOutput_Per1_AVASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc	target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CAVHCSelected_Cnt_lgc	target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CTCFailed_Cnt_lgc	target_SrlComOutput_Per1_CTCFailed_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_CityParkSelected_Cnt_lgc	target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DefaultHwaSCommExportV	target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc	target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc	target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EPSStateForLxa_Cnt_en	target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc	target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ETATDADYN_Cnt_enum	target_SrlComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_EtatMT_Cnt_u08	target_SrlComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelAuthority_Uls_f	target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelPosition_HwDe	target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelTorque_HwNm	target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_HandwheelVelocity_HwRa	target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LXASelected_Cnt_lgc	target_SrlComOutput_Per1_LXASelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc	target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_OutputRampMult_Uls_f32	target_SrlComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RampDwnStatusComplete	target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_RelHwPosnVldToSeriCom	target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_STTdSelected_Cnt_lgc	target_SrlComOutput_Per1_STTdSelected_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_SrlComHwTrq_HwNm_f32	target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc	target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeedValid_Cnt_lg	target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_SrlComOutput.SrlComOutput_Per1_VehicleSpeed_Kph_f32	target_SrlComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDatDiraMsg	target_Pim_PimIsDatDiraMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynDaeMsg	target_Pim_PimIsDynDaeMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolAddMsg	target_Pim_PimIsDynVolAddMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsDynVolBaseMsg	target_Pim_PimIsDynVolBaseMsg
target_Rte_Inst_Ap_SrlComOutput.Pim_PimIsSupvDiraMsg	target_Pim_PimIsSupvDiraMsg
target_Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc_data	0
target_SrlComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	7
target_SrlComOutput_Per1_APASState_Cnt_enum.value	0
target_SrlComOutput_Per1_AVASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosnLv1_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnLv2_Cnt_lgc.value	0
target_SrlComOutput_Per1_AbsltHwPosnVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	3031.09155
target_SrlComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	6
target_SrlComOutput_Per1_CAVHCSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_CTCFailed_Cnt_lgc.value	1
target_SrlComOutput_Per1_CityParkSelected_Cnt_lgc.value	0
target_SrlComOutput_Per1_DefaultHwaSCommExportValue_Cnt_lgc.value	0
target_SrlComOutput_Per1_DmdDelestDaVld_Cnt_lgc.value	1
target_SrlComOutput_Per1_DrvrIntvDetd_Cnt_lgc.value	1
target_SrlComOutput_Per1_EPSStateForLxa_Cnt_enum.value	4
target_SrlComOutput_Per1_ESCOffsCfgSeld_Cnt_lgc.value	0
target_SrlComOutput_Per1_ETATDADYN_Cnt_enum.value	0
target_SrlComOutput_Per1_EtatMT_Cnt_u08.value	10
target_SrlComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.879599988
target_SrlComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-15.9369001
target_SrlComOutput_Per1_HandwheelTorque_HwNm_f32.value	-6.22149992
target_SrlComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	26.9748001
target_SrlComOutput_Per1_LXASelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_LxaTqLimnActv_Cnt_lgc.value	0
target_SrlComOutput_Per1_OutputRampMult_Uls_f32.value	0.912400007
target_SrlComOutput_Per1_RampDwnStatusComplete_Cnt_lgc.value	0
target_SrlComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	-1036.90308
target_SrlComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_lgc.value	0
target_SrlComOutput_Per1_STTdSelected_Cnt_lgc.value	1
target_SrlComOutput_Per1_SrlComHwTrq_HwNm_f32.value	9.3973999
target_SrlComOutput_Per1_ValidEngineStatus_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_lgc.value	0
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	184.486206

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Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_lgc	0	0	✓
HandwheelAuthority_Uls_M_f32	0.879599988	0.879599988	✓
HandwheelPosition_HwDeg_M_f32	-15.9369001	-15.9369001	✓
HandwheelTorque_HwNm_M_f32	-6.22149992	-6.22149992	✓
HandwheelVelocity_HwRadpS_M_f32	26.9748001	26.9748001	✓
IsSupvDiraFirstCall_Cnt_M_lgc	0	0	✓
ReInitializeComponent_M_lgc	0	0	✓
RelHwPosnVldToSeriCom_Cnt_M_lgc	0	0	✓
STTdSelected_Cnt_M_lgc	1	1	✓
VehicleSpeedValid_Cnt_M_lgc	0	0	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	38	38	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	0	0	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	0	0	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	4	4	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	-62	-62	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	6	6	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	-1546	-1546	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	254	254	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	1	1	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	1	1	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	-30311	-30311	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	254	254	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	2	2	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

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SriComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SriComOutput_Relnit	1	SriComOutput_Relnit	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SriComOutput_IS_DYN_DAE	1	SriComOutput_IS_DYN_DAE	1	✓
SriComOutput_GetCpleVolantOptimse	1	SriComOutput_GetCpleVolantOptimse	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SriComOutput_GetVitesseColonne	1	SriComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SriComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SriComOutput_IsDynDaeMsg	1	✓
SriComOutput_IS_DYN_VOL	1	SriComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SriComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SriComOutput_IsDynVolMsg	1	✓
SriComOutput_IS_DAT_DIRA	1	SriComOutput_IS_DAT_DIRA	1	✓
SriComOutput_GetHwTorqueFault	1	SriComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SriComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SriComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SriComOutput_GetCpleVolant	1	SriComOutput_GetCpleVolant	1	✓
SriComOutput_GetEtatDa2004	1	SriComOutput_GetEtatDa2004	1	✓
SriComOutput_GetEtatDa2010	1	SriComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsDatDiraMsg	1	✓
SriComOutput_IS_SUPV_DIRA	1	SriComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SriComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SriComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SriComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

Test Step 2.32 (Repeat Count = 1)	
Name	Input Value
AbsTempThermLimit_Cnt_M_lgc	0
DefaultHwaSCommExportValue_Cnt_M_lgc	0
DutyCycleExceeded_Cnt_M_lgc	0
HandwheelAuthority_Uls_M_f32	0.653199971
HandwheelPosition_HwDeg_M_f32	711.934204
HandwheelTorque_HwNm_M_f32	-2.72029996
HandwheelVelocity_HwRadpS_M_f32	20.2047005
IsSupvDiraFirstCall_Cnt_M_lgc	0
ReInitializeComponent_M_lgc	1
RelHwPosnVldToSerlCom_Cnt_M_lgc	0
Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_SriComOutput	target_Rte_Inst_Ap_SriComOutput
Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc(data)	target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_lgc_data
STTdSelected_Cnt_M_lgc	0
VehicleSpeedValid_Cnt_M_lgc	0
k_AUTORARRETMOTDAHwPosThresh_HwDeg_f32	1237.73657
k_AUTORARRETMOTDAHwTrqThresh_HwNm_f32	8.07820034
k_AUTORARRETMOTDAHwVelThresh_HwRadpS_f32	5.51970005
k_AUTORARRETMOTDAValidThresh_mS_u16	21911
k_DDEREDEMDAHHwPosThresh_HwDeg_f32	1520.11035
k_DDEREDEMDAHHwTrqThresh_HwNm_f32	6.07870007
k_DDEREDEMDAHHwVelThresh_HwRadpS_f32	20.6117001
k_DDEREDEMDAHHwSpdThresh_Kph_f32	50.8699989
k_ETATSECUANGLECOLSigTimeout_mS_u16	37316
k_JDD2010Selected_Cnt_lgc	0

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Name	Input Value
k_STTdMinHwAuthority_Uls_f32	0.421499997
target_Rte_Call_Ap_SriComOutput_SystemTime_DtrmnElapsedTime_mS_u16_Ela	27359
target_Rte_Call_Ap_SriComOutput_SystemTime_GetSystemTime_mS_u32_Curren	2403057394
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASStateTransitionCause	target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_APASState_Cnt_enum	target_SriComOutput_Per1_APASState_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AVASelected_Cnt_Igc	target_SriComOutput_Per1_AVASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc	target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AbsltHwPosn_HwDeg_f32	target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_AgArbnStToSeriCom_Cnt	target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CAVHCSelected_Cnt_Igc	target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CTCFailed_Cnt_Igc	target_SriComOutput_Per1_CTCFailed_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_CityParkSelected_Cnt_Igc	target_SriComOutput_Per1_CityParkSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DefaultHwaSCommExport	target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc	target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc	target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EPSStateForLxa_Cnt_enun	target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc	target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ETATDADYN_Cnt_enum	target_SriComOutput_Per1_ETATDADYN_Cnt_enum
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_EtatMT_Cnt_u08	target_SriComOutput_Per1_EtatMT_Cnt_u08
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelAuthority_Uls_f	target_SriComOutput_Per1_HandwheelAuthority_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelPosition_HwDe	target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelTorque_HwNm	target_SriComOutput_Per1_HandwheelTorque_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_HandwheelVelocity_HwRad	target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LXASelected_Cnt_Igc	target_SriComOutput_Per1_LXASelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc	target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_OutputRampMult_Uls_f32	target_SriComOutput_Per1_OutputRampMult_Uls_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RampDwnStatusComplete	target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnToSeriCom_Hv	target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_RelHwPosnVldToSeriCom	target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_STTdSelected_Cnt_Igc	target_SriComOutput_Per1_STTdSelected_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_SriComHwTrq_HwNm_f32	target_SriComOutput_Per1_SriComHwTrq_HwNm_f32
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_ValidEngineStatus_Cnt_Igc	target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeedValid_Cnt_Ig	target_SriComOutput_Per1_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_SriComOutput.SriComOutput_Per1_VehicleSpeed_Kph_f32	target_SriComOutput_Per1_VehicleSpeed_Kph_f32
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDatDiraMsg	target_Pim_PimlsDatDiraMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynDaeMsg	target_Pim_PimlsDynDaeMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolAddMsg	target_Pim_PimlsDynVolAddMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsDynVolBaseMsg	target_Pim_PimlsDynVolBaseMsg
target_Rte_Inst_Ap_SriComOutput.Pim_PimlsSupvDiraMsg	target_Pim_PimlsSupvDiraMsg
target_Rte_Read_Ap_SriComOutput_TxEnabled_Cnt_Igc_data	0
target_SriComOutput_Per1_APASStateTransitionCause_Cnt_enum.value	3
target_SriComOutput_Per1_APASState_Cnt_enum.value	0
target_SriComOutput_Per1_AVASelected_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosnLv11_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnLv12_Cnt_Igc.value	1
target_SriComOutput_Per1_AbsltHwPosnVld_Cnt_Igc.value	0
target_SriComOutput_Per1_AbsltHwPosn_HwDeg_f32.value	-2339.89111
target_SriComOutput_Per1_AgArbnStToSeriCom_Cnt_enum.value	3
target_SriComOutput_Per1_CAVHCSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_CTCFailed_Cnt_Igc.value	1
target_SriComOutput_Per1_CityParkSelected_Cnt_Igc.value	0
target_SriComOutput_Per1_DefaultHwaSCommExportValue_Cnt_Igc.value	1
target_SriComOutput_Per1_DmdDelestDaVld_Cnt_Igc.value	0
target_SriComOutput_Per1_DrvrIntvDetd_Cnt_Igc.value	1
target_SriComOutput_Per1_EPSStateForLxa_Cnt_enum.value	2
target_SriComOutput_Per1_ESCOffsCfgSeld_Cnt_Igc.value	1
target_SriComOutput_Per1_ETATDADYN_Cnt_enum.value	2
target_SriComOutput_Per1_EtatMT_Cnt_u08.value	7
target_SriComOutput_Per1_HandwheelAuthority_Uls_f32.value	0.579100013
target_SriComOutput_Per1_HandwheelPosition_HwDeg_f32.value	-1420.66125
target_SriComOutput_Per1_HandwheelTorque_HwNm_f32.value	2.55879998
target_SriComOutput_Per1_HandwheelVelocity_HwRadpS_f32.value	12.7840996
target_SriComOutput_Per1_LXASelected_Cnt_Igc.value	1
target_SriComOutput_Per1_LxaTqLimnActv_Cnt_Igc.value	1
target_SriComOutput_Per1_OutputRampMult_Uls_f32.value	0.106700003
target_SriComOutput_Per1_RampDwnStatusComplete_Cnt_Igc.value	0
target_SriComOutput_Per1_RelHwPosnToSeriCom_HwDeg_f32.value	582.07489
target_SriComOutput_Per1_RelHwPosnVldToSeriCom_Cnt_Igc.value	1
target_SriComOutput_Per1_STTdSelected_Cnt_Igc.value	1
target_SriComOutput_Per1_SriComHwTrq_HwNm_f32.value	1.60950005
target_SriComOutput_Per1_ValidEngineStatus_Cnt_Igc.value	0

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SrlComOutput\_Per1

Name	Input Value		
target_SrlComOutput_Per1_VehicleSpeedValid_Cnt_Igc.value	1		
target_SrlComOutput_Per1_VehicleSpeed_Kph_f32.value	53.5495987		
Name	Actual Value	Expected Value	Result
DefaultHwaSCommExportValue_Cnt_M_Igc	1	1	✓
HandwheelAuthority_Uls_M_f32	0.579100013	0.579100013	✓
HandwheelPosition_HwDeg_M_f32	-1420.66125	-1420.66125	✓
HandwheelTorque_HwNm_M_f32	2.55879998	2.55879998	✓
HandwheelVelocity_HwRadpS_M_f32	12.7840996	12.7840996	✓
IsSupvDiraFirstCall_Cnt_M_Igc	0	0	✓
ReInitializeComponent_M_Igc	0	0	✓
RelHwPosnVldToSrlCom_Cnt_M_Igc	1	1	✓
STTdSelected_Cnt_M_Igc	1	1	✓
VehicleSpeedValid_Cnt_M_Igc	1	1	✓
target_Pim_PimIsDatDiraMsg.CpleVolant	6	6	✓
target_Pim_PimIsDatDiraMsg.EtatDa2004	0	0	✓
target_Pim_PimIsDatDiraMsg.EtatDaDyn	2	2	✓
target_Pim_PimIsDatDiraMsg.EtatDa2010	2	2	✓
target_Pim_PimIsDatDiraMsg.TrqLimitState	1	1	✓
target_Pim_PimIsDatDiraMsg.SteerwhlHoldByDrv	1	1	✓
target_Pim_PimIsDatDiraMsg.EpsStateLka	2	2	✓
target_Pim_PimIsDatDiraMsg.AutorArretMotDa	0	0	✓
target_Pim_PimIsDatDiraMsg.DdeRedemDa	1	1	✓
target_Pim_PimIsDynDaeMsg.CptProcess4bDae	0	0	✓
target_Pim_PimIsDynDaeMsg.ChksumTrmeDynDae	0	0	✓
target_Pim_PimIsDynDaeMsg.CpleVolantOptimse	26	26	✓
target_Pim_PimIsDynDaeMsg.CauseDesactivCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCpk	0	0	✓
target_Pim_PimIsDynDaeMsg.AngleColonne	32767	32767	✓
target_Pim_PimIsDynDaeMsg.EtatSecuAngleCol	0	0	✓
target_Pim_PimIsDynDaeMsg.EtatDaeCav3Virtuel	3	3	✓
target_Pim_PimIsDynDaeMsg.VitesseColonne	2047	2047	✓
target_Pim_PimIsDynVolAddMsg.EtatCaptVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.CalibrationVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.TrimVol	1	1	✓
target_Pim_PimIsDynVolAddMsg.CodeDefaultVol	0	0	✓
target_Pim_PimIsDynVolAddMsg.VitesseRotVolOptimise	255	255	✓
target_Pim_PimIsDynVolAddMsg.AngleVolantOrigine	3	3	✓
target_Pim_PimIsDynVolAddMsg.FlgAvollcn	0	0	✓
target_Pim_PimIsDynVolAddMsg.FlgInitAvol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.AngleVolant	32767	32767	✓
target_Pim_PimIsDynVolBaseMsg.VitesseRotVol	255	255	✓
target_Pim_PimIsDynVolBaseMsg.SensRotVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.CptProcess4bAVol	0	0	✓
target_Pim_PimIsDynVolBaseMsg.ChksumVol	0	0	✓
target_Pim_PimIsSupvDiraMsg.CodeDefault	1	1	✓
target_Pim_PimIsSupvDiraMsg.StatusConfabsent	0	0	✓
target_Pim_PimIsSupvDiraMsg.EtatAssistDa	1	1	✓
target_Pim_PimIsSupvDiraMsg.EtatLigneApc	0	0	✓

# TEST DETAILS REPORT

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SrlComOutput\_Per1

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
SrlComOutput_Relnit	1	SrlComOutput_Relnit	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	Rte_Read_Ap_SrlComOutput_TxEnabled_Cnt_lgc	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	2	✓
SrlComOutput_IS_DYN_DAE	1	SrlComOutput_IS_DYN_DAE	1	✓
SrlComOutput_GetCpleVolantOptimse	1	SrlComOutput_GetCpleVolantOptimse	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	4	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
SrlComOutput_GetVitesseColonne	1	SrlComOutput_GetVitesseColonne	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynDaeMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynDaeMsg	1	✓
SrlComOutput_IS_DYN_VOL	1	SrlComOutput_IS_DYN_VOL	1	✓
Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Enter_Ap_SrlComOutput_IsDynVolMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	Rte_Exit_Ap_SrlComOutput_IsDynVolMsg	1	✓
SrlComOutput_IS_DAT_DIRA	1	SrlComOutput_IS_DAT_DIRA	1	✓
SrlComOutput_GetHwTorqueFault	1	SrlComOutput_GetHwTorqueFault	1	✓
Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	Rte_Call_Ap_SrlComOutput_NxtrDiagMgr_GetNTCFailed	6	✓
Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	Rte_Call_Ap_SrlComOutput_IndStatusETATDA2_GetIndicatorStatus	1	✓
SrlComOutput_GetCpleVolant	1	SrlComOutput_GetCpleVolant	1	✓
SrlComOutput_GetEtatDa2004	1	SrlComOutput_GetEtatDa2004	1	✓
SrlComOutput_GetEtatDa2010	1	SrlComOutput_GetEtatDa2010	1	✓
Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_SrlComOutput_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsDatDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsDatDiraMsg	1	✓
SrlComOutput_IS_SUPV_DIRA	1	SrlComOutput_IS_SUPV_DIRA	1	✓
Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	Rte_Call_Ap_SrlComOutput_EpsEn_OP_GET	1	✓
Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Enter_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	Rte_Exit_Ap_SrlComOutput_IsSupvDiraMsg	1	✓
memcpy_dup	1	memcpy_dup	1	✓

# TEST DETAILS REPORT

2018-05-28, 19:30:27+0530

SrlComOutput\_GetEtatDa2004



Project	SrlComOutput
Module	SrlComOutput
Test Object	SrlComOutput_GetEtatDa2004

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	2
Successful	2 ✓
Failed	0
Not Executed	0

## Module Properties

Project Root Directory	D:\Synergy_Work_Area\SrlComOutput
Configuration File	D:\Synergy_Work_Area\SrlComOutput\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)\SrlComOutput\src\Ap_SrlComOutput.c
Compiler Options	-D_DATA_ACCESS= -D__inline= -Dconst= -Dextern= -Dmemcpy=memcpy_dup -Dstatic= -I\$(PROJECTROOT)\SrlComOutput\utp\contract -I\$(PROJECTROOT)\SrlComOutput\utp\contract\Ap_SrlComOutput -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
------	------

# TEST DETAILS REPORT

SrlComOutput\_GetEtatDa2004

2018-05-28, 19:30:27+0530



Module 'SrlComOutput'

\*\*\*\*\*Unit Test Information\*\*\*\*\*

Name of Tester: Sachin Kamate  
Code File(s) Under Test: Ap\_SrlComOutput.c  
Code File(s) Version: 21  
Module Design Document: SrlComOutput\_MDD.docx  
Module Design Document Version: 6  
Data Dictionary Version: 10  
Unit Test Plan Version: 10  
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): 3412  
Total RAM Used (Bytes): 44  
Total CALS Used (Bytes): 37  
Special Test Requirements: NA  
Test Date: 5/28/2018  
Comments:  
Note 1: "CBD\_Sandbox\_dbg.map" MAP file embedded for reference.  
Note 2: Inline functions in GlobalMacro.h are not unit tested.  
Note 3: In function "SrlComOutput\_GetVitesseColonne", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1357 ,  
out of range values is given to  
the variable "HandwheelVelocity\_HwRadpS\_M\_f32" as [-34.9066, 34.9066] over DD range [-32, 32].  
Note 4: In function "SrlComOutput\_GetCpleVolantOptimise", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1387 ,  
out of range values is given to  
the variable "HandwheelTorque\_HwNm\_M\_f32" as [-10, 10] over DD range [-8.8, 8.8].  
Note 5: In function "SrlComOutput\_GetCpleVolant", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1640 ,  
out of range values is given to  
the variable "SrlComHwTrq\_HwNm\_f32" as [-32, 31.5] over DD range [-10, 10].  
Note 6: In function "SrlComOutput\_IS\_DYN\_DAE", To achieve 100 % path coverage for macro "Limit\_m" at source line numbers 1464 ,  
out of range values is given to  
the variable "HandwheelPosition\_HwDeg\_M\_f32" as [-1630, 1630] over DD range [-1600, 1600].  
Note 7: In function "SrlComOutput\_IS\_DYN\_VOL", Following condition cannot be covered at SRC line no.1574,  
"((VITESEROTVOL\_HwDegpS\_T\_f32) < 0.0f)==>True" due to usage of macro "Abs\_f32\_m".

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
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.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\SrlComOutput\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



## Test Case 1: Metrics Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS1.1 42.00 Cycles  
TS1.2 42.00 Cycles

**Description** Vector Description:

TS1.1Shortest Execution Path:  
if( (k\_JDD2010Selected\_Cnt\_Igc == TRUE)==>True ||  
(EtatDa2\_Cnt\_T\_Igc == TRUE) )=>True

TS1.2Longest Execution Path:  
if( (k\_JDD2010Selected\_Cnt\_Igc == TRUE)==>False ||  
(EtatDa2\_Cnt\_T\_Igc == TRUE)==>False )=>False

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
EtatDa2_Cnt_T_Igc	1		
k_JDD2010Selected_Cnt_Igc	1		
Name	Actual Value	Expected Value	Result
SriComOutput_GetEtatDa2004()	2	2	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
EtatDa2_Cnt_T_Igc	0		
k_JDD2010Selected_Cnt_Igc	0		
Name	Actual Value	Expected Value	Result
SriComOutput_GetEtatDa2004()	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Case 2: Range Test

**Specification** Performance Metrics (With "None" Instrumentation and WithPS Environment)  
CPU Cycles:

TS2.1 42.00 Cycles  
TS2.2 42.00 Cycles  
TS2.3 42.00 Cycles  
TS2.4 42.00 Cycles  
TS2.5 42.00 Cycles  
TS2.6 42.00 Cycles

**Description** Vector Description:

TS2.1 All Min  
TS2.2 All Max  
TS2.3 EtatDa2\_Cnt\_T\_Igc==>Min  
TS2.4 EtatDa2\_Cnt\_T\_Igc==>Max  
TS2.5 k\_JDD2010Selected\_Cnt\_Igc==>Min  
TS2.6 k\_JDD2010Selected\_Cnt\_Igc==>Max

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value		
EtatDa2_Cnt_T_Igc	0		
k_JDD2010Selected_Cnt_Igc	0		
Name	Actual Value	Expected Value	Result
SriComOutput_GetEtatDa2004()	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

SrlComOutput\_GetEtatDa2004

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## Test Step 2.2 (Repeat Count = 1) ✓

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2004()	2	2	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.3 (Repeat Count = 1) ✓

Name	Input Value		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2004()	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		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2004()	2	2	✓

## 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		
EtatDa2_Cnt_T_lgc	0		
k_JDD2010Selected_Cnt_lgc	0		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2004()	0	0	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.6 (Repeat Count = 1) ✓

Name	Input Value		
EtatDa2_Cnt_T_lgc	1		
k_JDD2010Selected_Cnt_lgc	1		
Name	Actual Value	Expected Value	Result
SrlComOutput_GetEtatDa2004()	2	2	✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

