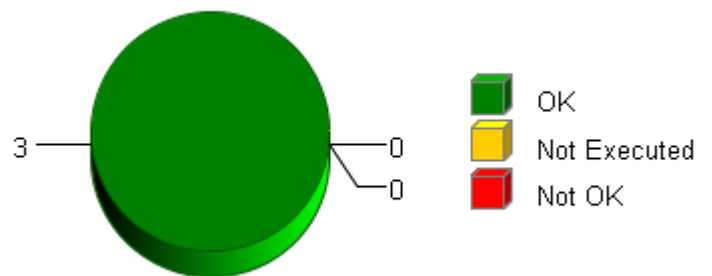


## Summary

**Total Test Objects:** 3  
**Successful:** 3  
**Failed:** 0  
**Not Executed:** 0  
**Date:** 2015-04-21  
**Time:** 11:43:38+0530

## Overall Test Object Results (including Coverage)



## Selected Project Items

Test Collection "CustBattDiag"

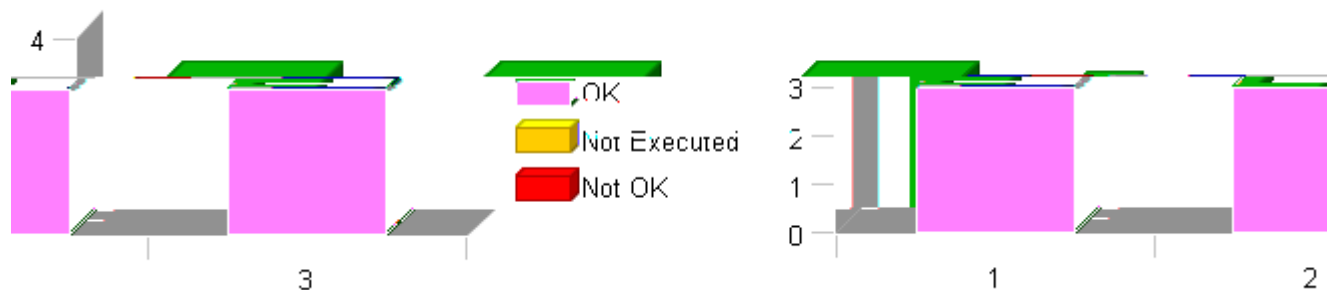
## Used Test Environments

TI TMS 570 PLS UDE (Default)

## Batch Operation Settings

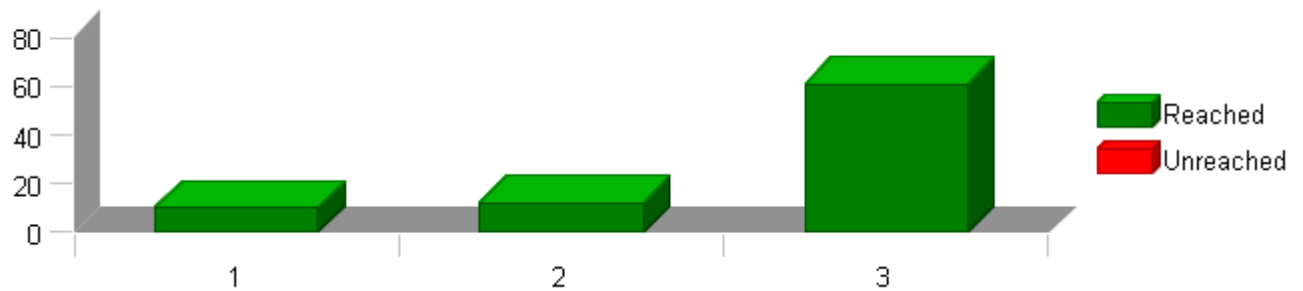
**Check Interface:** No  
**Generate Driver:** Yes  
**Execute Test:** Yes  
**Create New Test Run:** Yes  
**Instrumentation:** Test Object Only  
**Coverage:** Statement Coverage, Branch Coverage, Decision Coverage, Modified Condition / Decision Coverage, Multiple Condition Coverage

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



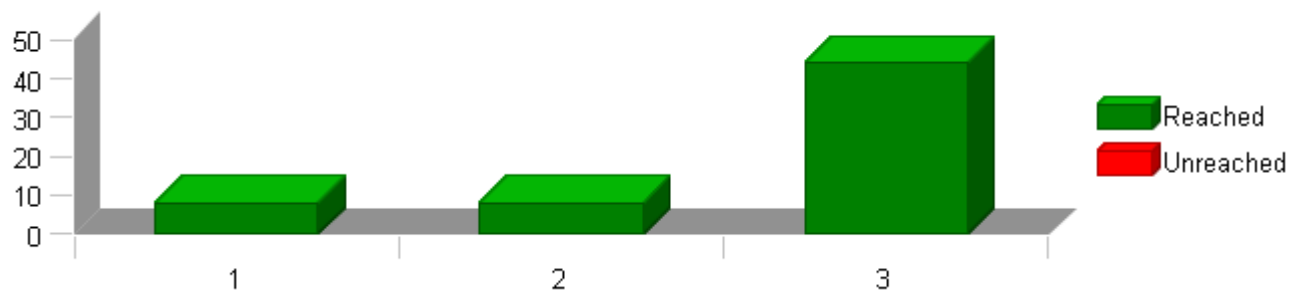
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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

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



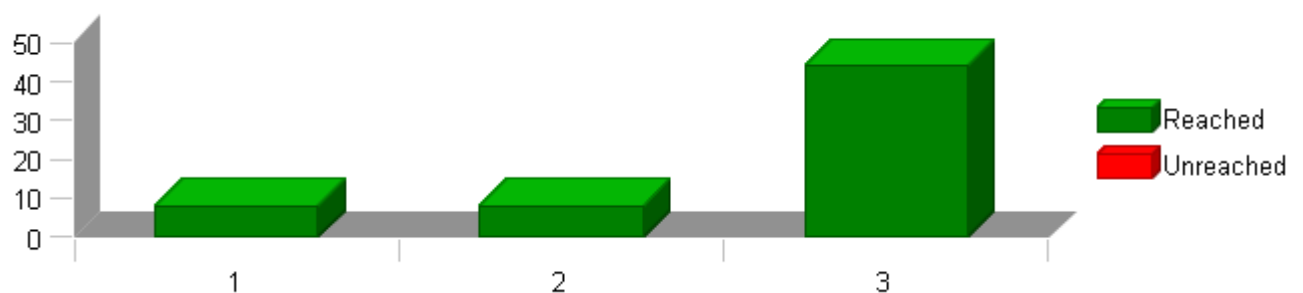
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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



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

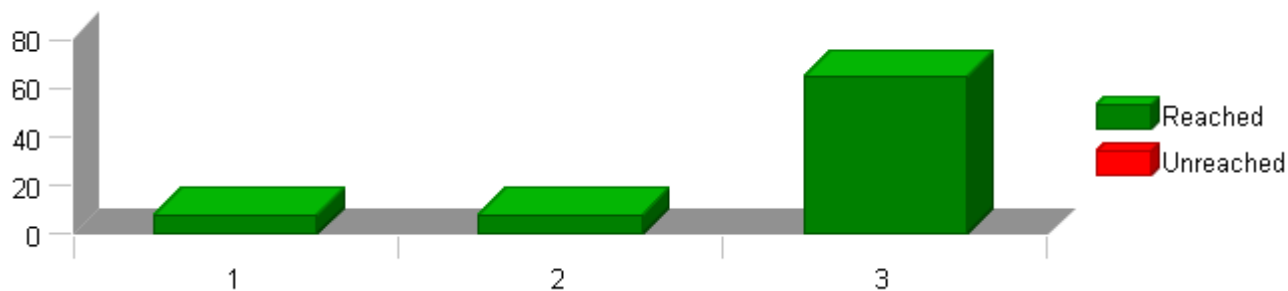
### Decision Coverage: Total Decision Outcomes for Each Test Object



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

Each bar is divided into reached and unreached decision outcomes.

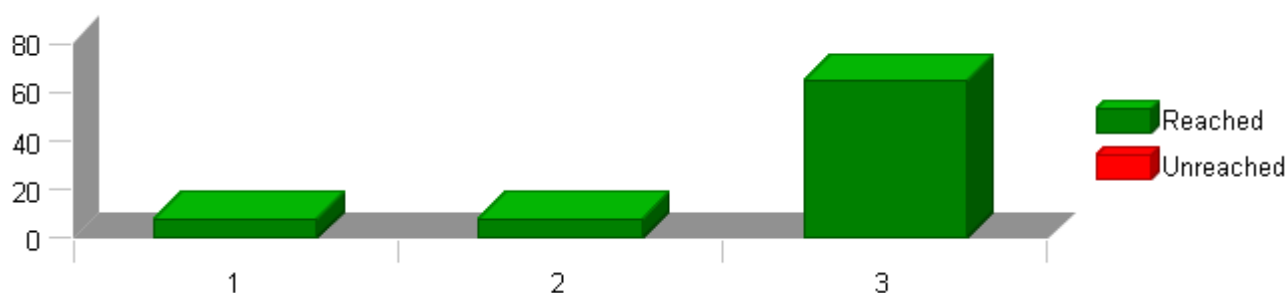
## MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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

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



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

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

## Test 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	MCC	Test Cases	Result
	CustBattDiag	100 %	100 %	100 %	100 %	100 %	9 of 9 passed	✓
	CustBattDiag	100 %	100 %	100 %	100 %	100 %	9 of 9 passed	✓
	Ap_CustBattDiag	100 %	100 %	100 %	100 %	100 %	9 of 9 passed	✓
1	<a href="#">ControlTimers</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓
2	<a href="#">CustBattDiag_Per1</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓
3	<a href="#">CustBattDiag_Per2</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓

# TEST DETAILS REPORT



Project	CustBattDiag
Module	Ap_CustBattDiag
Test Object	CustBattDiag_Per1

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

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

## Comments/Description/Specification

Name	Text
Module 'Ap_CustBattDiag'	*****UNI TEST DESCRIPTION*****  Name of Tester:Bharat Zanwar Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:2 Module Design Document:CustomerBattDiagnostic_MDD.doc Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:1 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):1374 Total RAM Used (Bytes):72 Total CALS Used (Bytes):84 Special Test Requirements: Test Date:04/21/2015 Comments:"Note1:The map file""CBD_Sandbox_dbg.map"" is embedded for reference." *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\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 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

Attributes	
Name	Value
Timer Unit	Cycles
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PSA_CustBattDiag\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:  TS1.1 615 Cycles TS1.2 4299 Cycles
Description	Vector Description TS1.1"Shortest Execution Path=> (BattVoltage_Volts_T_u10p6 > k_UVNotDetect_Volts_u10p6)==>True E5TestStatus_Cnt_T_u08 = D_TESTPASSED_CNT_U08;  ( BattVoltage_Volts_T_u10p6 > k_OVDetect_Volts_u10p6 )==>True E7TestStatus_Cnt_T_u08 = D_TESTFAILED_CNT_U08;" TS1.2" Longest Execution Path=> ( BattVoltage_Volts_T_u10p6 > k_UVNotDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 < k_UVDetect_Volts_u10p6 )==>False E5TestStatus_Cnt_T_u08 = D_INDEADBAND_CNT_U08;  ( BattVoltage_Volts_T_u10p6 > k_OVDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 < k_OVNotDetect_Volts_u10p6 )==>False E7TestStatus_Cnt_T_u08 = D_INDEADBAND_CNT_U08;"

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	1932039680		
CustBattDiag_OVSet_ms_M_u32p0	2491700992		
CustBattDiag_UVClr_ms_M_u32p0	1167422720		
CustBattDiag_UVSet_ms_M_u32p0	3493764864		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1408		
k_OVDetect_ms_u16p0	14818		
k_OVNotDetect_Volts_u10p6	1344		
k_OVNotDetect_ms_u16p0	13408		
k_UVDetect_Volts_u10p6	1920		
k_UVDetect_ms_u16p0	44364		
k_UVNotDetect_Volts_u10p6	1472		
k_UVNotDetect_ms_u16p0	36356		
target_CustBattDiag_Per1_Batt_Volt_f32.value	31		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	27332		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1932039680		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1932039680	1932039680	✔
CustBattDiag_OVSet_ms_M_u32p0	2491700992	2491700992	✔
CustBattDiag_UVClr_ms_M_u32p0	1167422720	1167422720	✔
CustBattDiag_UVSet_ms_M_u32p0	1932039680	1932039680	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	4294967295
CustBattDiag_OVSet_ms_M_u32p0	4294967295
CustBattDiag_UVClr_ms_M_u32p0	4294967295
CustBattDiag_UVSet_ms_M_u32p0	4294967295

# TEST DETAILS REPORT



Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1984		
k_OVDetect_ms_u16p0	65535		
k_OVNotDetect_Volts_u10p6	1984		
k_OVNotDetect_ms_u16p0	65535		
k_UVDetect_Volts_u10p6	1984		
k_UVDetect_ms_u16p0	65535		
k_UVNotDetect_Volts_u10p6	1984		
k_UVNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per1_Batt_Volt_f32.value	31		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_OVSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_UVClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_UVSet_ms_M_u32p0	4294967295	4294967295	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	





Test Case 2: Boundary Test

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS2.1 614 Cycles TS2.2 1129 Cycles TS2.3 1129 Cycles TS2.4 4313 Cycles TS2.5 7505 Cycles TS2.6 4317 Cycles TS2.7 1129 Cycles TS2.8 7515 Cycles TS2.9 4321 Cycles TS2.10 1129 Cycles TS2.11 7517 Cycles TS2.12 4322 Cycles TS2.13 4614 Cycles TS2.14 7514 Cycles TS2.15 4321 Cycles TS2.16 7512 Cycles TS2.17 4319 Cycles TS2.18 7488 Cycles TS2.19 1129 Cycles TS2.20 4310 Cycles TS2.21 7495 Cycles TS2.22 4315 Cycles TS2.23 4601 Cycles TS2.24 4315 Cycles TS2.25 1129 Cycles TS2.26 1129 Cycles TS2.27 4586 Cycles TS2.28 1129 Cycles TS2.29 4311 Cycles TS2.30 4311 Cycles TS2.31 4313 Cycles TS2.32 1129 Cycles TS2.33 1129 Cycles TS2.34 4313 Cycles TS2.35 4316 Cycles TS2.36 4306 Cycles TS2.37 4306 Cycles TS2.38 1129 Cycles TS2.39 4585 Cycles TS2.40 1129 Cycles TS2.41 4312 Cycles
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Description	Vector Description TS2.1All Min TS2.2All Max TS2.3Batt_Volt_f32 = MIN TS2.4Batt_Volt_f32 = MAX TS2.5Batt_Volt_f32 = POS TS2.6k_UVNotDetect_Volts_u10p6 = MIN TS2.7k_UVNotDetect_Volts_u10p6 = MAX TS2.8k_UVNotDetect_Volts_u10p6 = POS TS2.9k_UVDetect_Volts_u10p6 = MIN TS2.10k_UVDetect_Volts_u10p6 = MAX TS2.11k_UVDetect_Volts_u10p6 = POS TS2.12k_OVDetect_Volts_u10p6 = MIN TS2.13k_OVDetect_Volts_u10p6 = MAX TS2.14k_OVDetect_Volts_u10p6 = POS TS2.15k_OVNotDetect_Volts_u10p6 = MIN TS2.16k_OVNotDetect_Volts_u10p6 = MAX TS2.17k_OVNotDetect_Volts_u10p6 = POS TS2.18CustBattDiag_UVSet_ms_M_u32p0 = MIN TS2.19CustBattDiag_UVSet_ms_M_u32p0 = MAX TS2.20CustBattDiag_UVSet_ms_M_u32p0 = POS TS2.21CustBattDiag_UVClr_ms_M_u32p0 = MIN TS2.22CustBattDiag_UVClr_ms_M_u32p0 = MAX TS2.23CustBattDiag_UVClr_ms_M_u32p0 = POS TS2.24k_UVDetect_ms_u16p0 = MIN TS2.25k_UVDetect_ms_u16p0 = MAX TS2.26k_UVDetect_ms_u16p0 = POS TS2.27k_UVNotDetect_ms_u16p0 = MIN TS2.28k_UVNotDetect_ms_u16p0 = MAX TS2.29k_UVNotDetect_ms_u16p0 = POS TS2.30CustBattDiag_OVSet_ms_M_u32p0 = MIN TS2.31CustBattDiag_OVSet_ms_M_u32p0 = MAX TS2.32CustBattDiag_OVSet_ms_M_u32p0 = POS TS2.33CustBattDiag_OVClr_ms_M_u32p0 = MIN TS2.34CustBattDiag_OVClr_ms_M_u32p0 = MAX TS2.35CustBattDiag_OVClr_ms_M_u32p0 = POS TS2.36k_OVDetect_ms_u16p0 = MIN TS2.37k_OVDetect_ms_u16p0 = MAX TS2.38k_OVDetect_ms_u16p0 = POS TS2.39k_OVNotDetect_ms_u16p0 = MIN TS2.40k_OVNotDetect_ms_u16p0 = MAX TS2.41k_OVNotDetect_ms_u16p0 = POS
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Test Step 2.1 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	0
CustBattDiag_OVSet_ms_M_u32p0	0
CustBattDiag_UVClr_ms_M_u32p0	0
CustBattDiag_UVSet_ms_M_u32p0	0
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime

# TEST DETAILS REPORT



Name	Input Value		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	0		
k_OVDetect_ms_u16p0	0		
k_OVNotDetect_Volts_u10p6	0		
k_OVNotDetect_ms_u16p0	0		
k_UVDetect_Volts_u10p6	0		
k_UVDetect_ms_u16p0	0		
k_UVNotDetect_Volts_u10p6	0		
k_UVNotDetect_ms_u16p0	0		
target_CustBattDiag_Per1_Batt_Volt_f32.value	5		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	0	0	✔
CustBattDiag_OVSet_ms_M_u32p0	0	0	✔
CustBattDiag_UVClr_ms_M_u32p0	0	0	✔
CustBattDiag_UVSet_ms_M_u32p0	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.2 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		4294967295		
CustBattDiag_OVSet_ms_M_u32p0		4294967295		
CustBattDiag_UVClr_ms_M_u32p0		4294967295		
CustBattDiag_UVSet_ms_M_u32p0		4294967295		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		1984		
k_OVDetect_ms_u16p0		65535		
k_OVNotDetect_Volts_u10p6		1984		
k_OVNotDetect_ms_u16p0		65535		
k_UVDetect_Volts_u10p6		1984		
k_UVDetect_ms_u16p0		65535		
k_UVNotDetect_Volts_u10p6		1984		
k_UVNotDetect_ms_u16p0		65535		
target_CustBattDiag_Per1_Batt_Volt_f32.value		31		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		4294967295		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		4294967295	4294967295	✓
CustBattDiag_OVSet_ms_M_u32p0		4294967295	4294967295	✓
CustBattDiag_UVClr_ms_M_u32p0		4294967295	4294967295	✓
CustBattDiag_UVSet_ms_M_u32p0		4294967295	4294967295	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓









Test Step 2.3 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_OVClr_ms_M_u32p0	354815744	
CustBattDiag_OVSet_ms_M_u32p0	2173576192	

# TEST DETAILS REPORT



Name	Input Value		
CustBattDiag_UVClr_ms_M_u32p0	2700810752		
CustBattDiag_UVSet_ms_M_u32p0	2251295744		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	256		
k_OVDetect_ms_u16p0	36692		
k_OVNotDetect_Volts_u10p6	1728		
k_OVNotDetect_ms_u16p0	12519		
k_UVDetect_Volts_u10p6	960		
k_UVDetect_ms_u16p0	10427		
k_UVNotDetect_Volts_u10p6	1280		
k_UVNotDetect_ms_u16p0	14992		
target_CustBattDiag_Per1_Batt_Volt_f32.value	5		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5519		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	354815744		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	354815744	354815744	✔
CustBattDiag_OVSet_ms_M_u32p0	2173576192	2173576192	✔
CustBattDiag_UVClr_ms_M_u32p0	354815744	354815744	✔
CustBattDiag_UVSet_ms_M_u32p0	2251295744	2251295744	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.4 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		1932039680		
CustBattDiag_OVSet_ms_M_u32p0		2491700992		
CustBattDiag_UVClr_ms_M_u32p0		1167422720		
CustBattDiag_UVSet_ms_M_u32p0		3493764864		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		1408		
k_OVDetect_ms_u16p0		14818		
k_OVNotDetect_Volts_u10p6		1344		
k_OVNotDetect_ms_u16p0		13408		
k_UVDetect_Volts_u10p6		1920		
k_UVDetect_ms_u16p0		44364		
k_UVNotDetect_Volts_u10p6		1472		
k_UVNotDetect_ms_u16p0		36356		
target_CustBattDiag_Per1_Batt_Volt_f32.value		31		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		27332		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1932039680		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	1932039680	1932039680		
CustBattDiag_OVSet_ms_M_u32p0	2491700992	2491700992		
CustBattDiag_UVClr_ms_M_u32p0	1167422720	1167422720		
CustBattDiag_UVSet_ms_M_u32p0	1932039680	1932039680		
NTC_Cnt_T_enum	0xE7	0xE7		
Param_Cnt_T_u08	0x01	0x01		
Status_Cnt_T_enum	0x01	0x01		

# TEST DETAILS REPORT



T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.5 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	1878851840			
CustBattDiag_OVSet_ms_M_u32p0	674086400			
CustBattDiag_UVClr_ms_M_u32p0	1190290432			
CustBattDiag_UVSet_ms_M_u32p0	404678144			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1024			
k_OVDetect_ms_u16p0	35843			
k_OVNotDetect_Volts_u10p6	1984			
k_OVNotDetect_ms_u16p0	57057			
k_UVDetect_Volts_u10p6	1856			
k_UVDetect_ms_u16p0	62181			
k_UVNotDetect_Volts_u10p6	192			
k_UVNotDetect_ms_u16p0	60948			
target_CustBattDiag_Per1_Batt_Volt_f32.value	13.1300001			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65185			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1878851840			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	1878851840	1878851840	✓	
CustBattDiag_OVSet_ms_M_u32p0	1878851840	1878851840	✓	
CustBattDiag_UVClr_ms_M_u32p0	1190290432	1190290432	✓	
CustBattDiag_UVSet_ms_M_u32p0	1878851840	1878851840	✓	
NTC_Cnt_T_enum	0xE5	0xE5	✓	
Param_Cnt_T_u08	0x00	0x00	✓	
Status_Cnt_T_enum	0x00	0x00	✓	
NTC_Cnt_T_enum	0xE7	0xE7	✓	
Param_Cnt_T_u08	0x00	0x00	✓	
Status_Cnt_T_enum	0x00	0x00	✓	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓






Test Step 2.6 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	2766913536			
CustBattDiag_OVSet_ms_M_u32p0	932022528			
CustBattDiag_UVClr_ms_M_u32p0	626497280			
CustBattDiag_UVSet_ms_M_u32p0	4267315456			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1408			
k_OVDetect_ms_u16p0	53309			
k_OVNotDetect_Volts_u10p6	1344			
k_OVNotDetect_ms_u16p0	28825			

# TEST DETAILS REPORT



Name	Input Value		
k_UVDetect_Volts_u10p6	1280		
k_UVDetect_ms_u16p0	55349		
k_UVNotDetect_Volts_u10p6	0		
k_UVNotDetect_ms_u16p0	28321		
target_CustBattDiag_Per1_Batt_Volt_f32.value	14.7222004		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	30871		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2766913536		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	2766913536	2766913536	✔
CustBattDiag_OVSet_ms_M_u32p0	2766913536	2766913536	✔
CustBattDiag_UVClr_ms_M_u32p0	626497280	626497280	✔
CustBattDiag_UVSet_ms_M_u32p0	2766913536	2766913536	✔
NTC_Cnt_T_enum	0xE5	0xE5	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 2.7 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		870023936		
CustBattDiag_OVSet_ms_M_u32p0		442116096		
CustBattDiag_UVClr_ms_M_u32p0		3535011328		
CustBattDiag_UVSet_ms_M_u32p0		2182385664		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		1408		
k_OVDetect_ms_u16p0		50105		
k_OVNotDetect_Volts_u10p6		1216		
k_OVNotDetect_ms_u16p0		63423		
k_UVDetect_Volts_u10p6		1152		
k_UVDetect_ms_u16p0		30193		
k_UVNotDetect_Volts_u10p6		1984		
k_UVNotDetect_ms_u16p0		64197		
target_CustBattDiag_Per1_Batt_Volt_f32.value		27.8206005		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		39439		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		870023936		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		870023936	870023936	
CustBattDiag_OVSet_ms_M_u32p0		442116096	442116096	
CustBattDiag_UVClr_ms_M_u32p0		870023936	870023936	
CustBattDiag_UVSet_ms_M_u32p0		870023936	870023936	

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

# TEST DETAILS REPORT



## Test Step 2.8 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3990370816		
CustBattDiag_OVSet_ms_M_u32p0	4012919552		
CustBattDiag_UVClr_ms_M_u32p0	553306368		
CustBattDiag_UVSet_ms_M_u32p0	60887808		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1472		
k_OVDetect_ms_u16p0	22721		
k_OVNotDetect_Volts_u10p6	1600		
k_OVNotDetect_ms_u16p0	56679		
k_UVDetect_Volts_u10p6	1216		
k_UVDetect_ms_u16p0	25529		
k_UVNotDetect_Volts_u10p6	1408		
k_UVNotDetect_ms_u16p0	23798		
target_CustBattDiag_Per1_Batt_Volt_f32.value	27.0858002		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	63379		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3990370816		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3990370816	3990370816	✔
CustBattDiag_OVSet_ms_M_u32p0	4012919552	4012919552	✔
CustBattDiag_UVClr_ms_M_u32p0	553306368	553306368	✔
CustBattDiag_UVSet_ms_M_u32p0	3990370816	3990370816	✔
NTC_Cnt_T_enum	0xE5	0xE5	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.9 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3145602304		
CustBattDiag_OVSet_ms_M_u32p0	3908690432		
CustBattDiag_UVClr_ms_M_u32p0	2735892480		
CustBattDiag_UVSet_ms_M_u32p0	1221036544		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	896		
k_OVDetect_ms_u16p0	15158		
k_OVNotDetect_Volts_u10p6	1408		
k_OVNotDetect_ms_u16p0	11035		
k_UVDetect_Volts_u10p6	0		
k_UVDetect_ms_u16p0	13678		
k_UVNotDetect_Volts_u10p6	1152		
k_UVNotDetect_ms_u16p0	37518		
target_CustBattDiag_Per1_Batt_Volt_f32.value	6.42172003		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	18755		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3145602304		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3145602304	3145602304	✔
CustBattDiag_OVSet_ms_M_u32p0	3145602304	3145602304	✔
CustBattDiag_UVClr_ms_M_u32p0	3145602304	3145602304	✔
CustBattDiag_UVSet_ms_M_u32p0	3145602304	3145602304	✔

# TEST DETAILS REPORT



Name	Actual Value	Expected Value	Result
NTC_Cnt_T_enum	0xE7	0xE7	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.10 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3484976128		
CustBattDiag_OVSet_ms_M_u32p0	3266911488		
CustBattDiag_UVClr_ms_M_u32p0	2248641280		
CustBattDiag_UVSet_ms_M_u32p0	1274029312		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	384		
k_OVDetect_ms_u16p0	57137		
k_OVNotDetect_Volts_u10p6	896		
k_OVNotDetect_ms_u16p0	62973		
k_UVDetect_Volts_u10p6	1984		
k_UVDetect_ms_u16p0	7980		
k_UVNotDetect_Volts_u10p6	1856		
k_UVNotDetect_ms_u16p0	36164		
target_CustBattDiag_Per1_Batt_Volt_f32.value	20.5821991		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1406		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3484976128		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3484976128	3484976128	✔
CustBattDiag_OVSet_ms_M_u32p0	3266911488	3266911488	✔
CustBattDiag_UVClr_ms_M_u32p0	3484976128	3484976128	✔
CustBattDiag_UVSet_ms_M_u32p0	1274029312	1274029312	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.11 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3414505216
CustBattDiag_OVSet_ms_M_u32p0	1344760832
CustBattDiag_UVClr_ms_M_u32p0	2440307200
CustBattDiag_UVSet_ms_M_u32p0	983716864
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_OVDetect_Volts_u10p6	1472
k_OVDetect_ms_u16p0	33068
k_OVNotDetect_Volts_u10p6	1536
k_OVNotDetect_ms_u16p0	26979
k_UVDetect_Volts_u10p6	1472
k_UVDetect_ms_u16p0	46429
k_UVNotDetect_Volts_u10p6	832
k_UVNotDetect_ms_u16p0	47789

# TEST DETAILS REPORT



Name	Input Value		
target_CustBattDiag_Per1_Batt_Volt_f32.value	11.9083996		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	60650		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3414505216		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3414505216	3414505216	✔
CustBattDiag_OVSet_ms_M_u32p0	3414505216	3414505216	✔
CustBattDiag_UVClr_ms_M_u32p0	3414505216	3414505216	✔
CustBattDiag_UVSet_ms_M_u32p0	983716864	983716864	✔
NTC_Cnt_T_enum	0xE5	0xE5	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 2.12 (Repeat Count = 1)				✓
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		514530816		
CustBattDiag_OVSet_ms_M_u32p0		131628800		
CustBattDiag_UVClr_ms_M_u32p0		2185911552		
CustBattDiag_UVSet_ms_M_u32p0		906479360		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		0		
k_OVDetect_ms_u16p0		41336		
k_OVNotDetect_Volts_u10p6		512		
k_OVNotDetect_ms_u16p0		49933		
k_UVDetect_Volts_u10p6		1728		
k_UVDetect_ms_u16p0		43143		
k_UVNotDetect_Volts_u10p6		0		
k_UVNotDetect_ms_u16p0		2511		
target_CustBattDiag_Per1_Batt_Volt_f32.value		22.5692997		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		21075		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		514530816		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	514530816	514530816	✓	
CustBattDiag_OVSet_ms_M_u32p0	131628800	131628800	✓	
CustBattDiag_UVClr_ms_M_u32p0	2185911552	2185911552	✓	
CustBattDiag_UVSet_ms_M_u32p0	514530816	514530816	✓	
NTC_Cnt_T_enum	0xE5	0xE5	✓	
Param_Cnt_T_u08	0x00	0x00	✓	
Status_Cnt_T_enum	0x00	0x00	✓	

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	



# TEST DETAILS REPORT



## Test Step 2.13 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	2174052608		
CustBattDiag_OVSet_ms_M_u32p0	2966504960		
CustBattDiag_UVClr_ms_M_u32p0	3866340352		
CustBattDiag_UVSet_ms_M_u32p0	3714280960		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1984		
k_OVDetect_ms_u16p0	7650		
k_OVNotDetect_Volts_u10p6	1856		
k_OVNotDetect_ms_u16p0	2681		
k_UVDetect_Volts_u10p6	1984		
k_UVDetect_ms_u16p0	40405		
k_UVNotDetect_Volts_u10p6	1728		
k_UVNotDetect_ms_u16p0	1621		
target_CustBattDiag_Per1_Batt_Volt_f32.value	21.4806995		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	32531		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2174052608		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	2174052608	2174052608	✔
CustBattDiag_OVSet_ms_M_u32p0	2174052608	2174052608	✔
CustBattDiag_UVClr_ms_M_u32p0	2174052608	2174052608	✔
CustBattDiag_UVSet_ms_M_u32p0	3714280960	3714280960	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3015870464		
CustBattDiag_OVSet_ms_M_u32p0	1975709952		
CustBattDiag_UVClr_ms_M_u32p0	3321085696		
CustBattDiag_UVSet_ms_M_u32p0	1252817152		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1856		
k_OVDetect_ms_u16p0	16576		
k_OVNotDetect_Volts_u10p6	192		
k_OVNotDetect_ms_u16p0	59121		
k_UVDetect_Volts_u10p6	1152		
k_UVDetect_ms_u16p0	33157		
k_UVNotDetect_Volts_u10p6	1600		
k_UVNotDetect_ms_u16p0	767		
target_CustBattDiag_Per1_Batt_Volt_f32.value	31		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53729		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3015870464		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3015870464	3015870464	✔
CustBattDiag_OVSet_ms_M_u32p0	1975709952	1975709952	✔
CustBattDiag_UVClr_ms_M_u32p0	3321085696	3321085696	✔
CustBattDiag_UVSet_ms_M_u32p0	3015870464	3015870464	✔
NTC_Cnt_T_enum	0xE5	0xE5	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔

# TEST DETAILS REPORT



Name	Actual Value	Expected Value	Result
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3161926400		
CustBattDiag_OVSet_ms_M_u32p0	1465511936		
CustBattDiag_UVClr_ms_M_u32p0	4085220864		
CustBattDiag_UVSet_ms_M_u32p0	1220368384		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	320		
k_OVDetect_ms_u16p0	32721		
k_OVNotDetect_Volts_u10p6	0		
k_OVNotDetect_ms_u16p0	10581		
k_UVDetect_Volts_u10p6	1792		
k_UVDetect_ms_u16p0	64418		
k_UVNotDetect_Volts_u10p6	0		
k_UVNotDetect_ms_u16p0	9804		
target_CustBattDiag_Per1_Batt_Volt_f32.value	5.86048985		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	32339		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3161926400		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3161926400	3161926400	✓
CustBattDiag_OVSet_ms_M_u32p0	1465511936	1465511936	✓
CustBattDiag_UVClr_ms_M_u32p0	4085220864	4085220864	✓
CustBattDiag_UVSet_ms_M_u32p0	3161926400	3161926400	✓
NTC_Cnt_T_enum	0xE5	0xE5	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3030729216
CustBattDiag_OVSet_ms_M_u32p0	3511743232
CustBattDiag_UVClr_ms_M_u32p0	918040832
CustBattDiag_UVSet_ms_M_u32p0	751221504
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_OVDetect_Volts_u10p6	896
k_OVDetect_ms_u16p0	31643
k_OVNotDetect_Volts_u10p6	1984

# TEST DETAILS REPORT



Name	Input Value		
k_OVNotDetect_ms_u16p0	2757		
k_UVDetect_Volts_u10p6	1792		
k_UVDetect_ms_u16p0	52680		
k_UVNotDetect_Volts_u10p6	1792		
k_UVNotDetect_ms_u16p0	41089		
target_CustBattDiag_Per1_Batt_Volt_f32.value	20.2059994		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	64105		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3030729216		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3030729216	3030729216	✔
CustBattDiag_OVSet_ms_M_u32p0	3511743232	3511743232	✔
CustBattDiag_UVClr_ms_M_u32p0	3030729216	3030729216	✔
CustBattDiag_UVSet_ms_M_u32p0	751221504	751221504	✔
NTC_Cnt_T_enum	0xE5	0xE5	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 2.17 (Repeat Count = 1)				✓
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		3308715264		
CustBattDiag_OVSet_ms_M_u32p0		4147636736		
CustBattDiag_UVClr_ms_M_u32p0		2038050816		
CustBattDiag_UVSet_ms_M_u32p0		3589706240		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		896		
k_OVDetect_ms_u16p0		19784		
k_OVNotDetect_Volts_u10p6		192		
k_OVNotDetect_ms_u16p0		56481		
k_UVDetect_Volts_u10p6		1088		
k_UVDetect_ms_u16p0		34272		
k_UVNotDetect_Volts_u10p6		1024		
k_UVNotDetect_ms_u16p0		62861		
target_CustBattDiag_Per1_Batt_Volt_f32.value		15.8418999		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		45538		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		3308715264		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		3308715264	3308715264	✓
CustBattDiag_OVSet_ms_M_u32p0		4147636736	4147636736	✓
CustBattDiag_UVClr_ms_M_u32p0		3308715264	3308715264	✓
CustBattDiag_UVSet_ms_M_u32p0		3589706240	3589706240	✓
NTC_Cnt_T_enum		0xE5	0xE5	✓
Param_Cnt_T_u08		0x01	0x01	✓
Status_Cnt_T_enum		0x01	0x01	✓
NTC_Cnt_T_enum		0xE7	0xE7	✓
Param_Cnt_T_u08		0x01	0x01	✓
Status_Cnt_T_enum		0x01	0x01	✓

# TEST DETAILS REPORT



T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.18 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	405654528			
CustBattDiag_OVSet_ms_M_u32p0	4196336896			
CustBattDiag_UVClr_ms_M_u32p0	1005597440			
CustBattDiag_UVSet_ms_M_u32p0	0			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	512			
k_OVDetect_ms_u16p0	47389			
k_OVNotDetect_Volts_u10p6	1280			
k_OVNotDetect_ms_u16p0	46218			
k_UVDetect_Volts_u10p6	704			
k_UVDetect_ms_u16p0	500			
k_UVNotDetect_Volts_u10p6	0			
k_UVNotDetect_ms_u16p0	23398			
target_CustBattDiag_Per1_Batt_Volt_f32.value	12.4792995			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	63554			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	405654528			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	405654528	405654528	✓	
CustBattDiag_OVSet_ms_M_u32p0	4196336896	4196336896	✓	
CustBattDiag_UVClr_ms_M_u32p0	1005597440	1005597440	✓	
CustBattDiag_UVSet_ms_M_u32p0	405654528	405654528	✓	
NTC_Cnt_T_enum	0xE5	0xE5	✓	
Param_Cnt_T_u08	0x00	0x00	✓	
Status_Cnt_T_enum	0x00	0x00	✓	
NTC_Cnt_T_enum	0xE7	0xE7	✓	
Param_Cnt_T_u08	0x01	0x01	✓	
Status_Cnt_T_enum	0x01	0x01	✓	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓









Test Step 2.19 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	1095065344			
CustBattDiag_OVSet_ms_M_u32p0	60142592			
CustBattDiag_UVClr_ms_M_u32p0	1146759680			
CustBattDiag_UVSet_ms_M_u32p0	4294967295			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1408			
k_OVDetect_ms_u16p0	17162			
k_OVNotDetect_Volts_u10p6	1792			

# TEST DETAILS REPORT



Name	Input Value		
k_OVNotDetect_ms_u16p0	13403		
k_UVDetect_Volts_u10p6	832		
k_UVDetect_ms_u16p0	4260		
k_UVNotDetect_Volts_u10p6	1792		
k_UVNotDetect_ms_u16p0	60134		
target_CustBattDiag_Per1_Batt_Volt_f32.value	16.2439995		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3774		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1095065344		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1095065344	1095065344	✔
CustBattDiag_OVSet_ms_M_u32p0	1095065344	1095065344	✔
CustBattDiag_UVClr_ms_M_u32p0	1095065344	1095065344	✔
CustBattDiag_UVSet_ms_M_u32p0	1095065344	1095065344	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.20 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		1342875136		
CustBattDiag_OVSet_ms_M_u32p0		1621993216		
CustBattDiag_UVClr_ms_M_u32p0		1807238400		
CustBattDiag_UVSet_ms_M_u32p0		2909307648		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		768		
k_OVDetect_ms_u16p0		60670		
k_OVNotDetect_Volts_u10p6		576		
k_OVNotDetect_ms_u16p0		52804		
k_UVDetect_Volts_u10p6		1472		
k_UVDetect_ms_u16p0		3026		
k_UVNotDetect_Volts_u10p6		1728		
k_UVNotDetect_ms_u16p0		10562		
target_CustBattDiag_Per1_Batt_Volt_f32.value		28.9820995		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		32376		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1342875136		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		1342875136	1342875136	
CustBattDiag_OVSet_ms_M_u32p0		1621993216	1621993216	
CustBattDiag_UVClr_ms_M_u32p0		1807238400	1807238400	
CustBattDiag_UVSet_ms_M_u32p0		1342875136	1342875136	
NTC_Cnt_T_enum		0xE5	0xE5	
Param_Cnt_T_u08		0x00	0x00	
Status_Cnt_T_enum		0x00	0x00	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.21 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3046560000

# TEST DETAILS REPORT



Name	Input Value		
CustBattDiag_OVSet_ms_M_u32p0	3438398976		
CustBattDiag_UVClr_ms_M_u32p0	0		
CustBattDiag_UVSet_ms_M_u32p0	1942287872		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	640		
k_OVDetect_ms_u16p0	2030		
k_OVNotDetect_Volts_u10p6	1920		
k_OVNotDetect_ms_u16p0	9334		
k_UVDetect_Volts_u10p6	1536		
k_UVDetect_ms_u16p0	38034		
k_UVNotDetect_Volts_u10p6	128		
k_UVNotDetect_ms_u16p0	6042		
target_CustBattDiag_Per1_Batt_Volt_f32.value	11.4841003		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	50630		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3046560000		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3046560000	3046560000	✔
CustBattDiag_OVSet_ms_M_u32p0	3438398976	3438398976	✔
CustBattDiag_UVClr_ms_M_u32p0	0	0	✔
CustBattDiag_UVSet_ms_M_u32p0	3046560000	3046560000	✔
NTC_Cnt_T_enum	0xE5	0xE5	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 2.22 (Repeat Count = 1)				✓
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		1063145472		
CustBattDiag_OVSet_ms_M_u32p0		763451648		
CustBattDiag_UVClr_ms_M_u32p0		4294967295		
CustBattDiag_UVSet_ms_M_u32p0		3618103552		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		1216		
k_OVDetect_ms_u16p0		40124		
k_OVNotDetect_Volts_u10p6		192		
k_OVNotDetect_ms_u16p0		26139		
k_UVDetect_Volts_u10p6		832		
k_UVDetect_ms_u16p0		47982		
k_UVNotDetect_Volts_u10p6		256		
k_UVNotDetect_ms_u16p0		78		
target_CustBattDiag_Per1_Batt_Volt_f32.value		20.3913002		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		7271		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1063145472		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		1063145472	1063145472	✓
CustBattDiag_OVSet_ms_M_u32p0		763451648	763451648	✓
CustBattDiag_UVClr_ms_M_u32p0		4294967295	4294967295	✓
CustBattDiag_UVSet_ms_M_u32p0		1063145472	1063145472	✓
NTC_Cnt_T_enum		0xE5	0xE5	✓
Param_Cnt_T_u08		0x00	0x00	✓
Status_Cnt_T_enum		0x00	0x00	✓

# TEST DETAILS REPORT



T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.23 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	583258880			
CustBattDiag_OVSet_ms_M_u32p0	2344531968			
CustBattDiag_UVClr_ms_M_u32p0	4113644032			
CustBattDiag_UVSet_ms_M_u32p0	829104128			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1984			
k_OVDetect_ms_u16p0	40317			
k_OVNotDetect_Volts_u10p6	576			
k_OVNotDetect_ms_u16p0	50296			
k_UVDetect_Volts_u10p6	256			
k_UVDetect_ms_u16p0	29575			
k_UVNotDetect_Volts_u10p6	448			
k_UVNotDetect_ms_u16p0	6912			
target_CustBattDiag_Per1_Batt_Volt_f32.value	14.7420998			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	49887			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	583258880			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	583258880	583258880	✓	
CustBattDiag_OVSet_ms_M_u32p0	583258880	583258880	✓	
CustBattDiag_UVClr_ms_M_u32p0	4113644032	4113644032	✓	
CustBattDiag_UVSet_ms_M_u32p0	583258880	583258880	✓	
NTC_Cnt_T_enum	0xE5	0xE5	✓	
Param_Cnt_T_u08	0x00	0x00	✓	
Status_Cnt_T_enum	0x00	0x00	✓	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.24 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	3865004544			
CustBattDiag_OVSet_ms_M_u32p0	2705496832			
CustBattDiag_UVClr_ms_M_u32p0	3271465216			
CustBattDiag_UVSet_ms_M_u32p0	1138582272			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1408			
k_OVDetect_ms_u16p0	3510			
k_OVNotDetect_Volts_u10p6	1536			
k_OVNotDetect_ms_u16p0	28540			
k_UVDetect_Volts_u10p6	0			
k_UVDetect_ms_u16p0	0			
k_UVNotDetect_Volts_u10p6	1792			
k_UVNotDetect_ms_u16p0	31877			
target_CustBattDiag_Per1_Batt_Volt_f32.value	27.5352001			

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16484		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3865004544		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3865004544	3865004544	✔
CustBattDiag_OVSet_ms_M_u32p0	2705496832	2705496832	✔
CustBattDiag_UVClr_ms_M_u32p0	3865004544	3865004544	✔
CustBattDiag_UVSet_ms_M_u32p0	3865004544	3865004544	✔
NTC_Cnt_T_enum	0xE7	0xE7	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.25 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	2183718144		
CustBattDiag_OVSet_ms_M_u32p0	3221418496		
CustBattDiag_UVClr_ms_M_u32p0	1346828288		
CustBattDiag_UVSet_ms_M_u32p0	2639436288		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	0		
k_OVDetect_ms_u16p0	21910		
k_OVNotDetect_Volts_u10p6	1344		
k_OVNotDetect_ms_u16p0	35868		
k_UVDetect_Volts_u10p6	1664		
k_UVDetect_ms_u16p0	65535		
k_UVNotDetect_Volts_u10p6	1792		
k_UVNotDetect_ms_u16p0	45857		
target_CustBattDiag_Per1_Batt_Volt_f32.value	13.4319		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	9490		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2183718144		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	2183718144	2183718144	✔
CustBattDiag_OVSet_ms_M_u32p0	3221418496	3221418496	✔
CustBattDiag_UVClr_ms_M_u32p0	2183718144	2183718144	✔
CustBattDiag_UVSet_ms_M_u32p0	2639436288	2639436288	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.26 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	1794642944
CustBattDiag_OVSet_ms_M_u32p0	1977478400
CustBattDiag_UVClr_ms_M_u32p0	3299465984
CustBattDiag_UVSet_ms_M_u32p0	244249856
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag











# TEST DETAILS REPORT



Name	Input Value		
k_OVDetect_Volts_u10p6	1600		
k_OVDetect_ms_u16p0	58449		
k_OVNotDetect_Volts_u10p6	1536		
k_OVNotDetect_ms_u16p0	36152		
k_UVDetect_Volts_u10p6	1920		
k_UVDetect_ms_u16p0	18803		
k_UVNotDetect_Volts_u10p6	512		
k_UVNotDetect_ms_u16p0	44489		
target_CustBattDiag_Per1_Batt_Volt_f32.value	28.4764004		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	20307		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1794642944		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1794642944	1794642944	✔
CustBattDiag_OVSet_ms_M_u32p0	1977478400	1977478400	✔
CustBattDiag_UVClr_ms_M_u32p0	3299465984	3299465984	✔
CustBattDiag_UVSet_ms_M_u32p0	1794642944	1794642944	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.27 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		738625280		
CustBattDiag_OVSet_ms_M_u32p0		2381904896		
CustBattDiag_UVClr_ms_M_u32p0		47002112		
CustBattDiag_UVSet_ms_M_u32p0		2986730496		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		1408		
k_OVDetect_ms_u16p0		29965		
k_OVNotDetect_Volts_u10p6		1920		
k_OVNotDetect_ms_u16p0		29937		
k_UVDetect_Volts_u10p6		1600		
k_UVDetect_ms_u16p0		40623		
k_UVNotDetect_Volts_u10p6		960		
k_UVNotDetect_ms_u16p0		0		
target_CustBattDiag_Per1_Batt_Volt_f32.value		9.45133972		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		30635		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		738625280		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		738625280	738625280	
CustBattDiag_OVSet_ms_M_u32p0		738625280	738625280	
CustBattDiag_UVClr_ms_M_u32p0		738625280	738625280	
CustBattDiag_UVSet_ms_M_u32p0		2986730496	2986730496	
NTC_Cnt_T_enum		0xE7	0xE7	
Param_Cnt_T_u08		0x00	0x00	
Status_Cnt_T_enum		0x00	0x00	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

# TEST DETAILS REPORT



Test Step 2.28 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	1718038016			
CustBattDiag_OVSet_ms_M_u32p0	1218694912			
CustBattDiag_UVClr_ms_M_u32p0	2793352448			
CustBattDiag_UVSet_ms_M_u32p0	2451379968			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	128			
k_OVDetect_ms_u16p0	48150			
k_OVNotDetect_Volts_u10p6	512			
k_OVNotDetect_ms_u16p0	11427			
k_UVDetect_Volts_u10p6	1152			
k_UVDetect_ms_u16p0	10959			
k_UVNotDetect_Volts_u10p6	704			
k_UVNotDetect_ms_u16p0	65535			
target_CustBattDiag_Per1_Batt_Volt_f32.value	20.2637997			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	31057			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1718038016			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	1718038016	1718038016	✓	
CustBattDiag_OVSet_ms_M_u32p0	1218694912	1218694912	✓	
CustBattDiag_UVClr_ms_M_u32p0	2793352448	2793352448	✓	
CustBattDiag_UVSet_ms_M_u32p0	1718038016	1718038016	✓	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.29 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	1856059648			
CustBattDiag_OVSet_ms_M_u32p0	4289680896			
CustBattDiag_UVClr_ms_M_u32p0	286604288			
CustBattDiag_UVSet_ms_M_u32p0	2187558400			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1600			
k_OVDetect_ms_u16p0	60231			
k_OVNotDetect_Volts_u10p6	128			
k_OVNotDetect_ms_u16p0	10488			
k_UVDetect_Volts_u10p6	1728			
k_UVDetect_ms_u16p0	23612			
k_UVNotDetect_Volts_u10p6	256			
k_UVNotDetect_ms_u16p0	14809			
target_CustBattDiag_Per1_Batt_Volt_f32.value	30.4276009			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	46170			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1856059648			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	1856059648	1856059648	✓	
CustBattDiag_OVSet_ms_M_u32p0	4289680896	4289680896	✓	
CustBattDiag_UVClr_ms_M_u32p0	286604288	286604288	✓	
CustBattDiag_UVSet_ms_M_u32p0	1856059648	1856059648	✓	
NTC_Cnt_T_enum	0xE5	0xE5	✓	
Param_Cnt_T_u08	0x00	0x00	✓	
Status_Cnt_T_enum	0x00	0x00	✓	

# TEST DETAILS REPORT



T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.30 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	2682198016			
CustBattDiag_OVSet_ms_M_u32p0	0			
CustBattDiag_UVClr_ms_M_u32p0	2152664832			
CustBattDiag_UVSet_ms_M_u32p0	804014336			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	512			
k_OVDetect_ms_u16p0	32977			
k_OVNotDetect_Volts_u10p6	192			
k_OVNotDetect_ms_u16p0	31158			
k_UVDetect_Volts_u10p6	1984			
k_UVDetect_ms_u16p0	30352			
k_UVNotDetect_Volts_u10p6	1536			
k_UVNotDetect_ms_u16p0	9773			
target_CustBattDiag_Per1_Batt_Volt_f32.value	25.6951008			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	13131			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	2682198016			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	2682198016	2682198016	✓	
CustBattDiag_OVSet_ms_M_u32p0	0	0	✓	
CustBattDiag_UVClr_ms_M_u32p0	2152664832	2152664832	✓	
CustBattDiag_UVSet_ms_M_u32p0	2682198016	2682198016	✓	
NTC_Cnt_T_enum	0xE5	0xE5	✓	
Param_Cnt_T_u08	0x00	0x00	✓	
Status_Cnt_T_enum	0x00	0x00	✓	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.31 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	3730930432			
CustBattDiag_OVSet_ms_M_u32p0	4294967295			
CustBattDiag_UVClr_ms_M_u32p0	363697664			
CustBattDiag_UVSet_ms_M_u32p0	473819136			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	640			
k_OVDetect_ms_u16p0	50910			
k_OVNotDetect_Volts_u10p6	1152			
k_OVNotDetect_ms_u16p0	42568			
k_UVDetect_Volts_u10p6	1280			
k_UVDetect_ms_u16p0	35777			
k_UVNotDetect_Volts_u10p6	960			
k_UVNotDetect_ms_u16p0	6657			

# TEST DETAILS REPORT



Name	Input Value		
target_CustBattDiag_Per1_Batt_Volt_f32.value	14.9279003		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	22100		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3730930432		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3730930432	3730930432	✔
CustBattDiag_OVSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_UVClr_ms_M_u32p0	3730930432	3730930432	✔
CustBattDiag_UVSet_ms_M_u32p0	473819136	473819136	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	✓
ControlTimers	1	ControlTimers	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	✓

## Test Step 2.32 (Repeat Count = 1) ✓

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	2619757056		
CustBattDiag_OVSet_ms_M_u32p0	1361196800		
CustBattDiag_UVClr_ms_M_u32p0	3698196736		
CustBattDiag_UVSet_ms_M_u32p0	679807744		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	896		
k_OVDetect_ms_u16p0	37042		
k_OVNotDetect_Volts_u10p6	1216		
k_OVNotDetect_ms_u16p0	62508		
k_UVDetect_Volts_u10p6	1344		
k_UVDetect_ms_u16p0	53162		
k_UVNotDetect_Volts_u10p6	320		
k_UVNotDetect_ms_u16p0	44450		
target_CustBattDiag_Per1_Batt_Volt_f32.value	19.1861992		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	32163		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2619757056		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	2619757056	2619757056	✔
CustBattDiag_OVSet_ms_M_u32p0	1361196800	1361196800	✔
CustBattDiag_UVClr_ms_M_u32p0	3698196736	3698196736	✔
CustBattDiag_UVSet_ms_M_u32p0	2619757056	2619757056	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	✓
ControlTimers	1	ControlTimers	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	✓

## Test Step 2.33 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	0
CustBattDiag_OVSet_ms_M_u32p0	3229284864
CustBattDiag_UVClr_ms_M_u32p0	1670955008
CustBattDiag_UVSet_ms_M_u32p0	2147197440
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_OVDetect_Volts_u10p6	1920
k_OVDetect_ms_u16p0	20290

# TEST DETAILS REPORT



Name	Input Value		
k_OVNotDetect_Volts_u10p6	1088		
k_OVNotDetect_ms_u16p0	65453		
k_UVDetect_Volts_u10p6	1088		
k_UVDetect_ms_u16p0	27004		
k_UVNotDetect_Volts_u10p6	890		
k_UVNotDetect_ms_u16p0	5482		
target_CustBattDiag_Per1_Batt_Volt_f32.value	21.3533001		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1650		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	653511936		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	653511936	653511936	✔
CustBattDiag_OVSet_ms_M_u32p0	653511936	653511936	✔
CustBattDiag_UVClr_ms_M_u32p0	1670955008	1670955008	✔
CustBattDiag_UVSet_ms_M_u32p0	653511936	653511936	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 2.34 (Repeat Count = 1) ✓

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	4294967295		
CustBattDiag_OVSet_ms_M_u32p0	1050006784		
CustBattDiag_UVClr_ms_M_u32p0	3956572928		
CustBattDiag_UVSet_ms_M_u32p0	884202752		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	0		
k_OVDetect_ms_u16p0	61295		
k_OVNotDetect_Volts_u10p6	832		
k_OVNotDetect_ms_u16p0	44455		
k_UVDetect_Volts_u10p6	832		
k_UVDetect_ms_u16p0	39776		
k_UVNotDetect_Volts_u10p6	1792		
k_UVNotDetect_ms_u16p0	9741		
target_CustBattDiag_Per1_Batt_Volt_f32.value	15.5887003		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	24529		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2855754752		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	2855754752	2855754752	✔
CustBattDiag_OVSet_ms_M_u32p0	1050006784	1050006784	✔
CustBattDiag_UVClr_ms_M_u32p0	2855754752	2855754752	✔
CustBattDiag_UVSet_ms_M_u32p0	2855754752	2855754752	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

## Test Step 2.35 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	1361196800
CustBattDiag_OVSet_ms_M_u32p0	1433486336
CustBattDiag_UVClr_ms_M_u32p0	3924638208
CustBattDiag_UVSet_ms_M_u32p0	1429679104
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

# TEST DETAILS REPORT



Name	Input Value
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_OVDetect_Volts_u10p6	1216
k_OVDetect_ms_u16p0	60245
k_OVNotDetect_Volts_u10p6	1408
k_OVNotDetect_ms_u16p0	8771
k_UVDetect_Volts_u10p6	704
k_UVDetect_ms_u16p0	30624
k_UVNotDetect_Volts_u10p6	320
k_UVNotDetect_ms_u16p0	3120
target_CustBattDiag_Per1_Batt_Volt_f32.value	28.9850998
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	43089
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1701359360
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1701359360	1701359360	✓
CustBattDiag_OVSet_ms_M_u32p0	1433486336	1433486336	✓
CustBattDiag_UVClr_ms_M_u32p0	3924638208	3924638208	✓
CustBattDiag_UVSet_ms_M_u32p0	1701359360	1701359360	✓
NTC_Cnt_T_enum	0xE5	0xE5	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.36 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	1424012800
CustBattDiag_OVSet_ms_M_u32p0	224065280
CustBattDiag_UVClr_ms_M_u32p0	1530860800
CustBattDiag_UVSet_ms_M_u32p0	3886628608
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_OVDetect_Volts_u10p6	704
k_OVDetect_ms_u16p0	0
k_OVNotDetect_Volts_u10p6	832
k_OVNotDetect_ms_u16p0	30923
k_UVDetect_Volts_u10p6	640
k_UVDetect_ms_u16p0	15644
k_UVNotDetect_Volts_u10p6	448
k_UVNotDetect_ms_u16p0	16804
target_CustBattDiag_Per1_Batt_Volt_f32.value	5.55062008
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16639
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1424012800
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1424012800	1424012800	✓
CustBattDiag_OVSet_ms_M_u32p0	1424012800	1424012800	✓
CustBattDiag_UVClr_ms_M_u32p0	1424012800	1424012800	✓
CustBattDiag_UVSet_ms_M_u32p0	3886628608	3886628608	✓
NTC_Cnt_T_enum	0xE5	0xE5	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

# TEST DETAILS REPORT



T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.37 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	1398055168			
CustBattDiag_OVSet_ms_M_u32p0	3760840192			
CustBattDiag_UVClr_ms_M_u32p0	880116736			
CustBattDiag_UVSet_ms_M_u32p0	1147078144			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	768			
k_OVDetect_ms_u16p0	65535			
k_OVNotDetect_Volts_u10p6	64			
k_OVNotDetect_ms_u16p0	51231			
k_UVDetect_Volts_u10p6	1536			
k_UVDetect_ms_u16p0	52723			
k_UVNotDetect_Volts_u10p6	704			
k_UVNotDetect_ms_u16p0	22965			
target_CustBattDiag_Per1_Batt_Volt_f32.value	10.4025002			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53359			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1398055168			
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	1398055168	1398055168	✓	
CustBattDiag_OVSet_ms_M_u32p0	1398055168	1398055168	✓	
CustBattDiag_UVClr_ms_M_u32p0	1398055168	1398055168	✓	
CustBattDiag_UVSet_ms_M_u32p0	1147078144	1147078144	✓	
NTC_Cnt_T_enum	0xE5	0xE5	✓	
Param_Cnt_T_u08	0x01	0x01	✓	
Status_Cnt_T_enum	0x01	0x01	✓	

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.38 (Repeat Count = 1)				
Name	Input Value			
CustBattDiag_OVClr_ms_M_u32p0	1634000896			
CustBattDiag_OVSet_ms_M_u32p0	2820221184			
CustBattDiag_UVClr_ms_M_u32p0	3511564032			
CustBattDiag_UVSet_ms_M_u32p0	572109056			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1088			
k_OVDetect_ms_u16p0	64538			
k_OVNotDetect_Volts_u10p6	896			
k_OVNotDetect_ms_u16p0	37217			
k_UVDetect_Volts_u10p6	128			
k_UVDetect_ms_u16p0	42891			
k_UVNotDetect_Volts_u10p6	128			
k_UVNotDetect_ms_u16p0	38974			
target_CustBattDiag_Per1_Batt_Volt_f32.value	21.7642002			

# TEST DETAILS REPORT



Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1451		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1634000896		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1634000896	1634000896	✓
CustBattDiag_OVSet_ms_M_u32p0	2820221184	2820221184	✓
CustBattDiag_UVClr_ms_M_u32p0	3511564032	3511564032	✓
CustBattDiag_UVSet_ms_M_u32p0	1634000896	1634000896	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.39 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3404735232		
CustBattDiag_OVSet_ms_M_u32p0	4281812992		
CustBattDiag_UVClr_ms_M_u32p0	1901075968		
CustBattDiag_UVSet_ms_M_u32p0	492154880		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1728		
k_OVDetect_ms_u16p0	6676		
k_OVNotDetect_Volts_u10p6	704		
k_OVNotDetect_ms_u16p0	0		
k_UVDetect_Volts_u10p6	384		
k_UVDetect_ms_u16p0	58992		
k_UVNotDetect_Volts_u10p6	192		
k_UVNotDetect_ms_u16p0	14447		
target_CustBattDiag_Per1_Batt_Volt_f32.value	16.2397003		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	60243		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3404735232		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3404735232	3404735232	✔
CustBattDiag_OVSet_ms_M_u32p0	3404735232	3404735232	✔
CustBattDiag_UVClr_ms_M_u32p0	1901075968	1901075968	✔
CustBattDiag_UVSet_ms_M_u32p0	3404735232	3404735232	✔
NTC_Cnt_T_enum	0xE5	0xE5	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.40 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3273284096
CustBattDiag_OVSet_ms_M_u32p0	2635655936
CustBattDiag_UVClr_ms_M_u32p0	1571186944
CustBattDiag_UVSet_ms_M_u32p0	509457152
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag



# TEST DETAILS REPORT



Name	Input Value		
k_OVDetect_Volts_u10p6	448		
k_OVDetect_ms_u16p0	10799		
k_OVNotDetect_Volts_u10p6	960		
k_OVNotDetect_ms_u16p0	65535		
k_UVDetect_Volts_u10p6	1664		
k_UVDetect_ms_u16p0	30396		
k_UVNotDetect_Volts_u10p6	320		
k_UVNotDetect_ms_u16p0	29816		
target_CustBattDiag_Per1_Batt_Volt_f32.value	6.19376993		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	6728		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3273284096		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3273284096	3273284096	✔
CustBattDiag_OVSet_ms_M_u32p0	3273284096	3273284096	✔
CustBattDiag_UVClr_ms_M_u32p0	1571186944	1571186944	✔
CustBattDiag_UVSet_ms_M_u32p0	3273284096	3273284096	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.41 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		1815590144		
CustBattDiag_OVSet_ms_M_u32p0		3384803840		
CustBattDiag_UVClr_ms_M_u32p0		2744092672		
CustBattDiag_UVSet_ms_M_u32p0		856795648		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		128		
k_OVDetect_ms_u16p0		18795		
k_OVNotDetect_Volts_u10p6		0		
k_OVNotDetect_ms_u16p0		38963		
k_UVDetect_Volts_u10p6		896		
k_UVDetect_ms_u16p0		52966		
k_UVNotDetect_Volts_u10p6		576		
k_UVNotDetect_ms_u16p0		55945		
target_CustBattDiag_Per1_Batt_Volt_f32.value		20.0021		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		40356		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1815590144		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		1815590144	1815590144	✓
CustBattDiag_OVSet_ms_M_u32p0		3384803840	3384803840	✓
CustBattDiag_UVClr_ms_M_u32p0		2744092672	2744092672	✓
CustBattDiag_UVSet_ms_M_u32p0		1815590144	1815590144	✓
NTC_Cnt_T_enum		0xE7	0xE7	✓
Param_Cnt_T_u08		0x01	0x01	✓
Status_Cnt_T_enum		0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

# TEST DETAILS REPORT



## Test Case 3: Path Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS3.1 4299 Cycles TS3.2 1138 Cycles TS3.3 615 Cycles TS3.4 7500 Cycles
<b>Description</b>	Vector Description TS3.1"( BattVoltage_Volts_T_u10p6 > k_UVNotDetect_Volts_u10p6 ) ==>False ( BattVoltage_Volts_T_u10p6 < k_UVDetect_Volts_u10p6 ) ==>False E5TestStatus_Cnt_T_u08 = D_INDEADBAND_CNT_U08  (BattVoltage_Volts_T_u10p6 > k_OVDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 < k_OVNotDetect_Volts_u10p6 ) ==>False E7TestStatus_Cnt_T_u08 = D_INDEADBAND_CNT_U08" TS3.2"( BattVoltage_Volts_T_u10p6 > k_UVNotDetect_Volts_u10p6 ) ==>False ( BattVoltage_Volts_T_u10p6 < k_UVDetect_Volts_u10p6 )==>True E5TestStatus_Cnt_T_u08 = D_TESTFAILED_CNT_U08  (BattVoltage_Volts_T_u10p6 > k_OVDetect_Volts_u10p6 ) ==>True E7TestStatus_Cnt_T_u08 = D_TESTFAILED_CNT_U08" TS3.3"( BattVoltage_Volts_T_u10p6 > k_UVNotDetect_Volts_u10p6 )==>True E5TestStatus_Cnt_T_u08 = D_TESTPASSED_CNT_U08;  ( BattVoltage_Volts_T_u10p6 > k_OVDetect_Volts_u10p6 )==>true E7TestStatus_Cnt_T_u08 = D_TESTFAILED_CNT_U08;" TS3.4"( BattVoltage_Volts_T_u10p6 > k_UVNotDetect_Volts_u10p6 )==>true E5TestStatus_Cnt_T_u08 = D_TESTPASSED_CNT_U08  ( BattVoltage_Volts_T_u10p6 > k_OVDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 < k_OVNotDetect_Volts_u10p6 )==>True E7TestStatus_Cnt_T_u08 = D_TESTPASSED_CNT_U08"

## Test Step 3.1 (Repeat Count = 1)

Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	4294967295		
CustBattDiag_OVSet_ms_M_u32p0	4294967295		
CustBattDiag_UVClr_ms_M_u32p0	4294967295		
CustBattDiag_UVSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1984		
k_OVDetect_ms_u16p0	65535		
k_OVNotDetect_Volts_u10p6	1984		
k_OVNotDetect_ms_u16p0	65535		
k_UVDetect_Volts_u10p6	1984		
k_UVDetect_ms_u16p0	65535		
k_UVNotDetect_Volts_u10p6	1984		
k_UVNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per1_Batt_Volt_f32.value	31		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_OVSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_UVClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_UVSet_ms_M_u32p0	4294967295	4294967295	✔

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 3.2 (Repeat Count = 1)

Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	354815744
CustBattDiag_OVSet_ms_M_u32p0	2173576192
CustBattDiag_UVClr_ms_M_u32p0	2700810752
CustBattDiag_UVSet_ms_M_u32p0	2251295744

# TEST DETAILS REPORT



Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	256		
k_OVDetect_ms_u16p0	36692		
k_OVNotDetect_Volts_u10p6	1728		
k_OVNotDetect_ms_u16p0	12519		
k_UVDetect_Volts_u10p6	960		
k_UVDetect_ms_u16p0	10427		
k_UVNotDetect_Volts_u10p6	1280		
k_UVNotDetect_ms_u16p0	14992		
target_CustBattDiag_Per1_Batt_Volt_f32.value	5		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5519		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	354815744		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	354815744	354815744	✔
CustBattDiag_OVSet_ms_M_u32p0	2173576192	2173576192	✔
CustBattDiag_UVClr_ms_M_u32p0	354815744	354815744	✔
CustBattDiag_UVSet_ms_M_u32p0	2251295744	2251295744	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

Test Step 3.3 (Repeat Count = 1)				✓
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		1932039680		
CustBattDiag_OVSet_ms_M_u32p0		2491700992		
CustBattDiag_UVClr_ms_M_u32p0		1167422720		
CustBattDiag_UVSet_ms_M_u32p0		3493764864		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		1408		
k_OVDetect_ms_u16p0		14818		
k_OVNotDetect_Volts_u10p6		1344		
k_OVNotDetect_ms_u16p0		13408		
k_UVDetect_Volts_u10p6		1920		
k_UVDetect_ms_u16p0		44364		
k_UVNotDetect_Volts_u10p6		1472		
k_UVNotDetect_ms_u16p0		36356		
target_CustBattDiag_Per1_Batt_Volt_f32.value		31		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		27332		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1932039680		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_OVClr_ms_M_u32p0	1932039680	1932039680	✓	
CustBattDiag_OVSet_ms_M_u32p0	2491700992	2491700992	✓	
CustBattDiag_UVClr_ms_M_u32p0	1167422720	1167422720	✓	
CustBattDiag_UVSet_ms_M_u32p0	1932039680	1932039680	✓	
NTC_Cnt_T_enum	0xE7	0xE7	✓	
Param_Cnt_T_u08	0x01	0x01	✓	
Status_Cnt_T_enum	0x01	0x01	✓	

T					✓
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

# TEST DETAILS REPORT



Test Step 3.4 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_OVClr_ms_M_u32p0		1878851840		
CustBattDiag_OVSet_ms_M_u32p0		674086400		
CustBattDiag_UVClr_ms_M_u32p0		1190290432		
CustBattDiag_UVSet_ms_M_u32p0		404678144		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6		1024		
k_OVDetect_ms_u16p0		35843		
k_OVNotDetect_Volts_u10p6		1984		
k_OVNotDetect_ms_u16p0		57057		
k_UVDetect_Volts_u10p6		1856		
k_UVDetect_ms_u16p0		62181		
k_UVNotDetect_Volts_u10p6		192		
k_UVNotDetect_ms_u16p0		60948		
target_CustBattDiag_Per1_Batt_Volt_f32.value		13		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		65185		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1878851840		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32		target_CustBattDiag_Per1_Batt_Volt_f32		
Name		Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0		1878851840	1878851840	✓
CustBattDiag_OVSet_ms_M_u32p0		1878851840	1878851840	✓
CustBattDiag_UVClr_ms_M_u32p0		1190290432	1190290432	✓
CustBattDiag_UVSet_ms_M_u32p0		1878851840	1878851840	✓
NTC_Cnt_T_enum		0xE5	0xE5	✓
Param_Cnt_T_u08		0x00	0x00	✓
Status_Cnt_T_enum		0x00	0x00	✓
NTC_Cnt_T_enum		0xE7	0xE7	✓
Param_Cnt_T_u08		0x00	0x00	✓
Status_Cnt_T_enum		0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

# TEST DETAILS REPORT

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ControlTimers



Project	CustBattDiag
Module	Ap_CustBattDiag
Test Object	ControlTimers

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

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

## Comments/Description/Specification

Name	Text
Module 'Ap_CustBattDiag'	*****UNI TEST DESCRIPTION*****  Name of Tester:Bharat Zanwar Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:2 Module Design Document:CustomerBattDiagnostic_MDD.doc Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:1 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):1374 Total RAM Used (Bytes):72 Total CALS Used (Bytes):84 Special Test Requirements: Test Date:04/21/2015 Comments:"Note1:The map file"CBD_Sandbox_dbg.map"" is embedded for reference. " *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\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 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

# TEST DETAILS REPORT

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ControlTimers



Attributes	
Name	Value
Timer Unit	Cycles
UDE Config File	\${PROJECTROOT}\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PSA_CustBattDiag\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP

# TEST DETAILS REPORT

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ControlTimers

## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS1.1 297 Cycles TS1.2 819 Cycles
<b>Description</b>	Vector Description TS1.1"Shortest Execution Path=>(CompareType_T_u08 == D_INDEADBAND_CNT_U08) =>True" TS1.2"Longest Execution Path=>( CompareType_T_u08 == D_INDEADBAND_CNT_U08 ) =>False ( CompareType_T_u08 == D_TESTPASSED_CNT_U08 ) =>False ( ElapsedTime_T_u16p0 > SetTimer_ms_T_u16p0 ) =>True"

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

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	51412		
CompareType_T_u08	2		
NTCNum_T_u16	20		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	29088		
target_ClrTimer_T_ptr	2770825472		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3869		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1394996992		
target_SetTimer_T_ptr	3541564160		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	1394996992	1394996992	✔
target_SetTimer_T_ptr	1394996992	1394996992	✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

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

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	3294		
CompareType_T_u08	3		
NTCNum_T_u16	30		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	20		
target_ClrTimer_T_ptr	49612		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1394996992		
target_SetTimer_T_ptr	3541564160		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	30	30	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
target_ClrTimer_T_ptr	1394996992	1394996992	✔
target_SetTimer_T_ptr	3541564160	3541564160	✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

# TEST DETAILS REPORT

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ControlTimers



## Test Case 2: Boundary Test

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

TS2.1 564 Cycles  
TS2.2 564 Cycles  
TS2.3 563 Cycles  
TS2.4 297 Cycles  
TS2.5 564 Cycles  
TS2.6 297 Cycles  
TS2.7 564 Cycles  
TS2.8 819 Cycles  
TS2.9 564 Cycles  
TS2.10 819 Cycles  
TS2.11 818 Cycles  
TS2.12 564 Cycles  
TS2.13 564 Cycles  
TS2.14 564 Cycles  
TS2.15 564 Cycles  
TS2.16 297 Cycles  
TS2.17 297 Cycles  
TS2.18 819 Cycles  
TS2.19 562 Cycles  
TS2.20 297 Cycles  
TS2.21 297 Cycles  
TS2.22 297 Cycles  
TS2.23 819 Cycles  
TS2.24 297 Cycles  
TS2.25 297 Cycles  
TS2.26 297 Cycles

**Description** Vector Description

TS2.1All Min  
TS2.2All Max  
TS2.3CompareType\_T\_u08==>Min  
TS2.4CompareType\_T\_u08==>Max  
TS2.5CompareType\_T\_u08==>Pos  
TS2.6SetTimer\_ms\_T\_u16p0==>Min  
TS2.7SetTimer\_ms\_T\_u16p0==>Max  
TS2.8SetTimer\_ms\_T\_u16p0==>Pos  
TS2.9ClrTimer\_ms\_T\_u16p0==>Min  
TS2.10ClrTimer\_ms\_T\_u16p0==>Max  
TS2.11ClrTimer\_ms\_T\_u16p0==>Pos  
TS2.12NTCNum\_T\_u16==>Min  
TS2.13NTCNum\_T\_u16==>Max  
TS2.14NTCNum\_T\_u16==>Pos  
TS2.15SetTimer\_T\_ptr==>Min  
TS2.16SetTimer\_T\_ptr==>Max  
TS2.17SetTimer\_T\_ptr==>Pos  
TS2.18ClrTimer\_T\_ptr==>Min  
TS2.19ClrTimer\_T\_ptr==>Max  
TS2.20ClrTimer\_T\_ptr==>Pos  
TS2.21Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32==>Min  
TS2.22Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32==>Max  
TS2.23Rte\_Call\_SystemTime\_GetSystemTime\_mS\_u32==>Pos  
TS2.24Rte\_Call\_SystemTime\_DtrmnElapsedTime\_mS\_u16==>Min  
TS2.25Rte\_Call\_SystemTime\_DtrmnElapsedTime\_mS\_u16==>Max  
TS2.26Rte\_Call\_SystemTime\_DtrmnElapsedTime\_mS\_u16==>Pos

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

Name		Input Value		
ClrTimer_T_ptr		target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0		0		
CompareType_T_u08		0		
NTCNum_T_u16		0		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr		target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0		0		
target_ClrTimer_T_ptr		0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		0		
target_SetTimer_T_ptr		0		
Name		Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		0	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		0	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		0	*none*	✓
target_ClrTimer_T_ptr		0	0	✓
target_SetTimer_T_ptr		0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓



# TEST DETAILS REPORT

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Test Step 2.2 (Repeat Count = 1)				✓
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	65535			
CompareType_T_u08	15			
NTCNum_T_u16	255			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	65535			
target_ClrTimer_T_ptr	4294967295			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295			
target_SetTimer_T_ptr	4294967295			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*		✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*		✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*		✓
target_ClrTimer_T_ptr	4294967295	4294967295		✓
target_SetTimer_T_ptr	4294967295	4294967295		✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1		✓

Test Step 2.3 (Repeat Count = 1)				✓
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	51412			
CompareType_T_u08	1			
NTCNum_T_u16	20			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	29088			
target_ClrTimer_T_ptr	2770825472			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3869			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1394996992			
target_SetTimer_T_ptr	3541564160			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*		✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*		✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*		✓
target_ClrTimer_T_ptr	2770825472	2770825472		✓
target_SetTimer_T_ptr	1394996992	1394996992		✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1		✓

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## Test Step 2.4 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	3294		
CompareType_T_u08	2		
NTCNum_T_u16	30		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	17887		
target_ClrTimer_T_ptr	4213993472		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	9915		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4207468032		
target_SetTimer_T_ptr	3087192576		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	4207468032	4207468032	✔
target_SetTimer_T_ptr	4207468032	4207468032	✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.5 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	33948		
CompareType_T_u08	3		
NTCNum_T_u16	40		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	57183		
target_ClrTimer_T_ptr	1339650816		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	20699		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2486970624		
target_SetTimer_T_ptr	3848162560		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	2486970624	2486970624	✔
target_SetTimer_T_ptr	3848162560	3848162560	✔

Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

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## Test Step 2.6 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	49612		
CompareType_T_u08	2		
NTCNum_T_u16	50		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	0		
target_ClrTimer_T_ptr	1033792000		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	28550		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2261665792		
target_SetTimer_T_ptr	955767808		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	2261665792	2261665792	✔
target_SetTimer_T_ptr	2261665792	2261665792	✔

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.7 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	52472		
CompareType_T_u08	5		
NTCNum_T_u16	60		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	65535		
target_ClrTimer_T_ptr	3773531392		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	27745		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	575924992		
target_SetTimer_T_ptr	1529294592		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	575924992	575924992	✔
target_SetTimer_T_ptr	1529294592	1529294592	✔

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.8 (Repeat Count = 1)				✓
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	21312			
CompareType_T_u08	4			
NTCNum_T_u16	70			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	10044			
target_ClrTimer_T_ptr	556807168			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56125			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3859743232			
target_SetTimer_T_ptr	2376414720			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	70	70	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	
target_ClrTimer_T_ptr	3859743232	3859743232	✓	
target_SetTimer_T_ptr	2376414720	2376414720	✓	

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 2.9 (Repeat Count = 1)				✓
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	0			
CompareType_T_u08	6			
NTCNum_T_u16	80			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	16818			
target_ClrTimer_T_ptr	2447255296			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3687			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	133807360			
target_SetTimer_T_ptr	1527193856			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	70	*none*	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✓	
target_ClrTimer_T_ptr	133807360	133807360	✓	
target_SetTimer_T_ptr	1527193856	1527193856	✓	

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

Test Step 2.10 (Repeat Count = 1)				✓
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	65535			
CompareType_T_u08	8			
NTCNum_T_u16	90			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	5891			
target_ClrTimer_T_ptr	2606779904			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	58804			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3404041216			

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Name	Input Value		
target_SetTimer_T_ptr	877486080		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	90	90	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
target_ClrTimer_T_ptr	3404041216	3404041216	✔
target_SetTimer_T_ptr	877486080	877486080	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.11 (Repeat Count = 1)				
Name		Input Value		
ClrTimer_T_ptr		target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0		51986		
CompareType_T_u08		7		
NTCNum_T_u16		100		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr		target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0		2028		
target_ClrTimer_T_ptr		2620774656		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		15720		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		3088981760		
target_SetTimer_T_ptr		2486608640		
Name		Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		100	100	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		1	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		1	1	✓
target_ClrTimer_T_ptr		3088981760	3088981760	✓
target_SetTimer_T_ptr		2486608640	2486608640	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.12 (Repeat Count = 1)				
Name		Input Value		
ClrTimer_T_ptr		target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0		59318		
CompareType_T_u08		9		
NTCNum_T_u16		0		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr		target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0		21149		
target_ClrTimer_T_ptr		2980132864		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		3447		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1048602112		
target_SetTimer_T_ptr		2705775104		
Name		Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		100	*none*	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		1	*none*	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		1	*none*	
target_ClrTimer_T_ptr		1048602112	1048602112	
target_SetTimer_T_ptr		2705775104	2705775104	

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T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.13 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	57395		
CompareType_T_u08	10		
NTCNum_T_u16	255		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	51781		
target_ClrTimer_T_ptr	3650820864		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	51143		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4046819584		
target_SetTimer_T_ptr	598881536		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔
target_ClrTimer_T_ptr	4046819584	4046819584	✔
target_SetTimer_T_ptr	598881536	598881536	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	27305		
CompareType_T_u08	11		
NTCNum_T_u16	100		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	19481		
target_ClrTimer_T_ptr	419000832		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	2405		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2005012480		
target_SetTimer_T_ptr	261891072		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔
target_ClrTimer_T_ptr	2005012480	2005012480	✔
target_SetTimer_T_ptr	261891072	261891072	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value
ClrTimer_T_ptr	target_ClrTimer_T_ptr
ClrTimer_ms_T_u16p0	8066
CompareType_T_u08	12
NTCNum_T_u16	160

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Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	15419		
target_ClrTimer_T_ptr	1694133504		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	8934		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3109589760		
target_SetTimer_T_ptr	0		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔
target_ClrTimer_T_ptr	3109589760	3109589760	✔
target_SetTimer_T_ptr	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.16 (Repeat Count = 1) ✓

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	62531		
CompareType_T_u08	2		
NTCNum_T_u16	165		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	31488		
target_ClrTimer_T_ptr	3533929472		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	43855		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1705052672		
target_SetTimer_T_ptr	4294967295		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔
target_ClrTimer_T_ptr	1705052672	1705052672	✔
target_SetTimer_T_ptr	1705052672	1705052672	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.17 (Repeat Count = 1) ✓

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	52251		
CompareType_T_u08	2		
NTCNum_T_u16	170		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	16685		
target_ClrTimer_T_ptr	1151618816		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	17231		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	996386048		
target_SetTimer_T_ptr	2335893248		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔
target_ClrTimer_T_ptr	996386048	996386048	✔
target_SetTimer_T_ptr	996386048	996386048	✔

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T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.18 (Repeat Count = 1)

Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	45631			
CompareType_T_u08	3			
NTCNum_T_u16	178			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	22321			
target_ClrTimer_T_ptr	0			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	55197			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2588398592			
target_SetTimer_T_ptr	1825056768			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	178	178	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✓	
target_ClrTimer_T_ptr	2588398592	2588398592	✓	
target_SetTimer_T_ptr	1825056768	1825056768	✓	

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.19 (Repeat Count = 1)

Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	26319			
CompareType_T_u08	1			
NTCNum_T_u16	179			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	2944			
target_ClrTimer_T_ptr	4294967295			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13773			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2367112960			
target_SetTimer_T_ptr	803621632			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	178	*none*	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✓	
target_ClrTimer_T_ptr	4294967295	4294967295	✓	
target_SetTimer_T_ptr	2367112960	2367112960	✓	

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.20 (Repeat Count = 1)

Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	1068			
CompareType_T_u08	2			
NTCNum_T_u16	180			



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Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	31616		
target_ClrTimer_T_ptr	306843136		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	14825		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1983180288		
target_SetTimer_T_ptr	2128077312		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	178	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	✔
target_ClrTimer_T_ptr	1983180288	1983180288	✔
target_SetTimer_T_ptr	1983180288	1983180288	✔

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.21 (Repeat Count = 1)				
Name		Input Value		
ClrTimer_T_ptr		target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0		10994		
CompareType_T_u08		2		
NTCNum_T_u16		178		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr		target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0		13501		
target_ClrTimer_T_ptr		1858978560		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		33171		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		0		
target_SetTimer_T_ptr		4179565824		
Name		Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		178	*none*	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		1	*none*	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		1	*none*	
target_ClrTimer_T_ptr		0	0	
target_SetTimer_T_ptr		0	0	

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.22 (Repeat Count = 1)				
Name		Input Value		
ClrTimer_T_ptr		target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0		10763		
CompareType_T_u08		2		
NTCNum_T_u16		189		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr		target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0		56658		
target_ClrTimer_T_ptr		3590420992		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		40609		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		4294967295		
target_SetTimer_T_ptr		3304418304		
Name		Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		178	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		1	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		1	*none*	✓
target_ClrTimer_T_ptr		4294967295	4294967295	✓
target_SetTimer T_ptr		4294967295	4294967295	✓

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T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.23 (Repeat Count = 1)

Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	33405			
CompareType_T_u08	1			
NTCNum_T_u16	195			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	38576			
target_ClrTimer_T_ptr	939676928			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	39763			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	242784512			
target_SetTimer_T_ptr	1634631424			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	195	195	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	0	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✓	
target_ClrTimer_T_ptr	939676928	939676928	✓	
target_SetTimer_T_ptr	242784512	242784512	✓	

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.24 (Repeat Count = 1)

Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	26611			
CompareType_T_u08	2			
NTCNum_T_u16	199			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	49473			
target_ClrTimer_T_ptr	3140207616			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	675287552			
target_SetTimer_T_ptr	2081375744			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	195	*none*	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✓	
target_ClrTimer_T_ptr	675287552	675287552	✓	
target_SetTimer_T_ptr	675287552	675287552	✓	

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.25 (Repeat Count = 1)

Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	6955			
CompareType_T_u08	2			
NTCNum_T_u16	201			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			

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Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	60809		
target_ClrTimer_T_ptr	3861608192		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	430345472		
target_SetTimer_T_ptr	2349396224		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	195	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	430345472	430345472	✔
target_SetTimer_T_ptr	430345472	430345472	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.26 (Repeat Count = 1)				✓
Name		Input Value		
ClrTimer_T_ptr		target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0		18096		
CompareType_T_u08		2		
NTCNum_T_u16		202		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr		target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0		21693		
target_ClrTimer_T_ptr		934829568		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		54744		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		220142592		
target_SetTimer_T_ptr		2894589952		
Name		Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)		195	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)		0	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)		0	*none*	✓
target_ClrTimer_T_ptr		220142592	220142592	✓
target_SetTimer_T_ptr		220142592	220142592	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Case 3: Path Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS3.1 564 Cycles TS3.2 297 Cycles TS3.3 819 Cycles TS3.4 820 Cycles TS3.5 562 Cycles
<b>Description</b>	Vector Description  TS3.1"( CompareType_T_u08 == D_INDEADBAND_CNT_U08 )==>False ( CompareType_T_u08 == D_TESTPASSED_CNT_U08 )==>False ( ElapsedTime_T_u16p0 > ClrTimer_ms_T_u16p0 )==>FALSE ( ElapsedTime_T_u16p0 > SetTimer_ms_T_u16p0 )==>False" TS3.2"( CompareType_T_u08 == D_INDEADBAND_CNT_U08 ) ==>False ( CompareType_T_u08 == D_TESTPASSED_CNT_U08 )==>True ( ElapsedTime_T_u16p0 > ClrTimer_ms_T_u16p0 )==>False " TS3.3"( CompareType_T_u08 == D_INDEADBAND_CNT_U08 )==>False ( CompareType_T_u08 == D_TESTPASSED_CNT_U08 )==>False ( ElapsedTime_T_u16p0 > ClrTimer_ms_T_u16p0 )==>True Rte_Call_NxtrDiagMgr_SetNTCStatus(NTCNum_T_u16, 0x1U, NTC_STATUS_FAILED)" TS3.4"( CompareType_T_u08 == D_INDEADBAND_CNT_U08 )==>False ( CompareType_T_u08 == D_TESTPASSED_CNT_U08 )==>True ( ElapsedTime_T_u16p0 > ClrTimer_ms_T_u16p0 )==>True Rte_Call_NxtrDiagMgr_SetNTCStatus(NTCNum_T_u16, 0x0U, NTC_STATUS_PASSED) " TS3.5"( CompareType_T_u08 == D_INDEADBAND_CNT_U08 )==>False ( CompareType_T_u08 == D_TESTPASSED_CNT_U08 )==>True"

## Test Step 3.1 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	0		
CompareType_T_u08	0		
NTCNum_T_u16	0		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	0		
target_ClrTimer_T_ptr	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0		
target_SetTimer_T_ptr	0		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	0	0	✔
target_SetTimer_T_ptr	0	0	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 3.2 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	3294		
CompareType_T_u08	2		
NTCNum_T_u16	30		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	17887		
target_ClrTimer_T_ptr	4213993472		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	9915		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4207468032		
target_SetTimer_T_ptr	3087192576		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✓

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Name	Actual Value	Expected Value	Result
target_ClrTimer_T_ptr	4207468032	4207468032	✓
target_SetTimer_T_ptr	4207468032	4207468032	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 3.3 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	21312		
CompareType_T_u08	4		
NTCNum_T_u16	70		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	10044		
target_ClrTimer_T_ptr	556807168		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56125		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3859743232		
target_SetTimer_T_ptr	2376414720		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	70	70	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	✔
target_ClrTimer_T_ptr	3859743232	3859743232	✔
target_SetTimer_T_ptr	2376414720	2376414720	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 3.4 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	33405		
CompareType_T_u08	1		
NTCNum_T_u16	195		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	38576		
target_ClrTimer_T_ptr	939676928		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	39763		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	242784512		
target_SetTimer_T_ptr	1634631424		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	195	195	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	0	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	0	✔
target_ClrTimer_T_ptr	939676928	939676928	✔
target_SetTimer_T_ptr	242784512	242784512	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

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## Test Step 3.5 (Repeat Count = 1)

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	51412		
CompareType_T_u08	1		
NTCNum_T_u16	20		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	29088		
target_ClrTimer_T_ptr	2770825472		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3869		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1394996992		
target_SetTimer_T_ptr	3541564160		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	195	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	✔
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	✔
target_ClrTimer_T_ptr	2770825472	2770825472	✔
target_SetTimer_T_ptr	1394996992	1394996992	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

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CustBattDiag\_Per2

Project	CustBattDiag
Module	Ap_CustBattDiag
Test Object	CustBattDiag_Per2

## Instrumentation: Test Object Only

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

## Statistics

Total Testcases	3
Successful	3 ✓
Failed	0
Not Executed	0

## Module Properties

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

## Comments/Description/Specification

Name	Text
Module 'Ap_CustBattDiag'	*****UNI TEST DESCRIPTION*****  Name of Tester:Bharat Zanwar Code File(s) Under Test:Ap_CustBattDiag.c Code File(s) Version:2 Module Design Document:CustomerBattDiagnostic_MDD.doc Module Design Document Version:2 Data Dictionary Version:2 Unit Test Plan Version:1 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):1374 Total RAM Used (Bytes):72 Total CALS Used (Bytes):84 Special Test Requirements: Test Date:04/21/2015 Comments:"Note1:The map file""CBD_Sandbox_dbg.map"" is embedded for reference." *****

## Attributes

Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\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 3.2
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1

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CustBattDiag\_Per2



Attributes	
Name	Value
Timer Unit	Cycles
UDE Config File	\${PROJECTROOT}\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\PSA_CustBattDiag\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



## Test Case 1: Metrics Test

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  1.1 802 Cycles 1.2 5570 Cycles
Description	Vector Description TS1.1"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)    (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)    ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) && (EpsEn_Cnt_T_lgc == TRUE) ) )==>False" TS1.2"Longest execution path (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True ( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>True ElapsedTime_T_u16p0 > k_LOIDetect_ms_u16p0 )==>False (EpsEn_Cnt_T_lgc == FALSE) && ( (EngOn_Cnt_T_lgc == TRUE)    (E8VehSpdHi_Cnt_T_lgc == TRUE) ) )==>False ( EpsEn_Cnt_T_lgc == TRUE )==>True ( ElapsedTime_T_u16p0 > k_LOINotDetect_ms_u16p0 )==>True ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)    (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)    ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) && (EpsEn_Cnt_T_lgc == TRUE) ) )==>True ( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 < k_LVLSDetect_Volts_u10p6 ) && ( VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32 )==>False ( BattVoltage_Volts_T_u10p6 > k_LVHSCNotDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 < k_LVHSCDetect_Volts_u10p6 ) && ( (VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32)    ( (VehSpdValid_Cnt_T_lgc == FALSE) && (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ) ) )==>False ( BattVoltage_Volts_T_u10p6 > k_LVSMNotDetect_Volts_u10p6 )==>False ( BattVoltage_Volts_T_u10p6 < k_LVSMDetect_Volts_u10p6 )==>False ( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08)    (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08)    (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08)    (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08)    (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False ( (StdSelcted_Cnt_T_lgc == FALSE) && (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>True ( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08)    (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08)    (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08)    (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>False"

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	0
CustBattDiag_LOISet_ms_M_u32p0	0
CustBattDiag_LVCClr_ms_M_u32p0	0
CustBattDiag_LVCSet_ms_M_u32p0	0
CustBattDiag_LVHSCClr_ms_M_u32p0	0
CustBattDiag_LVHSCSet_ms_M_u32p0	0
CustBattDiag_LVHSClr_ms_M_u32p0	0
CustBattDiag_LVHSSet_ms_M_u32p0	0
CustBattDiag_LVLSCClr_ms_M_u32p0	0
CustBattDiag_LVLSSet_ms_M_u32p0	0
CustBattDiag_LVLSClr_ms_M_u32p0	0
CustBattDiag_LVLSSet_ms_M_u32p0	0
CustBattDiag_LVSMClr_ms_M_u32p0	0
CustBattDiag_LVSMSet_ms_M_u32p0	0
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	0
k_CustBattDiaghispd_kph_f32	0
k_CustBattDiaglospd_kph_f32	0
k_LOIDetect_ms_u16p0	0
k_LOINotDetect_ms_u16p0	0
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	0
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	0
k_LVHSCDetect_Volts_u10p6	0
k_LVHSCDetect_ms_u16p0	0
k_LVHSCNotDetect_Volts_u10p6	0

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CustBattDiag\_Per2

Name	Input Value		
k_LVHSCNotDetect_ms_u16p0	0		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	0		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_ms_u16p0	0		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	0		
k_LVLSCNotDetect_Volts_u10p6	0		
k_LVLSCNotDetect_ms_u16p0	0		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	0		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	0		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	0		
k_LVSMNotDetect_Volts_u10p6	0		
k_LVSMNotDetect_ms_u16p0	0		
target_CustBattDiag_Per2_Batt_Volt_f32.value	5		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	0	0	✓
CustBattDiag_LOISet_ms_M_u32p0	0	0	✓
CustBattDiag_LVCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMSet_ms_M_u32p0	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2155177472
CustBattDiag_LOISet_ms_M_u32p0	2346596352
CustBattDiag_LVCClr_ms_M_u32p0	2597762560
CustBattDiag_LVCSet_ms_M_u32p0	504629248
CustBattDiag_LVHSCClr_ms_M_u32p0	1863047680
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712
CustBattDiag_LVHSClr_ms_M_u32p0	2155177472
CustBattDiag_LVHSCSet_ms_M_u32p0	2346596352
CustBattDiag_LVLSCClr_ms_M_u32p0	105614848
CustBattDiag_LVLSCSet_ms_M_u32p0	3262816256
CustBattDiag_LVLSClr_ms_M_u32p0	2954113536
CustBattDiag_LVLSSet_ms_M_u32p0	543482880
CustBattDiag_LVSMClr_ms_M_u32p0	3119022592
CustBattDiag_LVSMSet_ms_M_u32p0	2449847296

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Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	320.638763		
k_CustBattDiaghispd_kph_f32	292.821899		
k_CustBattDiaglospd_kph_f32	408.871185		
k_LOIDetect_ms_u16p0	59676		
k_LOINotDetect_ms_u16p0	50000		
k_LVCDetect_Volts_u10p6	256		
k_LVCDetect_ms_u16p0	6926		
k_LVCNotDetect_Volts_u10p6	1664		
k_LVCNotDetect_ms_u16p0	25334		
k_LVHSCDetect_Volts_u10p6	256		
k_LVHSCDetect_ms_u16p0	3146		
k_LVHSCNotDetect_Volts_u10p6	1664		
k_LVHSCNotDetect_ms_u16p0	12982		
k_LVHSDetect_Volts_u10p6	256		
k_LVHSDetect_ms_u16p0	28349		
k_LVHSNotDetect_Volts_u10p6	1664		
k_LVHSNotDetect_ms_u16p0	5772		
k_LVLSCDetect_Volts_u10p6	256		
k_LVLSCDetect_ms_u16p0	18681		
k_LVLSCNotDetect_Volts_u10p6	1664		
k_LVLSCNotDetect_ms_u16p0	19274		
k_LVLSDetect_Volts_u10p6	256		
k_LVLSDetect_ms_u16p0	3290		
k_LVLSNotDetect_Volts_u10p6	1664		
k_LVLSNotDetect_ms_u16p0	61904		
k_LVSMDetect_Volts_u10p6	256		
k_LVSMDetect_ms_u16p0	59720		
k_LVSMNotDetect_Volts_u10p6	1664		
k_LVSMNotDetect_ms_u16p0	4124		
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.74556828		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53879		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3904126464		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LOISet_ms_M_u32p0	2346596352	2346596352	✔
CustBattDiag_LVCClr_ms_M_u32p0	2597762560	2597762560	✔
CustBattDiag_LVCSet_ms_M_u32p0	504629248	504629248	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2155177472	2155177472	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2346596352	2346596352	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2954113536	2954113536	✔
CustBattDiag_LVLSSet_ms_M_u32p0	543482880	543482880	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3904126464	3904126464	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

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T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1		✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2		✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1		✓
ControlTimers	1	ControlTimers	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1		✓
ControlTimers	1	ControlTimers	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1		✓
ControlTimers	1	ControlTimers	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1		✓

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CustBattDiag\_Per2



## Test Case 2: Boundary Test



# TEST DETAILS REPORT

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CustBattDiag\_Per2

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:
	TS2.1 807 Cycles
	TS2.2 805 Cycles
	TS2.3 804 Cycles
	TS2.4 804 Cycles
	TS2.5 804 Cycles
	TS2.6 804 Cycles
	TS2.7 5605 Cycles
	TS2.8 5022 Cycles
	TS2.9 1523 Cycles
	TS2.10 803 Cycles
	TS2.11 803 Cycles
	TS2.12 5320 Cycles
	TS2.13 5324 Cycles
	TS2.14 5624 Cycles
	TS2.15 803 Cycles
	TS2.16 803 Cycles
	TS2.17 804 Cycles
	TS2.18 802 Cycles
	TS2.19 802 Cycles
	TS2.20 1813 Cycles
	TS2.21 805 Cycles
	TS2.22 803 Cycles
	TS2.23 1521 Cycles
	TS2.24 802 Cycles
	TS2.25 802 Cycles
	TS2.26 802 Cycles
	TS2.27 802 Cycles
	TS2.28 5595 Cycles
	TS2.29 5307 Cycles
	TS2.30 807 Cycles
	TS2.31 805 Cycles
	TS2.32 1510 Cycles
	TS2.33 804 Cycles
	TS2.34 802 Cycles
	TS2.35 802 Cycles
	TS2.36 802 Cycles
	TS2.37 8536 Cycles
	TS2.38 5027 Cycles
	TS2.39 5033 Cycles
	TS2.40 5034 Cycles
	TS2.41 805 Cycles
	TS2.42 805 Cycles
	TS2.43 5589 Cycles
	TS2.44 803 Cycles
	TS2.45 1813 Cycles
	TS2.46 5310 Cycles
	TS2.47 805 Cycles
	TS2.48 1815 Cycles
	TS2.49 803 Cycles
	TS2.50 805 Cycles
	TS2.51 802 Cycles
	TS2.52 802 Cycles
	TS2.53 2102 Cycles
	TS2.54 803 Cycles
	TS2.55 805 Cycles
	TS2.56 804 Cycles
	TS2.57 1813 Cycles
	TS2.58 803 Cycles
	TS2.59 5584 Cycles
	TS2.60 805 Cycles
	TS2.61 803 Cycles
	TS2.62 802 Cycles
	TS2.63 1813 Cycles
	TS2.64 803 Cycles
	TS2.65 1521 Cycles
	TS2.66 803 Cycles
	TS2.67 803 Cycles
	TS2.68 802 Cycles
	TS2.69 1813 Cycles
	TS2.70 803 Cycles
	TS2.71 803 Cycles
	TS2.72 802 Cycles
	TS2.73 802 Cycles
	TS2.74 802 Cycles
	TS2.75 804 Cycles
	TS2.76 5018 Cycles
	TS2.77 5312 Cycles
	TS2.78 805 Cycles
	TS2.79 805 Cycles
	TS2.80 804 Cycles
	TS2.81 5026 Cycles
	TS2.82 1812 Cycles
	TS2.83 805 Cycles
	TS2.84 8540 Cycles
	TS2.85 5324 Cycles
	TS2.86 805 Cycles
	TS2.87 805 Cycles
	TS2.88 804 Cycles
	TS2.89 5322 Cycles
	TS2.90 5016 Cycles
	TS2.91 1814 Cycles
	TS2.92 5303 Cycles
	TS2.93 807 Cycles
	TS2.94 805 Cycles
	TS2.95 5308 Cycles
	TS2.96 804 Cycles
	TS2.97 806 Cycles
	TS2.98 806 Cycles
	TS2.99 2104 Cycles
	TS2.100 803 Cycles
	TS2.101 5611 Cycles
	TS2.102 803 Cycles
	TS2.103 803 Cycles
	TS2.104 804 Cycles
	TS2.105 802 Cycles
	TS2.106 802 Cycles
	TS2.107 804 Cycles
	TS2.108 1813 Cycles
	TS2.109 803 Cycles
	TS2.110 803 Cycles

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TS2.111	802 Cycles
TS2.112	2101 Cycles
TS2.113	803 Cycles
TS2.114	1813 Cycles
TS2.115	5306 Cycles
TS2.116	805 Cycles
TS2.117	807 Cycles
TS2.118	2105 Cycles
TS2.119	1813 Cycles
TS2.120	1539 Cycles
TS2.121	5314 Cycles
TS2.122	803 Cycles
TS2.123	8522 Cycles
TS2.124	1542 Cycles
TS2.125	803 Cycles
TS2.126	5603 Cycles
TS2.127	803 Cycles
TS2.128	5311 Cycles
TS2.129	803 Cycles
TS2.130	8519 Cycles
TS2.131	5607 Cycles
TS2.132	1540 Cycles
TS2.133	803 Cycles
TS2.134	804 Cycles
TS2.135	802 Cycles
TS2.136	803 Cycles
TS2.137	802 Cycles
TS2.138	2103 Cycles
TS2.139	803 Cycles
TS2.140	5325 Cycles
TS2.141	805 Cycles
TS2.142	803 Cycles
TS2.143	804 Cycles
TS2.144	804 Cycles
TS2.145	803 Cycles
TS2.146	802 Cycles
TS2.147	5016 Cycles
TS2.148	805 Cycles
TS2.149	1815 Cycles
TS2.150	1812 Cycles
TS2.151	805 Cycles
TS2.152	805 Cycles
TS2.153	803 Cycles
TS2.154	802 Cycles
TS2.155	1813 Cycles
TS2.156	8526 Cycles
TS2.157	805 Cycles
TS2.158	2104 Cycles
TS2.159	803 Cycles

# TEST DETAILS REPORT

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CustBattDiag\_Per2

Description	Vector Description
	TS2.1All Min
	TS2.2All Max
	TS2.3Batt_Volt_f32==>Min
	TS2.4Batt_Volt_f32==>Max
	TS2.5Batt_Volt_f32==>Pos
	TS2.6VehicleSpeed_Kph_f32==>Min
	TS2.7VehicleSpeed_Kph_f32==>Max
	TS2.8VehicleSpeed_Kph_f32==>Pos
	TS2.9EngOn_Cnt_lgc==>Min
	TS2.10EngOn_Cnt_lgc==>Max
	TS2.11EtatMT_Cnt_u08==>Min
	TS2.12EtatMT_Cnt_u08==>Max
	TS2.13EtatMT_Cnt_u08==>Pos
	TS2.14SttdSelected_Cnt_lgc==>Min
	TS2.15SttdSelected_Cnt_lgc==>Max
	TS2.16VehicleSpeedValid_Cnt_lgc==>Min
	TS2.17VehicleSpeedValid_Cnt_lgc==>Max
	TS2.18Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_DISABLE
	TS2.19Rte_Mode_SystemState_Mode==>RTE_TRANSITION_StaMd_Mode
	TS2.20Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
	TS2.21Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OFF
	TS2.22Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
	TS2.23k_CustBattDiagLOlspd_kph_f32==>Min
	TS2.24k_CustBattDiagLOlspd_kph_f32==>Max
	TS2.25k_CustBattDiagLOlspd_kph_f32==>Pos
	TS2.26k_LOIDetect_ms_u16p0==>Min
	TS2.27k_LOIDetect_ms_u16p0==>Max
	TS2.28k_LOIDetect_ms_u16p0==>Pos
	TS2.29k_LOINotDetect_ms_u16p0==>Min
	TS2.30k_LOINotDetect_ms_u16p0==>Max
	TS2.31k_LOINotDetect_ms_u16p0==>Pos
	TS2.32k_LVCNotDetect_Volts_u10p6==>Min
	TS2.33k_LVCNotDetect_Volts_u10p6==>Max
	TS2.34k_LVCNotDetect_Volts_u10p6==>Pos
	TS2.35k_LVCDetect_Volts_u10p6==>Min
	TS2.36k_LVCDetect_Volts_u10p6==>Max
	TS2.37k_LVCDetect_Volts_u10p6==>Pos
	TS2.38k_LVHSNotDetect_Volts_u10p6==>Min
	TS2.39k_LVHSNotDetect_Volts_u10p6==>Max
	TS2.40k_LVHSNotDetect_Volts_u10p6==>Pos
	TS2.41k_LVHSDetect_Volts_u10p6==>Min
	TS2.42k_LVHSDetect_Volts_u10p6==>Max
	TS2.43k_LVHSDetect_Volts_u10p6==>Pos
	TS2.44k_CustBattDiaghispd_kph_f32==>Min
	TS2.45k_CustBattDiaghispd_kph_f32==>Max
	TS2.46k_CustBattDiaghispd_kph_f32==>Pos
	TS2.47k_LVLSNotDetect_Volts_u10p6==>Min
	TS2.48k_LVLSNotDetect_Volts_u10p6==>Max
	TS2.49k_LVLSNotDetect_Volts_u10p6==>Pos
	TS2.50k_LVLSDetect_Volts_u10p6==>Min
	TS2.51k_LVLSDetect_Volts_u10p6==>Max
	TS2.52k_LVLSDetect_Volts_u10p6==>Pos
	TS2.53k_CustBattDiaglospd_kph_f32==>Min
	TS2.54k_CustBattDiaglospd_kph_f32==>Max
	TS2.55k_CustBattDiaglospd_kph_f32==>Pos
	TS2.56k_LVHSCNotDetect_Volts_u10p6==>Min
	TS2.57k_LVHSCNotDetect_Volts_u10p6==>Max
	TS2.58k_LVHSCNotDetect_Volts_u10p6==>Pos
	TS2.59k_LVHSCDetect_Volts_u10p6==>Min
	TS2.60k_LVHSCDetect_Volts_u10p6==>Max
	TS2.61k_LVHSCDetect_Volts_u10p6==>Pos
	TS2.62k_LVLSCNotDetect_Volts_u10p6==>Min
	TS2.63k_LVLSCNotDetect_Volts_u10p6==>Max
	TS2.64k_LVLSCNotDetect_Volts_u10p6==>Pos
	TS2.65k_LVLSCDetect_Volts_u10p6==>Min
	TS2.66k_LVLSCDetect_Volts_u10p6==>Max
	TS2.67k_LVLSCDetect_Volts_u10p6==>Pos
	TS2.68k_LVSMNotDetect_Volts_u10p6==>Min
	TS2.69k_LVSMNotDetect_Volts_u10p6==>Max
	TS2.70k_LVSMNotDetect_Volts_u10p6==>Pos
	TS2.71k_LVSMDetect_Volts_u10p6==>Min
	TS2.72k_LVSMDetect_Volts_u10p6==>Max
	TS2.73k_LVSMDetect_Volts_u10p6==>Pos
	TS2.74k_LVCDetect_ms_u16p0==>Min
	TS2.75k_LVCDetect_ms_u16p0==>Max
	TS2.76k_LVCDetect_ms_u16p0==>Pos
	TS2.77k_LVCNotDetect_ms_u16p0==>Min
	TS2.78k_LVCNotDetect_ms_u16p0==>Max
	TS2.79k_LVCNotDetect_ms_u16p0==>Pos
	TS2.80k_LVSMDetect_ms_u16p0==>Min
	TS2.81k_LVSMDetect_ms_u16p0==>Max
	TS2.82k_LVSMDetect_ms_u16p0==>Pos
	TS2.83k_LVSMNotDetect_ms_u16p0==>Min
	TS2.84k_LVSMNotDetect_ms_u16p0==>Max
	TS2.85k_LVSMNotDetect_ms_u16p0==>Pos
	TS2.86k_LVHSDetect_ms_u16p0==>Min
	TS2.87k_LVHSDetect_ms_u16p0==>Max
	TS2.88k_LVHSDetect_ms_u16p0==>Pos
	TS2.89k_LVHSNotDetect_ms_u16p0==>Min
	TS2.90k_LVHSNotDetect_ms_u16p0==>Max
	TS2.91k_LVHSNotDetect_ms_u16p0==>Pos
	TS2.92k_LVLSDetect_ms_u16p0==>Min
	TS2.93k_LVLSDetect_ms_u16p0==>Max
	TS2.94k_LVLSDetect_ms_u16p0==>Pos
	TS2.95k_LVLSNotDetect_ms_u16p0==>Min



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TS2.96k\_LVLSNotDetect\_ms\_u16p0==>Max  
TS2.97k\_LVLSNotDetect\_ms\_u16p0==>Pos  
TS2.98k\_LVHSCDetect\_ms\_u16p0==>Min  
TS2.99k\_LVHSCDetect\_ms\_u16p0==>Max  
TS2.100k\_LVHSCDetect\_ms\_u16p0==>Pos  
TS2.101k\_LVHSCNotDetect\_ms\_u16p0==>Min  
TS2.102k\_LVHSCNotDetect\_ms\_u16p0==>Max  
TS2.103k\_LVHSCNotDetect\_ms\_u16p0==>Pos  
TS2.104k\_LVLSCDetect\_ms\_u16p0==>Min  
TS2.105k\_LVLSCDetect\_ms\_u16p0==>Max  
TS2.106k\_LVLSCDetect\_ms\_u16p0==>Pos  
TS2.107k\_LVLSCNotDetect\_ms\_u16p0==>Min  
TS2.108k\_LVLSCNotDetect\_ms\_u16p0==>Max  
TS2.109k\_LVLSCNotDetect\_ms\_u16p0==>Pos  
TS2.110CustBattDiag\_LVCSet\_ms\_M\_u32p0==>Min  
TS2.111CustBattDiag\_LVCSet\_ms\_M\_u32p0==>Max  
TS2.112CustBattDiag\_LVCSet\_ms\_M\_u32p0==>Pos  
TS2.113CustBattDiag\_LVCClr\_ms\_M\_u32p0==>Min  
TS2.114CustBattDiag\_LVCClr\_ms\_M\_u32p0==>Max  
TS2.115CustBattDiag\_LVCClr\_ms\_M\_u32p0==>Pos  
TS2.116CustBattDiag\_LVSMSet\_ms\_M\_u32p0==>Min  
TS2.117CustBattDiag\_LVSMSet\_ms\_M\_u32p0==>Max  
TS2.118CustBattDiag\_LVSMSet\_ms\_M\_u32p0==>Pos  
TS2.119CustBattDiag\_LVSMClr\_ms\_M\_u32p0==>Min  
TS2.120CustBattDiag\_LVSMClr\_ms\_M\_u32p0==>Max  
TS2.121CustBattDiag\_LVSMClr\_ms\_M\_u32p0==>Pos  
TS2.122CustBattDiag\_LVLSCSet\_ms\_M\_u32p0==>Min  
TS2.123CustBattDiag\_LVLSCSet\_ms\_M\_u32p0==>Max  
TS2.124CustBattDiag\_LVLSCSet\_ms\_M\_u32p0==>Pos  
TS2.125CustBattDiag\_LVLSCClr\_ms\_M\_u32p0==>Min  
TS2.126CustBattDiag\_LVLSCClr\_ms\_M\_u32p0==>Max  
TS2.127CustBattDiag\_LVLSCClr\_ms\_M\_u32p0==>Pos  
TS2.128CustBattDiag\_LVHSCSet\_ms\_M\_u32p0==>Min  
TS2.129CustBattDiag\_LVHSCSet\_ms\_M\_u32p0==>Max  
TS2.130CustBattDiag\_LVHSCSet\_ms\_M\_u32p0==>Pos  
TS2.131CustBattDiag\_LVHSCClr\_ms\_M\_u32p0==>Min  
TS2.132CustBattDiag\_LVHSCClr\_ms\_M\_u32p0==>Max  
TS2.133CustBattDiag\_LVHSCClr\_ms\_M\_u32p0==>Pos  
TS2.134CustBattDiag\_LVHSSet\_ms\_M\_u32p0==>Min  
TS2.135CustBattDiag\_LVHSSet\_ms\_M\_u32p0==>Max  
TS2.136CustBattDiag\_LVHSSet\_ms\_M\_u32p0==>Pos  
TS2.137CustBattDiag\_LVHSClr\_ms\_M\_u32p0==>Min  
TS2.138CustBattDiag\_LVHSClr\_ms\_M\_u32p0==>Max  
TS2.139CustBattDiag\_LVHSClr\_ms\_M\_u32p0==>Pos  
TS2.140CustBattDiag\_LVLSSet\_ms\_M\_u32p0==>Min  
TS2.141CustBattDiag\_LVLSSet\_ms\_M\_u32p0==>Max  
TS2.142CustBattDiag\_LVLSSet\_ms\_M\_u32p0==>Pos  
TS2.143CustBattDiag\_LVLSClr\_ms\_M\_u32p0==>Min  
TS2.144CustBattDiag\_LVLSClr\_ms\_M\_u32p0==>Max  
TS2.145CustBattDiag\_LVLSClr\_ms\_M\_u32p0==>Pos  
TS2.146Rte\_Call\_EpsEn\_OP\_GET==>Min  
TS2.147Rte\_Call\_EpsEn\_OP\_GET==>Max  
TS2.148Rte\_Call\_SystemTime\_GetSystemTime\_ms\_u32==>Min  
TS2.149Rte\_Call\_SystemTime\_GetSystemTime\_ms\_u32==>Max  
TS2.150Rte\_Call\_SystemTime\_GetSystemTime\_ms\_u32==>Pos  
TS2.151Rte\_Call\_SystemTime\_DtrmnElapsedTime\_ms\_u16==>Min  
TS2.152Rte\_Call\_SystemTime\_DtrmnElapsedTime\_ms\_u16==>Max  
TS2.153Rte\_Call\_SystemTime\_DtrmnElapsedTime\_ms\_u16==>Pos  
TS2.154CustBattDiag\_LOIClr\_ms\_M\_u32p0==>Min  
TS2.155CustBattDiag\_LOIClr\_ms\_M\_u32p0==>Max  
TS2.156CustBattDiag\_LOIClr\_ms\_M\_u32p0==>Pos  
TS2.157CustBattDiag\_LOISet\_ms\_M\_u32p0==>Min  
TS2.158CustBattDiag\_LOISet\_ms\_M\_u32p0==>Max  
TS2.159CustBattDiag\_LOISet\_ms\_M\_u32p0==>pos

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	0
CustBattDiag_LOISet_ms_M_u32p0	0
CustBattDiag_LVCClr_ms_M_u32p0	0
CustBattDiag_LVCSet_ms_M_u32p0	0
CustBattDiag_LVHSCClr_ms_M_u32p0	0
CustBattDiag_LVHSCSet_ms_M_u32p0	0
CustBattDiag_LVHSClr_ms_M_u32p0	0
CustBattDiag_LVHSSet_ms_M_u32p0	0
CustBattDiag_LVLSCClr_ms_M_u32p0	0
CustBattDiag_LVLSCSet_ms_M_u32p0	0
CustBattDiag_LVLSClr_ms_M_u32p0	0
CustBattDiag_LVLSSet_ms_M_u32p0	0
CustBattDiag_LVSMClr_ms_M_u32p0	0
CustBattDiag_LVSMSet_ms_M_u32p0	0
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	0
k_CustBattDiaghispd_kph_f32	0

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Name	Input Value
k_CustBattDiagIospd_kph_f32	0
k_LOIDetect_ms_u16p0	0
k_LOINotDetect_ms_u16p0	0
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	0
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	0
k_LVHSCDetect_Volts_u10p6	0
k_LVHSCDetect_ms_u16p0	0
k_LVHSCNotDetect_Volts_u10p6	0
k_LVHSCNotDetect_ms_u16p0	0
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	0
k_LVHSNotDetect_Volts_u10p6	0
k_LVHSNotDetect_ms_u16p0	0
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	0
k_LVLSNotDetect_Volts_u10p6	0
k_LVLSNotDetect_ms_u16p0	0
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	0
k_LVLSNotDetect_Volts_u10p6	0
k_LVLSNotDetect_ms_u16p0	0
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	0
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	0
target_CustBattDiag_Per2_Batt_Volt_f32.value	5
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	0	0	✓
CustBattDiag_LOISet_ms_M_u32p0	0	0	✓
CustBattDiag_LVCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMSet_ms_M_u32p0	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.2 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295

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Name	Input Value		
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	512		
k_CustBattDiaghispd_kph_f32	512		
k_CustBattDiaglospd_kph_f32	512		
k_LOIDetect_ms_u16p0	65535		
k_LOINotDetect_ms_u16p0	65535		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	65535		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	65535		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	65535		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	65535		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	65535		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMClr ms M_u32p0	4294967295	4294967295	✔

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1315550208
CustBattDiag_LOISet_ms_M_u32p0	249214464
CustBattDiag_LVCClr_ms_M_u32p0	574522368
CustBattDiag_LVCSet_ms_M_u32p0	3415213568
CustBattDiag_LVHSCClr_ms_M_u32p0	985139200
CustBattDiag_LVHSCSet_ms_M_u32p0	2844666368
CustBattDiag_LVHSCClr_ms_M_u32p0	1315550208
CustBattDiag_LVHSSet_ms_M_u32p0	249214464
CustBattDiag_LVLSCClr_ms_M_u32p0	1776131072
CustBattDiag_LVLSCSet_ms_M_u32p0	3208306176
CustBattDiag_LVLSCClr_ms_M_u32p0	2191433728
CustBattDiag_LVLSSet_ms_M_u32p0	1202487808
CustBattDiag_LVSMClr_ms_M_u32p0	359559168
CustBattDiag_LVSMSet_ms_M_u32p0	815059456
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	361.123383
k_CustBattDiaghispd_kph_f32	227.98941
k_CustBattDiaglospd_kph_f32	65.9257507
k_LOIDetect_ms_u16p0	60720
k_LOINotDetect_ms_u16p0	48976
k_LVCDetect_Volts_u10p6	1984
k_LVCDetect_ms_u16p0	23181
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	61743
k_LVHSCDetect_Volts_u10p6	128
k_LVHSCDetect_ms_u16p0	20602
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	33580
k_LVHSDetect_Volts_u10p6	1984
k_LVHSDetect_ms_u16p0	48793
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	52295
k_LVLSCDetect_Volts_u10p6	1984
k_LVLSCDetect_ms_u16p0	16224
k_LVLSCNotDetect_Volts_u10p6	256
k_LVLSCNotDetect_ms_u16p0	62561
k_LVLSDetect_Volts_u10p6	1984
k_LVLSDetect_ms_u16p0	19601
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	44338
k_LVSMDetect_Volts_u10p6	1984
k_LVSMDetect_ms_u16p0	25286
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	35199
target_CustBattDiag_Per2_Batt_Volt_f32.value	5
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	371.596802
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	15439
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2017643520
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08

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CustBattDiag\_Per2

Name	Input Value			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_lgc	target_CustBattDiag_Per2_StdSelected_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	2017643520	2017643520		✓
CustBattDiag_LOISet_ms_M_u32p0	2017643520	2017643520		✓
CustBattDiag_LVCClr_ms_M_u32p0	574522368	574522368		✓
CustBattDiag_LVCSet_ms_M_u32p0	3415213568	3415213568		✓
CustBattDiag_LVHSCClr_ms_M_u32p0	985139200	985139200		✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2844666368	2844666368		✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1315550208	1315550208		✓
CustBattDiag_LVHSSet_ms_M_u32p0	249214464	249214464		✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1776131072	1776131072		✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3208306176	3208306176		✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2191433728	2191433728		✓
CustBattDiag_LVLSSet_ms_M_u32p0	1202487808	1202487808		✓
CustBattDiag_LVSMClr_ms_M_u32p0	359559168	359559168		✓
CustBattDiag_LVSMSet_ms_M_u32p0	815059456	815059456		✓
T				
✓				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.4 (Repeat Count = 1)			
Name	Input Value		
CustBattDiag_LOIClr_ms_M_u32p0	3492914944		
CustBattDiag_LOISet_ms_M_u32p0	2372313344		
CustBattDiag_LVCClr_ms_M_u32p0	1811101440		
CustBattDiag_LVCSet_ms_M_u32p0	2424746240		
CustBattDiag_LVHSCClr_ms_M_u32p0	3717638912		
CustBattDiag_LVHSCSet_ms_M_u32p0	203179264		
CustBattDiag_LVHSClr_ms_M_u32p0	3492914944		
CustBattDiag_LVHSCSet_ms_M_u32p0	2372313344		
CustBattDiag_LVLSCClr_ms_M_u32p0	2406870784		
CustBattDiag_LVLSCSet_ms_M_u32p0	2397448448		
CustBattDiag_LVLSCLR_ms_M_u32p0	2118312704		
CustBattDiag_LVLSSet_ms_M_u32p0	958479616		
CustBattDiag_LVSMClr_ms_M_u32p0	2299753216		
CustBattDiag_LVSMSet_ms_M_u32p0	1135103232		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOIspd_kph_f32	436.332581		
k_CustBattDiaghispd_kph_f32	352.354736		
k_CustBattDiaglospd_kph_f32	176.567795		
k_LOIDetect_ms_u16p0	27142		
k_LOINotDetect_ms_u16p0	27676		
k_LVCDetect_Volts_u10p6	320		
k_LVCDetect_ms_u16p0	53102		
k_LVCNotDetect_Volts_u10p6	320		
k_LVCNotDetect_ms_u16p0	51201		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	48232		
k_LVHSCNotDetect_Volts_u10p6	320		
k_LVHSCNotDetect_ms_u16p0	49865		
k_LVHSDetect_Volts_u10p6	320		
k_LVHSDetect_ms_u16p0	16554		
k_LVHSNotDetect_Volts_u10p6	320		
k_LVHSNotDetect_ms_u16p0	21784		
k_LVLSCDetect_Volts_u10p6	320		
k_LVLSCDetect_ms_u16p0	14309		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0	23513		
k_LVLSDetect_Volts_u10p6	320		
k_LVLSDetect_ms_u16p0	1267		
k_LVLSNotDetect_Volts_u10p6	320		



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CustBattDiag\_Per2

Name	Input Value
k_LVCNotDetect_Volts_u10p6	384
k_LVCNotDetect_ms_u16p0	34455
k_LVHSCDetect_Volts_u10p6	512
k_LVHSCDetect_ms_u16p0	37514
k_LVHSCNotDetect_Volts_u10p6	384
k_LVHSCNotDetect_ms_u16p0	33790
k_LVHSDetect_Volts_u10p6	1216
k_LVHSDetect_ms_u16p0	6626
k_LVHSNotDetect_Volts_u10p6	384
k_LVHSNotDetect_ms_u16p0	1072
k_LVLSCDetect_Volts_u10p6	1216
k_LVLSCDetect_ms_u16p0	1922
k_LVLSCNotDetect_Volts_u10p6	384
k_LVLSCNotDetect_ms_u16p0	45759
k_LVLSDetect_Volts_u10p6	1216
k_LVLSDetect_ms_u16p0	17016
k_LVLSNotDetect_Volts_u10p6	384
k_LVLSNotDetect_ms_u16p0	56402
k_LVSMDetect_Volts_u10p6	1216
k_LVSMDetect_ms_u16p0	54939
k_LVSMNotDetect_Volts_u10p6	384
k_LVSMNotDetect_ms_u16p0	3403
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.1300001
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	381.458618
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10989
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	952608256
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	952608256	952608256	✓
CustBattDiag_LOISet_ms_M_u32p0	952608256	952608256	✓
CustBattDiag_LVCClr_ms_M_u32p0	1969298944	1969298944	✓
CustBattDiag_LVCSet_ms_M_u32p0	3322851328	3322851328	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	793166336	793166336	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1386083328	1386083328	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2389036544	2389036544	✓
CustBattDiag_LVHSSet_ms_M_u32p0	2066669568	2066669568	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2612590080	2612590080	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3201320960	3201320960	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1679956480	1679956480	✓
CustBattDiag_LVLSSet_ms_M_u32p0	896470016	896470016	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4193282560	4193282560	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3323583488	3323583488	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.6 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2389036544
CustBattDiag_LOISet_ms_M_u32p0	2066669568
CustBattDiag_LVCClr_ms_M_u32p0	1969298944
CustBattDiag_LVCSet_ms_M_u32p0	3322851328
CustBattDiag_LVHSCClr_ms_M_u32p0	793166336
CustBattDiag_LVHSCSet_ms_M_u32p0	1386083328
CustBattDiag_LVHSClr_ms_M_u32p0	2389036544
CustBattDiag_LVHSSet_ms_M_u32p0	2066669568
CustBattDiag_LVLSCClr_ms_M_u32p0	2612590080

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Name	Input Value		
CustBattDiag_LVLSCSet_ms_M_u32p0	3201320960		
CustBattDiag_LVLSClr_ms_M_u32p0	1679956480		
CustBattDiag_LVLSSet_ms_M_u32p0	896470016		
CustBattDiag_LVSMClr_ms_M_u32p0	4193282560		
CustBattDiag_LVSMSet_ms_M_u32p0	3323583488		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOIspd_kph_f32	258.391693		
k_CustBattDiaghispd_kph_f32	485.589508		
k_CustBattDiaglospd_kph_f32	241.509048		
k_LOIDetect_ms_u16p0	65135		
k_LOINotDetect_ms_u16p0	28358		
k_LVCDetect_Volts_u10p6	1216		
k_LVCDetect_ms_u16p0	50615		
k_LVCNotDetect_Volts_u10p6	384		
k_LVCNotDetect_ms_u16p0	34455		
k_LVHSCDetect_Volts_u10p6	512		
k_LVHSCDetect_ms_u16p0	37514		
k_LVHSCNotDetect_Volts_u10p6	384		
k_LVHSCNotDetect_ms_u16p0	33790		
k_LVHSDetect_Volts_u10p6	1216		
k_LVHSDetect_ms_u16p0	6626		
k_LVHSNotDetect_Volts_u10p6	384		
k_LVHSNotDetect_ms_u16p0	1072		
k_LVLSCDetect_Volts_u10p6	1216		
k_LVLSCDetect_ms_u16p0	1922		
k_LVLSCNotDetect_Volts_u10p6	384		
k_LVLSCNotDetect_ms_u16p0	45759		
k_LVLSDetect_Volts_u10p6	1216		
k_LVLSDetect_ms_u16p0	17016		
k_LVLSSNotDetect_Volts_u10p6	384		
k_LVLSSNotDetect_ms_u16p0	56402		
k_LVSMDetect_Volts_u10p6	1216		
k_LVSMDetect_ms_u16p0	54939		
k_LVSMNotDetect_Volts_u10p6	384		
k_LVSMNotDetect_ms_u16p0	3403		
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.1300001		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10989		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	952608256		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	952608256	952608256	✔
CustBattDiag_LOISet_ms_M_u32p0	952608256	952608256	✔
CustBattDiag_LVCClr_ms_M_u32p0	1969298944	1969298944	✔
CustBattDiag_LVCSet_ms_M_u32p0	3322851328	3322851328	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	793166336	793166336	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1386083328	1386083328	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2389036544	2389036544	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2066669568	2066669568	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2612590080	2612590080	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3201320960	3201320960	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1679956480	1679956480	✔
CustBattDiag_LVLSSet_ms_M_u32p0	896470016	896470016	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4193282560	4193282560	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3323583488	3323583488	✔



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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2027075584
CustBattDiag_LOISet_ms_M_u32p0	3140770304
CustBattDiag_LVCClr_ms_M_u32p0	2955446272
CustBattDiag_LVCSet_ms_M_u32p0	1234348544
CustBattDiag_LVHSCClr_ms_M_u32p0	64703488
CustBattDiag_LVHSCSet_ms_M_u32p0	3996913152
CustBattDiag_LVHSClr_ms_M_u32p0	2027075584
CustBattDiag_LVHSCSet_ms_M_u32p0	3140770304
CustBattDiag_LVLSCClr_ms_M_u32p0	3103727616
CustBattDiag_LVLSCSet_ms_M_u32p0	2921398784
CustBattDiag_LVLSClr_ms_M_u32p0	4216415232
CustBattDiag_LVLSSet_ms_M_u32p0	3646285312
CustBattDiag_LVSMClr_ms_M_u32p0	269628416
CustBattDiag_LVSMSet_ms_M_u32p0	1406612992
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	162.546951
k_CustBattDiaghispd_kph_f32	415.459473
k_CustBattDiaglospd_kph_f32	171.66716
k_LOIDetect_ms_u16p0	40122
k_LOINotDetect_ms_u16p0	34422
k_LVCDetect_Volts_u10p6	128
k_LVCDetect_ms_u16p0	1349
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	27602
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	39977
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	3054
k_LVHSDetect_Volts_u10p6	128
k_LVHSDetect_ms_u16p0	18564
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	60914
k_LVLSCDetect_Volts_u10p6	128
k_LVLSCDetect_ms_u16p0	16071
k_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	33686
k_LVLSDetect_Volts_u10p6	128
k_LVLSDetect_ms_u16p0	14252
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	62983
k_LVSMDetect_Volts_u10p6	128
k_LVSMDetect_ms_u16p0	39718
k_LVSMNotDetect_Volts_u10p6	1088
k_LVSMNotDetect_ms_u16p0	45828
target_CustBattDiag_Per2_Batt_Volt_f32.v	

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	906186752	906186752	✓
CustBattDiag_LOISet_ms_M_u32p0	906186752	906186752	✓
CustBattDiag_LVCClr_ms_M_u32p0	2955446272	2955446272	✓
CustBattDiag_LVCSet_ms_M_u32p0	906186752	906186752	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	64703488	64703488	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	906186752	906186752	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2027075584	2027075584	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3140770304	3140770304	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3103727616	3103727616	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	906186752	906186752	✓
CustBattDiag_LVLSClr_ms_M_u32p0	4216415232	4216415232	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3646285312	3646285312	✓
CustBattDiag_LVSMClr_ms_M_u32p0	269628416	269628416	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1406612992	1406612992	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.8 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	705075968
CustBattDiag_LOISet_ms_M_u32p0	1810478336
CustBattDiag_LVCClr_ms_M_u32p0	3745852160
CustBattDiag_LVCSet_ms_M_u32p0	3725509888
CustBattDiag_LVHSCClr_ms_M_u32p0	339533568
CustBattDiag_LVHSCSet_ms_M_u32p0	3265435904
CustBattDiag_LVHSClr_ms_M_u32p0	705075968
CustBattDiag_LVHSSet_ms_M_u32p0	1810478336
CustBattDiag_LVLSCClr_ms_M_u32p0	4246823680
CustBattDiag_LVLSCSet_ms_M_u32p0	2009316608
CustBattDiag_LVLSClr_ms_M_u32p0	1144690432
CustBattDiag_LVLSSet_ms_M_u32p0	1454706944
CustBattDiag_LVSMClr_ms_M_u32p0	3443009280
CustBattDiag_LVSMSet_ms_M_u32p0	1349591296
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOlspd_kph_f32	142.452698
k_CustBattDiaghispd_kph_f32	500.45459
k_CustBattDiaglospd_kph_f32	194.12117
k_LOIDetect_ms_u16p0	41207
k_LOINotDetect_ms_u16p0	33211
k_LVCDetect_Volts_u10p6	960
k_LVCDetect_ms_u16p0	19669
k_LVCNotDetect_Volts_u10p6	128
k_LVCNotDetect_ms_u16p0	15142

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CustBattDiag\_Per2

Name	Input Value		
k_LVHSCDetect_Volts_u10p6	1792		
k_LVHSCDetect_ms_u16p0	62186		
k_LVHSCNotDetect_Volts_u10p6	128		
k_LVHSCNotDetect_ms_u16p0	18321		
k_LVHSDetect_Volts_u10p6	960		
k_LVHSDetect_ms_u16p0	20087		
k_LVHSNotDetect_Volts_u10p6	128		
k_LVHSNotDetect_ms_u16p0	20775		
k_LVLSCDetect_Volts_u10p6	960		
k_LVLSCDetect_ms_u16p0	57920		
k_LVLSCNotDetect_Volts_u10p6	128		
k_LVLSCNotDetect_ms_u16p0	50252		
k_LVLSDetect_Volts_u10p6	960		
k_LVLSDetect_ms_u16p0	24113		
k_LVLSNotDetect_Volts_u10p6	128		
k_LVLSNotDetect_ms_u16p0	45721		
k_LVSMDetect_Volts_u10p6	960		
k_LVSMDetect_ms_u16p0	11874		
k_LVSMNotDetect_Volts_u10p6	128		
k_LVSMNotDetect_ms_u16p0	13631		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.4529781		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	104.126129		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	44680		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	315937536		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	315937536	315937536	✔
CustBattDiag_LOISet_ms_M_u32p0	315937536	315937536	✔
CustBattDiag_LVCClr_ms_M_u32p0	3745852160	3745852160	✔
CustBattDiag_LVCSet_ms_M_u32p0	3725509888	3725509888	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	339533568	339533568	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3265435904	3265435904	✔
CustBattDiag_LVHSClr_ms_M_u32p0	705075968	705075968	✔
CustBattDiag_LVHSSet_ms_M_u32p0	315937536	315937536	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4246823680	4246823680	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2009316608	2009316608	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1144690432	1144690432	✔
CustBattDiag_LVLSSet_ms_M_u32p0	315937536	315937536	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3443009280	3443009280	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1349591296	1349591296	✔
NTC_Cnt_T_enum	0xE1	0xE1	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.9 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	901181952

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LOISet_ms_M_u32p0	1962255360		
CustBattDiag_LVCClr_ms_M_u32p0	70992384		
CustBattDiag_LVCSet_ms_M_u32p0	3334894592		
CustBattDiag_LVHSCClr_ms_M_u32p0	354690560		
CustBattDiag_LVHSCSet_ms_M_u32p0	3780835328		
CustBattDiag_LVHSClr_ms_M_u32p0	901181952		
CustBattDiag_LVHSSet_ms_M_u32p0	1962255360		
CustBattDiag_LVLSCClr_ms_M_u32p0	2173082112		
CustBattDiag_LVLSCSet_ms_M_u32p0	596085760		
CustBattDiag_LVLSCLR_ms_M_u32p0	3255500288		
CustBattDiag_LVLSSet_ms_M_u32p0	2768474112		
CustBattDiag_LVSMClr_ms_M_u32p0	3511832064		
CustBattDiag_LVSMSet_ms_M_u32p0	2081382400		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOIspd_kph_f32	346.108704		
k_CustBattDiaghispd_kph_f32	90.0099335		
k_CustBattDiaglospd_kph_f32	338.766144		
k_LOIDetect_ms_u16p0	51434		
k_LOINotDetect_ms_u16p0	11447		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	5329		
k_LVCNotDetect_Volts_u10p6	1088		
k_LVCNotDetect_ms_u16p0	50167		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	57938		
k_LVHSCNotDetect_Volts_u10p6	1088		
k_LVHSCNotDetect_ms_u16p0	55412		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	11723		
k_LVHSNotDetect_Volts_u10p6	1088		
k_LVHSNotDetect_ms_u16p0	11475		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	20160		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	30517		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	9999		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	23405		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	18074		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	9882		
target_CustBattDiag_Per2_Batt_Volt_f32.value	15.6019201		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	104.126129		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	24937		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2586593792		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2586593792	2586593792	✔
CustBattDiag_LOISet_ms_M_u32p0	2586593792	2586593792	✔
CustBattDiag_LVCClr_ms_M_u32p0	70992384	70992384	✔
CustBattDiag_LVCSet_ms_M_u32p0	3334894592	3334894592	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	354690560	354690560	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3780835328	3780835328	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2586593792	2586593792	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2586593792	2586593792	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2173082112	2173082112	✔
CustBattDiag_LVLSCSet ms M_u32p0	596085760	596085760	✔

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSClr_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3511832064	3511832064	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2081382400	2081382400	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.10 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3837914368
CustBattDiag_LOISet_ms_M_u32p0	3092109056
CustBattDiag_LVCClr_ms_M_u32p0	2926902528
CustBattDiag_LVCSet_ms_M_u32p0	3390793472
CustBattDiag_LVHSCClr_ms_M_u32p0	2890551552
CustBattDiag_LVHSCSet_ms_M_u32p0	1634589440
CustBattDiag_LVHSCClr_ms_M_u32p0	3837914368
CustBattDiag_LVHSCSet_ms_M_u32p0	3092109056
CustBattDiag_LVLSCClr_ms_M_u32p0	838006016
CustBattDiag_LVLSCSet_ms_M_u32p0	3057131264
CustBattDiag_LVLSClr_ms_M_u32p0	1861601536
CustBattDiag_LVLSSet_ms_M_u32p0	382997248
CustBattDiag_LVSMClr_ms_M_u32p0	1113577728
CustBattDiag_LVSMSet_ms_M_u32p0	1156621056
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	427.208527
k_CustBattDiagIhispd_kph_f32	88.4092484
k_CustBattDiagIospd_kph_f32	390.997681
k_LOIDetect_ms_u16p0	25358
k_LOINotDetect_ms_u16p0	34143
k_LVCDetect_Volts_u10p6	832
k_LVCDetect_ms_u16p0	37083
k_LVCNotDetect_Volts_u10p6	1408
k_LVCNotDetect_ms_u16p0	29985
k_LVHSCDetect_Volts_u10p6	1344
k_LVHSCDetect_ms_u16p0	59671
k_LVHSCNotDetect_Volts_u10p6	1408
k_LVHSCNotDetect_ms_u16p0	35432
k_LVHSDetect_Volts_u10p6	832
k_LVHSDetect_ms_u16p0	27724
k_LVHSNotDetect_Volts_u10p6	1408
k_LVHSNotDetect_ms_u16p0	47596
k_LVLSCDetect_Volts_u10p6	832
k_LVLSCDetect_ms_u16p0	46204
k_LVLSCNotDetect_Volts_u10p6	1408
k_LVLSCNotDetect_ms_u16p0	12118
k_LVLSDetect_Volts_u10p6	832
k_LVLSDetect_ms_u16p0	50993
k_LVLSNotDetect_Volts_u10p6	1408
k_LVLSNotDetect_ms_u16p0	62797
k_LVSMDetect_Volts_u10p6	832
k_LVSMDetect_ms_u16p0	14382
k_LVSMNotDetect_Volts_u10p6	1408
k_LVSMNotDetect_ms_u16p0	6758
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.696414
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	25.8337135		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5635		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3670140160		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3670140160	3670140160	✔
CustBattDiag_LOISet_ms_M_u32p0	3670140160	3670140160	✔
CustBattDiag_LVCClr_ms_M_u32p0	2926902528	2926902528	✔
CustBattDiag_LVCSet_ms_M_u32p0	3390793472	3390793472	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2890551552	2890551552	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1634589440	1634589440	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3837914368	3837914368	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3092109056	3092109056	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	838006016	838006016	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3057131264	3057131264	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1861601536	1861601536	✔
CustBattDiag_LVLSSet_ms_M_u32p0	382997248	382997248	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1113577728	1113577728	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1156621056	1156621056	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.11 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3467104000	
CustBattDiag_LOISet_ms_M_u32p0	1436748032	
CustBattDiag_LVCClr_ms_M_u32p0	2759024384	
CustBattDiag_LVCSet_ms_M_u32p0	2019367168	
CustBattDiag_LVHSCClr_ms_M_u32p0	3138605824	
CustBattDiag_LVHSCSet_ms_M_u32p0	3378720000	
CustBattDiag_LVHSClr_ms_M_u32p0	3467104000	
CustBattDiag_LVHSSet_ms_M_u32p0	1436748032	
CustBattDiag_LVLSCClr_ms_M_u32p0	1889605376	
CustBattDiag_LVLSCSet_ms_M_u32p0	1881116928	
CustBattDiag_LVLSClr_ms_M_u32p0	1004178176	
CustBattDiag_LVLSSet_ms_M_u32p0	2965054720	
CustBattDiag_LVSMClr_ms_M_u32p0	3239385856	
CustBattDiag_LVSMSet_ms_M_u32p0	3929814272	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOIspd_kph_f32	265.324677	
k_CustBattDiaghispd_kph_f32	309.285675	
k_CustBattDiaglospd_kph_f32	45.3836021	
k_LOIDetect_ms_u16p0	36263	
k_LOINotDetect_ms_u16p0	22895	
k_LVCDetect_Volts_u10p6	1664	
k_LVCDetect_ms_u16p0	25819	
k_LVCNotDetect_Volts_u10p6	320	
k_LVCNotDetect_ms_u16p0	35392	
k_LVHSCDetect_Volts_u10p6	768	
k_LVHSCDetect_ms_u16p0	3195	
k_LVHSCNotDetect_Volts_u10p6	320	
k_LVHSCNotDetect_ms_u16p0	6974	
k_LVHSDetect_Volts_u10p6	1664	
k_LVHSDetect_ms_u16p0	20123	
k_LVHSNotDetect_Volts_u10p6	320	
k_LVHSNotDetect_ms_u16p0	27170	

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Name	Input Value		
k_LVLSCDetect_Volts_u10p6	1664		
k_LVLSCDetect_ms_u16p0	40806		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0	15615		
k_LVLSDetect_Volts_u10p6	1664		
k_LVLSDetect_ms_u16p0	47361		
k_LVLSDNotDetect_Volts_u10p6	320		
k_LVLSDNotDetect_ms_u16p0	49651		
k_LVSMDetect_Volts_u10p6	1664		
k_LVSMDetect_ms_u16p0	52013		
k_LVSMNotDetect_Volts_u10p6	320		
k_LVSMNotDetect_ms_u16p0	1808		
target_CustBattDiag_Per2_Batt_Volt_f32.value	21.8831902		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	87.3961639		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	55332		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1902610176		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1902610176	1902610176	✔
CustBattDiag_LOISet_ms_M_u32p0	1902610176	1902610176	✔
CustBattDiag_LVCClr_ms_M_u32p0	2759024384	2759024384	✔
CustBattDiag_LVCSet_ms_M_u32p0	2019367168	2019367168	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3138605824	3138605824	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3378720000	3378720000	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3467104000	3467104000	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1902610176	1902610176	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1889605376	1889605376	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1881116928	1881116928	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1004178176	1004178176	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1902610176	1902610176	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3239385856	3239385856	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3929814272	3929814272	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE1	0xE1	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE2	0xE2	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓











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Test Step 2.12 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		2107856384		
CustBattDiag_LOISet_ms_M_u32p0		4128876544		
CustBattDiag_LVCClr_ms_M_u32p0		1585489408		
CustBattDiag_LVCSet_ms_M_u32p0		3391846400		
CustBattDiag_LVHSCClr_ms_M_u32p0		3144731136		
CustBattDiag_LVHSCSet_ms_M_u32p0		946420736		
CustBattDiag_LVHSClr_ms_M_u32p0		2107856384		
CustBattDiag_LVHSSet_ms_M_u32p0		4128876544		
CustBattDiag_LVLSCClr_ms_M_u32p0		4141317632		
CustBattDiag_LVLSCSet_ms_M_u32p0		583274496		
CustBattDiag_LVLSClr_ms_M_u32p0		2080055808		
CustBattDiag_LVLSSet_ms_M_u32p0		4165030912		
CustBattDiag_LVSMClr_ms_M_u32p0		3398136320		
CustBattDiag_LVSMSet_ms_M_u32p0		1677599744		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		2		
k_CustBattDiagLOlspd_kph_f32		307.761597		
k_CustBattDiaghispd_kph_f32		505.83429		
k_CustBattDiaglospd_kph_f32		103.274986		
k_LOIDetect_ms_u16p0		15147		
k_LOINotDetect_ms_u16p0		17772		
k_LVCDetect_Volts_u10p6		704		
k_LVCDetect_ms_u16p0		56591		
k_LVCNotDetect_Volts_u10p6		1984		
k_LVCNotDetect_ms_u16p0		36474		
k_LVHSCDetect_Volts_u10p6		1856		
k_LVHSCDetect_ms_u16p0		37359		
k_LVHSCNotDetect_Volts_u10p6		1984		
k_LVHSCNotDetect_ms_u16p0		8510		
k_LVHSDetect_Volts_u10p6		704		
k_LVHSDetect_ms_u16p0		37809		
k_LVHSNotDetect_Volts_u10p6		1984		
k_LVHSNotDetect_ms_u16p0		65457		
k_LVLSCDetect_Volts_u10p6		704		
k_LVLSCDetect_ms_u16p0		22176		
k_LVLSCNotDetect_Volts_u10p6		1984		
k_LVLSCNotDetect_ms_u16p0		23531		
k_LVLSDetect_Volts_u10p6		704		
k_LVLSDetect_ms_u16p0		8174		
k_LVLSNotDetect_Volts_u10p6		1984		
k_LVLSNotDetect_ms_u16p0		13871		
k_LVSMDetect_Volts_u10p6		704		
k_LVSMDetect_ms_u16p0		33674		
k_LVSMNotDetect_Volts_u10p6		1984		
k_LVSMNotDetect_ms_u16p0		46073		
target_CustBattDiag_Per2_Batt_Volt_f32.value		19.359869		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value		1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value		0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		114.504883		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		31718		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1514417664		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc		target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc		target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	1514417664	1514417664		
CustBattDiag_LOISet_ms_M_u32p0	1514417664	1514417664		
CustBattDiag_LVCClr_ms_M_u32p0	1585489408	1585489408		
CustBattDiag_LVCSet_ms_M_u32p0	3391846400	3391846400		
CustBattDiag_LVHSCClr_ms_M_u32p0	1514417664	1514417664		
CustBattDiag_LVHSCSet_ms_M_u32p0	1514417664	1514417664		
CustBattDiag_LVHSClr_ms_M_u32p0	2107856384	2107856384		



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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	4128876544	4128876544	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2080055808	2080055808	✓
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912	4165030912	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3398136320	3398136320	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744	1677599744	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.13 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2107856384
CustBattDiag_LOISet_ms_M_u32p0	4128876544
CustBattDiag_LVCClr_ms_M_u32p0	1585489408
CustBattDiag_LVCSet_ms_M_u32p0	3391846400
CustBattDiag_LVHSCClr_ms_M_u32p0	3144731136
CustBattDiag_LVHSCSet_ms_M_u32p0	946420736
CustBattDiag_LVHSClr_ms_M_u32p0	2107856384
CustBattDiag_LVHSSet_ms_M_u32p0	4128876544
CustBattDiag_LVLSCClr_ms_M_u32p0	4141317632
CustBattDiag_LVLSCSet_ms_M_u32p0	583274496
CustBattDiag_LVLSClr_ms_M_u32p0	2080055808
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912
CustBattDiag_LVSMClr_ms_M_u32p0	3398136320
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	307.761597
k_CustBattDiaghispd_kph_f32	505.83429
k_CustBattDiaglospd_kph_f32	103.274986
k_LOIDetect_ms_u16p0	15147
k_LOINotDetect_ms_u16p0	17772
k_LVCDetect_Volts_u10p6	704
k_LVCDetect_ms_u16p0	56591
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	36474
k_LVHSCDetect_Volts_u10p6	1856
k_LVHSCDetect_ms_u16p0	37359
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	8510
k_LVHSDetect_Volts_u10p6	704
k_LVHSDetect_ms_u16p0	37809
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	65457
k_LVLSCDetect_Volts_u10p6	704
k_LVLSCDetect_ms_u16p0	22176
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	23531
k_LVLSDetect_Volts_u10p6	704
k_LVLSDetect_ms_u16p0	8174
k_LVLSNotDetect_Volts_u10p6	1984
k_LVLSNotDetect_ms_u16p0	13871
k_LVSMDetect_Volts_u10p6	704

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CustBattDiag\_Per2

Name	Input Value
k_LVSMDetect_ms_u16p0	33674
k_LVSMNotDetect_Volts_u10p6	1984
k_LVSMNotDetect_ms_u16p0	46073
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.359869
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	114.504883
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	31718
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1514417664
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LOISet_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVCClr_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVCSet_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2107856384	2107856384	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4128876544	4128876544	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	2080055808	2080055808	✓
CustBattDiag_LVLSSET_ms_M_u32p0	4165030912	4165030912	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3398136320	3398136320	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744	1677599744	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.14 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3778838528	
CustBattDiag_LOISet_ms_M_u32p0	1857380864	
CustBattDiag_LVCClr_ms_M_u32p0	2978238464	
CustBattDiag_LVCSet_ms_M_u32p0	534098432	
CustBattDiag_LVHSCClr_ms_M_u32p0	76911616	
CustBattDiag_LVHSCSet_ms_M_u32p0	2543949312	
CustBattDiag_LVHSClr_ms_M_u32p0	3778838528	
CustBattDiag_LVHSCSet_ms_M_u32p0	1857380864	
CustBattDiag_LVLSCClr_ms_M_u32p0	1414653952	
CustBattDiag_LVLSCSet_ms_M_u32p0	989006336	
CustBattDiag_LVLSCLR_ms_M_u32p0	4247956480	
CustBattDiag_LVLSSET_ms_M_u32p0	536505856	
CustBattDiag_LVSMClr_ms_M_u32p0	1623555072	
CustBattDiag_LVSMSet_ms_M_u32p0	2652749312	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1	
k_CustBattDiagLOlspd_kph_f32	212.607681	
k_CustBattDiaghispd_kph_f32	431.839294	
k_CustBattDiaglospd_kph_f32	384.901428	

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Name	Input Value
k_LOIDetect_ms_u16p0	2196
k_LOINotDetect_ms_u16p0	47505
k_LVCDetect_Volts_u10p6	512
k_LVCDetect_ms_u16p0	32923
k_LVCNotDetect_Volts_u10p6	640
k_LVCNotDetect_ms_u16p0	47625
k_LVHSCDetect_Volts_u10p6	64
k_LVHSCDetect_ms_u16p0	61437
k_LVHSCNotDetect_Volts_u10p6	640
k_LVHSCNotDetect_ms_u16p0	51827
k_LVHSDetect_Volts_u10p6	512
k_LVHSDetect_ms_u16p0	37386
k_LVHSNotDetect_Volts_u10p6	640
k_LVHSNotDetect_ms_u16p0	25792
k_LVLSCDetect_Volts_u10p6	512
k_LVLSCDetect_ms_u16p0	60430
k_LVLSNotDetect_Volts_u10p6	640
k_LVLSNotDetect_ms_u16p0	22882
k_LVLSDetect_Volts_u10p6	512
k_LVLSDetect_ms_u16p0	3605
k_LVLSNotDetect_Volts_u10p6	640
k_LVLSNotDetect_ms_u16p0	59916
k_LVSMDetect_Volts_u10p6	512
k_LVSMDetect_ms_u16p0	58576
k_LVSMNotDetect_Volts_u10p6	640
k_LVSMNotDetect_ms_u16p0	16995
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.04751968
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	391.786896
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53896
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4205058048
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4205058048	4205058048	✓
CustBattDiag_LOISet_ms_M_u32p0	4205058048	4205058048	✓
CustBattDiag_LVCClr_ms_M_u32p0	2978238464	2978238464	✓
CustBattDiag_LVCSet_ms_M_u32p0	534098432	534098432	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	76911616	76911616	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2543949312	2543949312	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3778838528	3778838528	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1857380864	1857380864	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1414653952	1414653952	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	989006336	989006336	✓
CustBattDiag_LVLSClr_ms_M_u32p0	4247956480	4247956480	✓
CustBattDiag_LVLSSet_ms_M_u32p0	536505856	536505856	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1623555072	1623555072	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2652749312	2652749312	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.15 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	2984854272	
CustBattDiag_LOISet_ms_M_u32p0	2139528448	
CustBattDiag_LVCClr_ms_M_u32p0	3830567680	
CustBattDiag_LVCSet_ms_M_u32p0	291876096	
CustBattDiag_LVHSCClr_ms_M_u32p0	3039692544	

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Name	Input Value		
CustBattDiag_LVHSCSet_ms_M_u32p0	647102720		
CustBattDiag_LVHSClr_ms_M_u32p0	2984854272		
CustBattDiag_LVHSSet_ms_M_u32p0	2139528448		
CustBattDiag_LVLSCClr_ms_M_u32p0	3494447872		
CustBattDiag_LVLSCSet_ms_M_u32p0	2205000960		
CustBattDiag_LVLSClr_ms_M_u32p0	1035386624		
CustBattDiag_LVLSSet_ms_M_u32p0	2665969920		
CustBattDiag_LVSMClr_ms_M_u32p0	2721992448		
CustBattDiag_LVSMSet_ms_M_u32p0	2512226560		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOIsdp_kph_f32	455.42337		
k_CustBattDiaghispd_kph_f32	58.7999535		
k_CustBattDiaglospd_kph_f32	318.157135		
k_LOIDetect_ms_u16p0	12169		
k_LOINotDetect_ms_u16p0	44427		
k_LVCDetect_Volts_u10p6	1408		
k_LVCDetect_ms_u16p0	40179		
k_LVCNotDetect_Volts_u10p6	320		
k_LVCNotDetect_ms_u16p0	34210		
k_LVHSCDetect_Volts_u10p6	1920		
k_LVHSCDetect_ms_u16p0	12686		
k_LVHSCNotDetect_Volts_u10p6	320		
k_LVHSCNotDetect_ms_u16p0	63779		
k_LVHSDetect_Volts_u10p6	1408		
k_LVHSDetect_ms_u16p0	45064		
k_LVHSNotDetect_Volts_u10p6	320		
k_LVHSNotDetect_ms_u16p0	15838		
k_LVLSCDetect_Volts_u10p6	1408		
k_LVLSCDetect_ms_u16p0	17034		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0	44551		
k_LVLSDetect_Volts_u10p6	1408		
k_LVLSDetect_ms_u16p0	1815		
k_LVLNotDetect_Volts_u10p6	320		
k_LVLNotDetect_ms_u16p0	26025		
k_LVSMDetect_Volts_u10p6	1408		
k_LVSMDetect_ms_u16p0	49542		
k_LVSMNotDetect_Volts_u10p6	320		
k_LVSMNotDetect_ms_u16p0	47685		
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.9832735		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	182.276062		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	44189		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	571636480		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	571636480	571636480	✔
CustBattDiag_LOISet_ms_M_u32p0	571636480	571636480	✔
CustBattDiag_LVCClr_ms_M_u32p0	3830567680	3830567680	✔
CustBattDiag_LVCSets_ms_M_u32p0	291876096	291876096	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3039692544	3039692544	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	647102720	647102720	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2984854272	2984854272	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2139528448	2139528448	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3494447872	3494447872	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2205000960	2205000960	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1035386624	1035386624	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2665969920	2665969920	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2721992448	2721992448	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2512226560	2512226560	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3220821248
CustBattDiag_LOISet_ms_M_u32p0	655490816
CustBattDiag_LVCClr_ms_M_u32p0	2548992
CustBattDiag_LVCSet_ms_M_u32p0	3865677568
CustBattDiag_LVHSCClr_ms_M_u32p0	1292155136
CustBattDiag_LVHSCSet_ms_M_u32p0	655917824
CustBattDiag_LVHSClr_ms_M_u32p0	3220821248
CustBattDiag_LVHSCSet_ms_M_u32p0	655490816
CustBattDiag_LVLSCClr_ms_M_u32p0	3130514688
CustBattDiag_LVLSCSet_ms_M_u32p0	628180736
CustBattDiag_LVLSClr_ms_M_u32p0	2761109760
CustBattDiag_LVLSSet_ms_M_u32p0	450476800
CustBattDiag_LVSMClr_ms_M_u32p0	1071071488
CustBattDiag_LVSMSet_ms_M_u32p0	3202370304
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	38.1955795
k_CustBattDiaghispd_kph_f32	77.7451477
k_CustBattDiaglospd_kph_f32	121.119308
k_LOIDetect_ms_u16p0	44143
k_LOINotDetect_ms_u16p0	27628
k_LVCDetect_Volts_u10p6	896
k_LVCNotDetect_ms_u16p0	34856
k_LVCNotDetect_Volts_u10p6	384
k_LVCNotDetect_ms_u16p0	20409
k_LVHSCDetect_Volts_u10p6	1024
k_LVHSCDetect_ms_u16p0	45850
k_LVHSCNotDetect_Volts_u10p6	384
k_LVHSCNotDetect_ms_u16p0	62662
k_LVHSDetect_Volts_u10p6	896
k_LVHSDetect_ms_u16p0	47269
k_LVHSNotDetect_Volts_u10p6	384
k_LVHSNotDetect_ms_u16p0	16535
k_LVLSCDetect_Volts_u10p6	896
k_LVLSCDetect_ms_u16p0	59729
k_LVLSCNotDetect_Volts_u10p6	384
k_LVLSCNotDetect_ms_u16p0	28458
k_LVLSDetect_Volts_u10p6	896
k_LVLSDetect_ms_u16p0	20874
k_LVLSNotDetect_Volts_u10p6	384
k_LVLSNotDetect_ms_u16p0	53535
k_LVSMDetect_Volts_u10p6	896
k_LVSMDetect_ms_u16p0	50861
k_LVSMNotDetect_Volts_u10p6	384
k_LVSMNotDetect_ms_u16p0	57300
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.0657558
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	415.146576
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	46851
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1881984256
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

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Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1881984256	1881984256	✓
CustBattDiag_LOISet_ms_M_u32p0	1881984256	1881984256	✓
CustBattDiag_LVCClr_ms_M_u32p0	2548992	2548992	✓
CustBattDiag_LVCSet_ms_M_u32p0	3865677568	3865677568	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1292155136	1292155136	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	655917824	655917824	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3220821248	3220821248	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	655490816	655490816	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3130514688	3130514688	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	628180736	628180736	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2761109760	2761109760	✓
CustBattDiag_LVLSSet_ms_M_u32p0	450476800	450476800	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1071071488	1071071488	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3202370304	3202370304	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.17 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1631929344
CustBattDiag_LOISet_ms_M_u32p0	421840384
CustBattDiag_LVCClr_ms_M_u32p0	1761481728
CustBattDiag_LVCSet_ms_M_u32p0	1834882560
CustBattDiag_LVHSCClr_ms_M_u32p0	4071921664
CustBattDiag_LVHSCSet_ms_M_u32p0	1210137088
CustBattDiag_LVHSClr_ms_M_u32p0	1631929344
CustBattDiag_LVHSCSet_ms_M_u32p0	421840384
CustBattDiag_LVLSCClr_ms_M_u32p0	1401629696
CustBattDiag_LVLSCSet_ms_M_u32p0	2502356480
CustBattDiag_LVLSClr_ms_M_u32p0	1542008832
CustBattDiag_LVLSSet_ms_M_u32p0	398299648
CustBattDiag_LVSMClr_ms_M_u32p0	1851588608
CustBattDiag_LVSMSet_ms_M_u32p0	971629056
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	75.5554886
k_CustBattDiaghispd_kph_f32	282.353668
k_CustBattDiaglospd_kph_f32	478.429565
k_LOIDetect_ms_u16p0	51500
k_LOINotDetect_ms_u16p0	57486
k_LVCDetect_Volts_u10p6	1216
k_LVCDetect_ms_u16p0	45441
k_LVCNotDetect_Volts_u10p6	1664
k_LVCNotDetect_ms_u16p0	17572
k_LVHSCDetect_Volts_u10p6	576
k_LVHSCDetect_ms_u16p0	18026
k_LVHSCNotDetect_Volts_u10p6	1664
k_LVHSCNotDetect_ms_u16p0	62781
k_LVHSDetect_Volts_u10p6	1216
k_LVHSDetect_ms_u16p0	6379
k_LVHSNotDetect_Volts_u10p6	1664
k_LVHSNotDetect_ms_u16p0	32746
k_LVLSCDetect_Volts_u10p6	1216
k_LVLSCDetect_ms_u16p0	22455
k_LVLSCNotDetect_Volts_u10p6	1664
k_LVLSCNotDetect_ms_u16p0	30850
k_LVLSDetect_Volts_u10p6	1216
k_LVLSDetect_ms_u16p0	8234
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	44740
k_LVSMDetect_Volts_u10p6	1216

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Name	Input Value
k_LVSMDetect_ms_u16p0	42465
k_LVSMNotDetect_Volts_u10p6	1664
k_LVSMNotDetect_ms_u16p0	8900
target_CustBattDiag_Per2_Batt_Volt_f32.value	21.848423
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	142.412247
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53790
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4069284864
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4069284864	4069284864	✓
CustBattDiag_LOISet_ms_M_u32p0	4069284864	4069284864	✓
CustBattDiag_LVCClr_ms_M_u32p0	1761481728	1761481728	✓
CustBattDiag_LVCSet_ms_M_u32p0	1834882560	1834882560	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4071921664	4071921664	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1210137088	1210137088	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1631929344	1631929344	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	421840384	421840384	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1401629696	1401629696	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2502356480	2502356480	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1542008832	1542008832	✓
CustBattDiag_LVLSSet_ms_M_u32p0	398299648	398299648	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1851588608	1851588608	✓
CustBattDiag_LVSMSet_ms_M_u32p0	971629056	971629056	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.18 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1788730880
CustBattDiag_LOISet_ms_M_u32p0	3997790208
CustBattDiag_LVCClr_ms_M_u32p0	3298635264
CustBattDiag_LVCSet_ms_M_u32p0	751648768
CustBattDiag_LVHSCClr_ms_M_u32p0	1101517312
CustBattDiag_LVHSCSet_ms_M_u32p0	2756281344
CustBattDiag_LVHSCClr_ms_M_u32p0	1788730880
CustBattDiag_LVHSCSet_ms_M_u32p0	3997790208
CustBattDiag_LVLSCClr_ms_M_u32p0	1431504384
CustBattDiag_LVLSCSet_ms_M_u32p0	714921984
CustBattDiag_LVLSCClr_ms_M_u32p0	1380002304
CustBattDiag_LVLSSet_ms_M_u32p0	1955109888
CustBattDiag_LVSMClr_ms_M_u32p0	80968192
CustBattDiag_LVSMSet_ms_M_u32p0	2828495872
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	466.696655
k_CustBattDiaghispd_kph_f32	170.299622
k_CustBattDiaglospd_kph_f32	47.4280853
k_LOIDetect_ms_u16p0	8396
k_LOINotDetect_ms_u16p0	40048
k_LVCDetect_Volts_u10p6	576
k_LVCDetect_ms_u16p0	64204
k_LVCNotDetect_Volts_u10p6	960
k_LVCNotDetect_ms_u16p0	14393



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Name	Input Value		
k_LVHSCDetect_Volts_u10p6	1408		
k_LVHSCDetect_ms_u16p0	48762		
k_LVHSCNotDetect_Volts_u10p6	960		
k_LVHSCNotDetect_ms_u16p0	43292		
k_LVHSDetect_Volts_u10p6	576		
k_LVHSDetect_ms_u16p0	40261		
k_LVHSNotDetect_Volts_u10p6	960		
k_LVHSNotDetect_ms_u16p0	51056		
k_LVLSCDetect_Volts_u10p6	576		
k_LVLSCDetect_ms_u16p0	16658		
k_LVLSCNotDetect_Volts_u10p6	960		
k_LVLSCNotDetect_ms_u16p0	37476		
k_LVLSDetect_Volts_u10p6	576		
k_LVLSDetect_ms_u16p0	57690		
k_LVLSNotDetect_Volts_u10p6	960		
k_LVLSNotDetect_ms_u16p0	29945		
k_LVSMDetect_Volts_u10p6	576		
k_LVSMDetect_ms_u16p0	12559		
k_LVSMNotDetect_Volts_u10p6	960		
k_LVSMNotDetect_ms_u16p0	19252		
target_CustBattDiag_Per2_Batt_Volt_f32.value	18.9720993		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	183.432465		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36276		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1742583296		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LOISet_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVCClr_ms_M_u32p0	3298635264	3298635264	✔
CustBattDiag_LVCSet_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1101517312	1101517312	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1788730880	1788730880	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3997790208	3997790208	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1431504384	1431504384	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1380002304	1380002304	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1955109888	1955109888	✔
CustBattDiag_LVSMClr_ms_M_u32p0	80968192	80968192	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2828495872	2828495872	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓



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CustBattDiag\_Per2

Test Step 2.19 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		3636275456		
CustBattDiag_LOISet_ms_M_u32p0		713192192		
CustBattDiag_LVCClr_ms_M_u32p0		2885630208		
CustBattDiag_LVCSet_ms_M_u32p0		37159680		
CustBattDiag_LVHSCClr_ms_M_u32p0		477056256		
CustBattDiag_LVHSCSet_ms_M_u32p0		3520214784		
CustBattDiag_LVHSClr_ms_M_u32p0		3636275456		
CustBattDiag_LVHSSet_ms_M_u32p0		713192192		
CustBattDiag_LVLSCClr_ms_M_u32p0		3208491264		
CustBattDiag_LVLSCSet_ms_M_u32p0		1697135360		
CustBattDiag_LVLSClr_ms_M_u32p0		2651014400		
CustBattDiag_LVLSSet_ms_M_u32p0		3681873664		
CustBattDiag_LVSMClr_ms_M_u32p0		1938576640		
CustBattDiag_LVSMSet_ms_M_u32p0		3196616448		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		4		
k_CustBattDiagLOIspd_kph_f32		313.302765		
k_CustBattDiaghispd_kph_f32		46.3026314		
k_CustBattDiaglospd_kph_f32		7.93639946		
k_LOIDetect_ms_u16p0		20378		
k_LOINotDetect_ms_u16p0		61157		
k_LVCDetect_Volts_u10p6		448		
k_LVCDetect_ms_u16p0		47897		
k_LVCNotDetect_Volts_u10p6		1472		
k_LVCNotDetect_ms_u16p0		30985		
k_LVHSCDetect_Volts_u10p6		1984		
k_LVHSCDetect_ms_u16p0		9422		
k_LVHSCNotDetect_Volts_u10p6		1472		
k_LVHSCNotDetect_ms_u16p0		19745		
k_LVHSDetect_Volts_u10p6		448		
k_LVHSDetect_ms_u16p0		5135		
k_LVHSNotDetect_Volts_u10p6		1472		
k_LVHSNotDetect_ms_u16p0		54469		
k_LVLSCDetect_Volts_u10p6		448		
k_LVLSCDetect_ms_u16p0		58039		
k_LVLSCNotDetect_Volts_u10p6		1472		
k_LVLSCNotDetect_ms_u16p0		16250		
k_LVLSDetect_Volts_u10p6		448		
k_LVLSDetect_ms_u16p0		25472		
k_LVLSNotDetect_Volts_u10p6		1472		
k_LVLSNotDetect_ms_u16p0		24665		
k_LVSMDetect_Volts_u10p6		448		
k_LVSMDetect_ms_u16p0		51713		
k_LVSMNotDetect_Volts_u10p6		1472		
k_LVSMNotDetect_ms_u16p0		31305		
target_CustBattDiag_Per2_Batt_Volt_f32.value		28.6056538		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value		0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		14		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value		1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		246.183044		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		65104		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1314758912		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc		target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc		target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	1314758912	1314758912		
CustBattDiag_LOISet_ms_M_u32p0	1314758912	1314758912		
CustBattDiag_LVCClr_ms_M_u32p0	2885630208	2885630208		
CustBattDiag_LVCSet_ms_M_u32p0	37159680	37159680		
CustBattDiag_LVHSCClr_ms_M_u32p0	477056256	477056256		
CustBattDiag_LVHSCSet_ms_M_u32p0	3520214784	3520214784		
CustBattDiag_LVHSClr_ms_M_u32p0	3636275456	3636275456		

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	713192192	713192192	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3208491264	3208491264	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1697135360	1697135360	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2651014400	2651014400	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3681873664	3681873664	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1938576640	1938576640	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3196616448	3196616448	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.20 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	4249569280	
CustBattDiag_LOISet_ms_M_u32p0	2443405824	
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	
CustBattDiag_LVCSet_ms_M_u32p0	1355135488	
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168	
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280	
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824	
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704	
CustBattDiag_LVLSClr_ms_M_u32p0	4176016384	
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048	
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768	
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3	
k_CustBattDiagLOIspd_kph_f32	367.035919	
k_CustBattDiaghispd_kph_f32	83.7351837	
k_CustBattDiaglospd_kph_f32	201.401382	
k_LOIDetect_ms_u16p0	27771	
k_LOINotDetect_ms_u16p0	14320	
k_LVCDetect_Volts_u10p6	192	
k_LVCDetect_ms_u16p0	15742	
k_LVCNotDetect_Volts_u10p6	448	
k_LVCNotDetect_ms_u16p0	33029	
k_LVHSCDetect_Volts_u10p6	1792	
k_LVHSCDetect_ms_u16p0	57886	
k_LVHSCNotDetect_Volts_u10p6	448	
k_LVHSCNotDetect_ms_u16p0	36989	
k_LVHSDetect_Volts_u10p6	192	
k_LVHSDetect_ms_u16p0	61820	
k_LVHSNotDetect_Volts_u10p6	448	
k_LVHSNotDetect_ms_u16p0	53682	
k_LVLSCDetect_Volts_u10p6	192	
k_LVLSCDetect_ms_u16p0	38739	
k_LVLSCNotDetect_Volts_u10p6	448	
k_LVLSCNotDetect_ms_u16p0	28387	
k_LVLSDetect_Volts_u10p6	192	
k_LVLSDetect_ms_u16p0	28698	
k_LVLSNotDetect_Volts_u10p6	448	
k_LVLSNotDetect_ms_u16p0	12902	
k_LVSMDetect_Volts_u10p6	192	
k_LVSMDetect_ms_u16p0	48054	
k_LVSMNotDetect_Volts_u10p6	448	
k_LVSMNotDetect_ms_u16p0	36534	
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.5644245	
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2	
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	112.882156	

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16392		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3561611264		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LOISet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	3754235904	✔
CustBattDiag_LVCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	398777344	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4249569280	4249569280	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2443405824	2443405824	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	3588861952	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVLSClr_ms_M_u32p0	4176016384	4176016384	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048	1941698048	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768	2962080768	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784	1287734784	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

Test Step 2.21 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	4249569280	
CustBattDiag_LOISet_ms_M_u32p0	2443405824	
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	
CustBattDiag_LVCSet_ms_M_u32p0	1355135488	
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168	
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280	
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824	
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704	
CustBattDiag_LVLSClr_ms_M_u32p0	4176016384	
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048	
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768	
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1	
k_CustBattDiagLOIspd_kph_f32	367.035919	
k_CustBattDiaghispd_kph_f32	83.7351837	
k_CustBattDiaglospd_kph_f32	201.401382	
k_LOIDetect_ms_u16p0	27771	
k_LOINotDetect_ms_u16p0	14320	
k_LVCDetect_Volts_u10p6	192	
k_LVCDetect_ms_u16p0	15742	
k_LVCNotDetect_Volts_u10p6	448	
k_LVCNotDetect_ms_u16p0	33029	

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CustBattDiag\_Per2

Name	Input Value		
k_LVHSCDetect_Volts_u10p6	1792		
k_LVHSCDetect_ms_u16p0	57886		
k_LVHSCNotDetect_Volts_u10p6	448		
k_LVHSCNotDetect_ms_u16p0	36989		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	61820		
k_LVHSNotDetect_Volts_u10p6	448		
k_LVHSNotDetect_ms_u16p0	53682		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	38739		
k_LVLSCNotDetect_Volts_u10p6	448		
k_LVLSCNotDetect_ms_u16p0	28387		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	28698		
k_LVLSSNotDetect_Volts_u10p6	448		
k_LVLSSNotDetect_ms_u16p0	12902		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	48054		
k_LVSMNotDetect_Volts_u10p6	448		
k_LVSMNotDetect_ms_u16p0	36534		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.5644245		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	112.882156		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16392		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3561611264		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LOISet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	3754235904	✔
CustBattDiag_LVCSet_ms_M_u32p0	1355135488	1355135488	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	398777344	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168	2143559168	✔
CustBattDiag_LVHSSClr_ms_M_u32p0	4249569280	4249569280	✔
CustBattDiag_LVHSSSet_ms_M_u32p0	2443405824	2443405824	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	3588861952	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704	2463240704	✔
CustBattDiag_LVLSSClr_ms_M_u32p0	4176016384	4176016384	✔
CustBattDiag_LVLSSSet_ms_M_u32p0	1941698048	1941698048	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768	2962080768	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784	1287734784	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.22 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	4249569280	
CustBattDiag_LOISet_ms_M_u32p0	2443405824	
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	
CustBattDiag_LVCSet_ms_M_u32p0	1355135488	
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168	
CustBattDiag_LVHSSClr_ms_M_u32p0	4249569280	
CustBattDiag_LVHSSSet_ms_M_u32p0	2443405824	
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704	
CustBattDiag_LVLSSClr_ms_M_u32p0	4176016384	

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048		
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768		
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	367.035919		
k_CustBattDiaghispd_kph_f32	83.7351837		
k_CustBattDiaglospd_kph_f32	201.401382		
k_LOIDetect_ms_u16p0	27771		
k_LOINotDetect_ms_u16p0	14320		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	15742		
k_LVCNotDetect_Volts_u10p6	448		
k_LVCNotDetect_ms_u16p0	33029		
k_LVHSCDetect_Volts_u10p6	1792		
k_LVHSCDetect_ms_u16p0	57886		
k_LVHSCNotDetect_Volts_u10p6	448		
k_LVHSCNotDetect_ms_u16p0	36989		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	61820		
k_LVHSNotDetect_Volts_u10p6	448		
k_LVHSNotDetect_ms_u16p0	53682		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	38739		
k_LVLSCNotDetect_Volts_u10p6	448		
k_LVLSCNotDetect_ms_u16p0	28387		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	28698		
k_LVLSNotDetect_Volts_u10p6	448		
k_LVLSNotDetect_ms_u16p0	12902		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	48054		
k_LVSMNotDetect_Volts_u10p6	448		
k_LVSMNotDetect_ms_u16p0	36534		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.5644245		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	112.882156		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16392		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3561611264		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LOISet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	3754235904	✔
CustBattDiag_LVCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	398777344	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280	4249569280	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824	2443405824	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	3588861952	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVLSClr_ms_M_u32p0	4176016384	4176016384	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048	1941698048	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768	2962080768	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784	1287734784	✔

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CustBattDiag\_Per2



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.23 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4074564352
CustBattDiag_LOISet_ms_M_u32p0	953976064
CustBattDiag_LVCClr_ms_M_u32p0	917469952
CustBattDiag_LVCSet_ms_M_u32p0	682988800
CustBattDiag_LVHSCClr_ms_M_u32p0	851455744
CustBattDiag_LVHSCSet_ms_M_u32p0	38430976
CustBattDiag_LVHSCClr_ms_M_u32p0	4074564352
CustBattDiag_LVHSSet_ms_M_u32p0	953976064
CustBattDiag_LVLSCClr_ms_M_u32p0	1151447808
CustBattDiag_LVLSCSet_ms_M_u32p0	2716896512
CustBattDiag_LVLSClr_ms_M_u32p0	3719554816
CustBattDiag_LVLSSet_ms_M_u32p0	1942151424
CustBattDiag_LVSMClr_ms_M_u32p0	235239168
CustBattDiag_LVSMSet_ms_M_u32p0	1643311360
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	0
k_CustBattDiaghispd_kph_f32	45.300251
k_CustBattDiaglospd_kph_f32	261.724152
k_LOIDetect_ms_u16p0	18932
k_LOINotDetect_ms_u16p0	19339
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	40042
k_LVCNotDetect_Volts_u10p6	320
k_LVCNotDetect_ms_u16p0	47566
k_LVHSCDetect_Volts_u10p6	960
k_LVHSCDetect_ms_u16p0	2379
k_LVHSCNotDetect_Volts_u10p6	320
k_LVHSCNotDetect_ms_u16p0	59430
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	50130
k_LVHSNotDetect_Volts_u10p6	320
k_LVHSNotDetect_ms_u16p0	7206
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	56540
k_LVLSNotDetect_Volts_u10p6	320
k_LVLSNotDetect_ms_u16p0	60579
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	49447
k_LVLSNotDetect_Volts_u10p6	320
k_LVLSNotDetect_ms_u16p0	44987
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	57586
k_LVSMNotDetect_Volts_u10p6	320
k_LVSMNotDetect_ms_u16p0	7275
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.1723061
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	187.619736		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	61500		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1178673920		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1178673920	1178673920	✔
CustBattDiag_LOISet_ms_M_u32p0	1178673920	1178673920	✔
CustBattDiag_LVCClr_ms_M_u32p0	917469952	917469952	✔
CustBattDiag_LVCSet_ms_M_u32p0	682988800	682988800	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	851455744	851455744	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	38430976	38430976	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4074564352	4074564352	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	953976064	953976064	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1151447808	1151447808	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2716896512	2716896512	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3719554816	3719554816	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1942151424	1942151424	✔
CustBattDiag_LVSMClr_ms_M_u32p0	235239168	235239168	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1643311360	1643311360	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.24 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3631481344
CustBattDiag_LOISet_ms_M_u32p0	492647424
CustBattDiag_LVCClr_ms_M_u32p0	1262244352
CustBattDiag_LVCSet_ms_M_u32p0	3323069440
CustBattDiag_LVHSCClr_ms_M_u32p0	2866427392
CustBattDiag_LVHSCSet_ms_M_u32p0	1168345088
CustBattDiag_LVHSCClr_ms_M_u32p0	3631481344
CustBattDiag_LVHSCSet_ms_M_u32p0	492647424
CustBattDiag_LVLSCClr_ms_M_u32p0	3494226432
CustBattDiag_LVLSCSet_ms_M_u32p0	474029056
CustBattDiag_LVLSClr_ms_M_u32p0	1054805504
CustBattDiag_LVLSSet_ms_M_u32p0	2300190720
CustBattDiag_LVSMClr_ms_M_u32p0	2821348864
CustBattDiag_LVSMSet_ms_M_u32p0	1388965888
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	512
k_CustBattDiaghispd_kph_f32	163.454361
k_CustBattDiaglospd_kph_f32	178.540237
k_LOIDetect_ms_u16p0	34100
k_LOINotDetect_ms_u16p0	13446
k_LVCDetect_Volts_u10p6	1280
k_LVCDetect_ms_u16p0	15698
k_LVCNotDetect_Volts_u10p6	1280
k_LVCNotDetect_ms_u16p0	3390
k_LVHSCDetect_Volts_u10p6	1600
k_LVHSCDetect_ms_u16p0	58991
k_LVHSCNotDetect_Volts_u10p6	1280
k_LVHSCNotDetect_ms_u16p0	27639
k_LVHSDetect_Volts_u10p6	1280
k_LVHSDetect_ms_u16p0	31994
k_LVHSNotDetect_Volts_u10p6	1280
k_LVHSNotDetect_ms_u16p0	26904



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CustBattDiag\_Per2

Name	Input Value
k_LVLSCDetect_Volts_u10p6	1280
k_LVLSCDetect_ms_u16p0	21037
k_LVLSCNotDetect_Volts_u10p6	1280
k_LVLSCNotDetect_ms_u16p0	16239
k_LVLSDetect_Volts_u10p6	1280
k_LVLSDetect_ms_u16p0	55661
k_LVLNotDetect_Volts_u10p6	1280
k_LVLNotDetect_ms_u16p0	19785
k_LVSMDetect_Volts_u10p6	1280
k_LVSMDetect_ms_u16p0	61995
k_LVSMNotDetect_Volts_u10p6	1280
k_LVSMNotDetect_ms_u16p0	600
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.7085824
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	393.839813
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	61325
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3576125952
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3576125952	3576125952	✓
CustBattDiag_LOISet_ms_M_u32p0	3576125952	3576125952	✓
CustBattDiag_LVCClr_ms_M_u32p0	1262244352	1262244352	✓
CustBattDiag_LVCSet_ms_M_u32p0	3323069440	3323069440	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2866427392	2866427392	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1168345088	1168345088	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3631481344	3631481344	✓
CustBattDiag_LVHSSet_ms_M_u32p0	492647424	492647424	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3494226432	3494226432	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	474029056	474029056	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1054805504	1054805504	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2300190720	2300190720	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2821348864	2821348864	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1388965888	1388965888	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.25 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	80395520
CustBattDiag_LOISet_ms_M_u32p0	2438407936
CustBattDiag_LVCClr_ms_M_u32p0	4054961408
CustBattDiag_LVCSet_ms_M_u32p0	779663104
CustBattDiag_LVHSCClr_ms_M_u32p0	392700160
CustBattDiag_LVHSCSet_ms_M_u32p0	3402902272
CustBattDiag_LVHSCClr_ms_M_u32p0	80395520
CustBattDiag_LVHSSet_ms_M_u32p0	2438407936
CustBattDiag_LVLSCClr_ms_M_u32p0	3589653760
CustBattDiag_LVLSCSet_ms_M_u32p0	1716219648
CustBattDiag_LVLSCClr_ms_M_u32p0	481925376
CustBattDiag_LVLSSet_ms_M_u32p0	3100664576
CustBattDiag_LVSMClr_ms_M_u32p0	4061636864
CustBattDiag_LVSMSet_ms_M_u32p0	2667639552
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4



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CustBattDiag\_Per2

Name	Input Value
k_CustBattDiagLOIspd_kph_f32	289.119995
k_CustBattDiaghispd_kph_f32	153.131607
k_CustBattDiaglospd_kph_f32	230.926376
k_LOIDetect_ms_u16p0	2161
k_LOINotDetect_ms_u16p0	15922
k_LVCDetect_Volts_u10p6	1792
k_LVCDetect_ms_u16p0	53654
k_LVCNotDetect_Volts_u10p6	512
k_LVCNotDetect_ms_u16p0	18827
k_LVHSCDetect_Volts_u10p6	1728
k_LVHSCDetect_ms_u16p0	1790
k_LVHSCNotDetect_Volts_u10p6	512
k_LVHSCNotDetect_ms_u16p0	28702
k_LVHSDetect_Volts_u10p6	1792
k_LVHSDetect_ms_u16p0	28926
k_LVHSNotDetect_Volts_u10p6	512
k_LVHSNotDetect_ms_u16p0	11612
k_LVLSCDetect_Volts_u10p6	1792
k_LVLSCDetect_ms_u16p0	53366
k_LVLSCNotDetect_Volts_u10p6	512
k_LVLSCNotDetect_ms_u16p0	4840
k_LVLSDetect_Volts_u10p6	1792
k_LVLSDetect_ms_u16p0	7765
k_LVLSNotDetect_Volts_u10p6	512
k_LVLSNotDetect_ms_u16p0	25593
k_LVSMDetect_Volts_u10p6	1792
k_LVSMDetect_ms_u16p0	60349
k_LVSMNotDetect_Volts_u10p6	512
k_LVSMNotDetect_ms_u16p0	54124
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.5824833
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	119.06868
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	29141
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2853221632
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2853221632	2853221632	✓
CustBattDiag_LOISet_ms_M_u32p0	2853221632	2853221632	✓
CustBattDiag_LVCClr_ms_M_u32p0	4054961408	4054961408	✓
CustBattDiag_LVCSet_ms_M_u32p0	779663104	779663104	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	392700160	392700160	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3402902272	3402902272	✓
CustBattDiag_LVHSClr_ms_M_u32p0	80395520	80395520	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2438407936	2438407936	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3589653760	3589653760	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1716219648	1716219648	✓
CustBattDiag_LVLSClr_ms_M_u32p0	481925376	481925376	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3100664576	3100664576	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4061636864	4061636864	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2667639552	2667639552	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.26 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1483901952	
CustBattDiag_LOISet_ms_M_u32p0	3237301760	

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Name	Input Value		
CustBattDiag_LVCClr_ms_M_u32p0	3254606848		
CustBattDiag_LVCSet_ms_M_u32p0	600874496		
CustBattDiag_LVHSCClr_ms_M_u32p0	3274334208		
CustBattDiag_LVHSCSet_ms_M_u32p0	1032733184		
CustBattDiag_LVHSClr_ms_M_u32p0	1483901952		
CustBattDiag_LVHSSet_ms_M_u32p0	3237301760		
CustBattDiag_LVLSCClr_ms_M_u32p0	990999552		
CustBattDiag_LVLSCSet_ms_M_u32p0	1295545856		
CustBattDiag_LVLSCLR_ms_M_u32p0	4011194368		
CustBattDiag_LVLSSet_ms_M_u32p0	3396966912		
CustBattDiag_LVSMClr_ms_M_u32p0	993773568		
CustBattDiag_LVSMSet_ms_M_u32p0	1311238656		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOIspd_kph_f32	301.298523		
k_CustBattDiaghispd_kph_f32	145.618637		
k_CustBattDiaglospd_kph_f32	376.702209		
k_LOIDetect_ms_u16p0	0		
k_LOINotDetect_ms_u16p0	17244		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	40919		
k_LVCNotDetect_Volts_u10p6	256		
k_LVCNotDetect_ms_u16p0	24783		
k_LVHSCDetect_Volts_u10p6	320		
k_LVHSCDetect_ms_u16p0	27997		
k_LVHSCNotDetect_Volts_u10p6	256		
k_LVHSCNotDetect_ms_u16p0	9430		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	9855		
k_LVHSNotDetect_Volts_u10p6	256		
k_LVHSNotDetect_ms_u16p0	20284		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	43750		
k_LVLSCNotDetect_Volts_u10p6	256		
k_LVLSCNotDetect_ms_u16p0	42218		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	38506		
k_LVLSNotDetect_Volts_u10p6	256		
k_LVLSNotDetect_ms_u16p0	49621		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	26450		
k_LVSMNotDetect_Volts_u10p6	256		
k_LVSMNotDetect_ms_u16p0	18334		
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.825098		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	136.152252		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	23113		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	377529344		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	377529344	377529344	✔
CustBattDiag_LOISet_ms_M_u32p0	377529344	377529344	✔
CustBattDiag_LVCClr_ms_M_u32p0	3254606848	3254606848	✔
CustBattDiag_LVCSet_ms_M_u32p0	600874496	600874496	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3274334208	3274334208	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1032733184	1032733184	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1483901952	1483901952	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3237301760	3237301760	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	990999552	990999552	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1295545856	1295545856	✔
CustBattDiag_LVLSCLR ms M_u32p0	4011194368	4011194368	✔

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSSet_ms_M_u32p0	3396966912	3396966912	✓
CustBattDiag_LVSMClr_ms_M_u32p0	993773568	993773568	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1311238656	1311238656	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.27 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2205622016
CustBattDiag_LOISet_ms_M_u32p0	3212237056
CustBattDiag_LVCClr_ms_M_u32p0	3054939904
CustBattDiag_LVCSets_ms_M_u32p0	3894733056
CustBattDiag_LVHSCClr_ms_M_u32p0	2610930432
CustBattDiag_LVHSCSet_ms_M_u32p0	243006720
CustBattDiag_LVHSCClr_ms_M_u32p0	2205622016
CustBattDiag_LVHSCSet_ms_M_u32p0	3212237056
CustBattDiag_LVLSCClr_ms_M_u32p0	1496999680
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240
CustBattDiag_LVLSCLR_ms_M_u32p0	3829193472
CustBattDiag_LVLSSet_ms_M_u32p0	3810129152
CustBattDiag_LVSMClr_ms_M_u32p0	2601216768
CustBattDiag_LVSMSet_ms_M_u32p0	3041854720
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	45.4453697
k_CustBattDiaghispd_kph_f32	379.788818
k_CustBattDiaglospd_kph_f32	409.25943
k_LOIDetect_ms_u16p0	65535
k_LOINotDetect_ms_u16p0	32088
k_LVCDetect_Volts_u10p6	1560
k_LVCDetect_ms_u16p0	50161
k_LVCNotDetect_Volts_u10p6	640
k_LVCNotDetect_ms_u16p0	26241
k_LVHSCDetect_Volts_u10p6	768
k_LVHSCDetect_ms_u16p0	4637
k_LVHSCNotDetect_Volts_u10p6	640
k_LVHSCNotDetect_ms_u16p0	29483
k_LVHSDetect_Volts_u10p6	1560
k_LVHSDetect_ms_u16p0	33110
k_LVHSNotDetect_Volts_u10p6	640
k_LVHSNotDetect_ms_u16p0	19866
k_LVLSCDetect_Volts_u10p6	1560
k_LVLSCDetect_ms_u16p0	19379
k_LVLSCNotDetect_Volts_u10p6	640
k_LVLSCNotDetect_ms_u16p0	31136
k_LVLSDetect_Volts_u10p6	1560
k_LVLSDetect_ms_u16p0	35272
k_LVLSNotDetect_Volts_u10p6	640
k_LVLSNotDetect_ms_u16p0	29309
k_LVSMDetect_Volts_u10p6	1560
k_LVSMDetect_ms_u16p0	60334
k_LVSMNotDetect_Volts_u10p6	640
k_LVSMNotDetect_ms_u16p0	58564
target_CustBattDiag_Per2_Batt_Volt_f32.value	24.5667973
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	294.278442
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33544
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3215775488
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3215775488	3215775488	✓
CustBattDiag_LOISet_ms_M_u32p0	3212237056	3212237056	✓
CustBattDiag_LVCClr_ms_M_u32p0	3054939904	3054939904	✓
CustBattDiag_LVCSet_ms_M_u32p0	3894733056	3894733056	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2610930432	2610930432	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	243006720	243006720	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2205622016	2205622016	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3215775488	3215775488	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1496999680	1496999680	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240	2035114240	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3829193472	3829193472	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3215775488	3215775488	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2601216768	2601216768	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3041854720	3041854720	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE1	0xE1	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE2	0xE2	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.28 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	2155177472	
CustBattDiag_LOISet_ms_M_u32p0	2346596352	
CustBattDiag_LVCClr_ms_M_u32p0	2597762560	
CustBattDiag_LVCSet_ms_M_u32p0	504629248	
CustBattDiag_LVHSCClr_ms_M_u32p0	1863047680	
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712	
CustBattDiag_LVHSCClr_ms_M_u32p0	2155177472	
CustBattDiag_LVHSCSet_ms_M_u32p0	2346596352	
CustBattDiag_LVLSCClr_ms_M_u32p0	105614848	
CustBattDiag_LVLSCSet_ms_M_u32p0	3262816256	
CustBattDiag_LVLSCClr_ms_M_u32p0	2954113536	
CustBattDiag_LVLSCSet_ms_M_u32p0	543482880	
CustBattDiag_LVSMClr_ms_M_u32p0	3119022592	
CustBattDiag_LVSMSet_ms_M_u32p0	2449847296	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOIspd_kph_f32	320.638763	
k_CustBattDiaghispd_kph_f32	292.821899	
k_CustBattDiaglospd_kph_f32	408.871185	

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CustBattDiag\_Per2

Name	Input Value
k_LOIDetect_ms_u16p0	59676
k_LOINotDetect_ms_u16p0	58096
k_LVCDetect_Volts_u10p6	256
k_LVCDetect_ms_u16p0	6926
k_LVCNotDetect_Volts_u10p6	1664
k_LVCNotDetect_ms_u16p0	25334
k_LVHSCDetect_Volts_u10p6	256
k_LVHSCDetect_ms_u16p0	3146
k_LVHSCNotDetect_Volts_u10p6	1664
k_LVHSCNotDetect_ms_u16p0	12982
k_LVHSDetect_Volts_u10p6	256
k_LVHSDetect_ms_u16p0	28349
k_LVHSNotDetect_Volts_u10p6	1664
k_LVHSNotDetect_ms_u16p0	5772
k_LVLSCDetect_Volts_u10p6	256
k_LVLSCDetect_ms_u16p0	18681
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	19274
k_LVLSDetect_Volts_u10p6	256
k_LVLSDetect_ms_u16p0	3290
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	61904
k_LVSMDetect_Volts_u10p6	256
k_LVSMDetect_ms_u16p0	59720
k_LVSMNotDetect_Volts_u10p6	1664
k_LVSMNotDetect_ms_u16p0	4124
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.74556828
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	185.706665
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53879
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3904126464
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2155177472	2155177472	✓
CustBattDiag_LOISet_ms_M_u32p0	3904126464	3904126464	✓
CustBattDiag_LVCClr_ms_M_u32p0	2597762560	2597762560	✓
CustBattDiag_LVCSets_ms_M_u32p0	504629248	504629248	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1863047680	1863047680	✓
CustBattDiag_LVHSCSets_ms_M_u32p0	2422131712	2422131712	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3904126464	3904126464	✓
CustBattDiag_LVHSCSets_ms_M_u32p0	3904126464	3904126464	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	105614848	105614848	✓
CustBattDiag_LVLSCSets_ms_M_u32p0	3262816256	3262816256	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3904126464	3904126464	✓
CustBattDiag_LVLSSets_ms_M_u32p0	3904126464	3904126464	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3119022592	3119022592	✓
CustBattDiag_LVSMSets_ms_M_u32p0	2449847296	2449847296	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

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CustBattDiag\_Per2

## Test Step 2.29 (Repeat Count = 1)



Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1062637824
CustBattDiag_LOISet_ms_M_u32p0	2128878336
CustBattDiag_LVCClr_ms_M_u32p0	3648168192
CustBattDiag_LVCSet_ms_M_u32p0	2743249664
CustBattDiag_LVHSCClr_ms_M_u32p0	241382656
CustBattDiag_LVHSCSet_ms_M_u32p0	3702677248
CustBattDiag_LVHSCClr_ms_M_u32p0	1062637824
CustBattDiag_LVHSCSet_ms_M_u32p0	2128878336
CustBattDiag_LVLSCClr_ms_M_u32p0	410261760
CustBattDiag_LVLSCSet_ms_M_u32p0	783213312
CustBattDiag_LVLSCClr_ms_M_u32p0	2057972992
CustBattDiag_LVLSCSet_ms_M_u32p0	2197821184
CustBattDiag_LVSMClr_ms_M_u32p0	3530374400
CustBattDiag_LVSMSet_ms_M_u32p0	1969071872
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	42.3441696
k_CustBattDiaghispd_kph_f32	85.7792435
k_CustBattDiaglospd_kph_f32	214.37323
k_LOIDetect_ms_u16p0	12489
k_LOINotDetect_ms_u16p0	0
k_LVCDetect_Volts_u10p6	448
k_LVCDetect_ms_u16p0	31604
k_LVCNotDetect_Volts_u10p6	1344
k_LVCNotDetect_ms_u16p0	29940
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	5247
k_LVHSCNotDetect_Volts_u10p6	1344
k_LVHSCNotDetect_ms_u16p0	9330
k_LVHSDetect_Volts_u10p6	448
k_LVHSDetect_ms_u16p0	23749
k_LVHSNotDetect_Volts_u10p6	1344
k_LVHSNotDetect_ms_u16p0	40850
k_LVLSCDetect_Volts_u10p6	448
k_LVLSCDetect_ms_u16p0	25121
k_LVLSCNotDetect_Volts_u10p6	1344
k_LVLSCNotDetect_ms_u16p0	5864
k_LVLSDetect_Volts_u10p6	448
k_LVLSDetect_ms_u16p0	7199
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	61428
k_LVSMDetect_Volts_u10p6	448
k_LVSMDetect_ms_u16p0	117
k_LVSMNotDetect_Volts_u10p6	1344
k_LVSMNotDetect_ms_u16p0	46513

target\_CustBattDiag\_Per2\_Batt\_Volt\_f32.v

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	2128878336	2128878336	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	410261760	410261760	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	783213312	783213312	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2057972992	2057972992	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2197821184	2197821184	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3530374400	3530374400	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1969071872	1969071872	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.30 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1360990208
CustBattDiag_LOISet_ms_M_u32p0	2367582720
CustBattDiag_LVCClr_ms_M_u32p0	3339378688
CustBattDiag_LVCSet_ms_M_u32p0	2374156800
CustBattDiag_LVHSCClr_ms_M_u32p0	1401496576
CustBattDiag_LVHSCSet_ms_M_u32p0	1908647424
CustBattDiag_LVHSClr_ms_M_u32p0	1360990208
CustBattDiag_LVHSSet_ms_M_u32p0	2367582720
CustBattDiag_LVLSCClr_ms_M_u32p0	98990080
CustBattDiag_LVLSCSet_ms_M_u32p0	48110080
CustBattDiag_LVLSClr_ms_M_u32p0	9714688
CustBattDiag_LVLSSet_ms_M_u32p0	4223303168
CustBattDiag_LVSMClr_ms_M_u32p0	2576026624
CustBattDiag_LVSMSet_ms_M_u32p0	1323421184
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	485.808685
k_CustBattDiaghispd_kph_f32	26.674984
k_CustBattDiaglospd_kph_f32	70.2925415
k_LOIDetect_ms_u16p0	13711
k_LOINotDetect_ms_u16p0	65535
k_LVCDetect_Volts_u10p6	1664
k_LVCDetect_ms_u16p0	6414
k_LVCNotDetect_Volts_u10p6	320
k_LVCNotDetect_ms_u16p0	39142
k_LVHSCDetect_Volts_u10p6	1920
k_LVHSCDetect_ms_u16p0	1964
k_LVHSCNotDetect_Volts_u10p6	320
k_LVHSCNotDetect_ms_u16p0	11820
k_LVHSDetect_Volts_u10p6	1664
k_LVHSDetect_ms_u16p0	24571
k_LVHSNotDetect_Volts_u10p6	320
k_LVHSNotDetect_ms_u16p0	51434
k_LVLSCDetect_Volts_u10p6	1664
k_LVLSCDetect_ms_u16p0	54196
k_LVLSCNotDetect_Volts_u10p6	320
k_LVLSCNotDetect_ms_u16p0	25145
k_LVLSDetect_Volts_u10p6	1664
k_LVLSDetect_ms_u16p0	5341
k_LVLSNotDetect_Volts_u10p6	320
k_LVLSNotDetect_ms_u16p0	61749
k_LVSMDetect_Volts_u10p6	1664
k_LVSMDetect_ms_u16p0	31482
k_LVSMNotDetect_Volts_u10p6	320
k_LVSMNotDetect_ms_u16p0	48670
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.3762341
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	147.878357



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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	38		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	2199169024		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2199169024	2199169024	✔
CustBattDiag_LOISet_ms_M_u32p0	2199169024	2199169024	✔
CustBattDiag_LVCClr_ms_M_u32p0	3339378688	3339378688	✔
CustBattDiag_LVCSet_ms_M_u32p0	2374156800	2374156800	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1401496576	1401496576	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1908647424	1908647424	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1360990208	1360990208	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2367582720	2367582720	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	98990080	98990080	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	48110080	48110080	✔
CustBattDiag_LVLSClr_ms_M_u32p0	9714688	9714688	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4223303168	4223303168	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2576026624	2576026624	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1323421184	1323421184	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓	

Test Step 2.31 (Repeat Count = 1)			
Name	Input Value		
CustBattDiag_LOIClr_ms_M_u32p0	3766588160		
CustBattDiag_LOISet_ms_M_u32p0	3700124928		
CustBattDiag_LVCClr_ms_M_u32p0	2986222336		
CustBattDiag_LVCSet_ms_M_u32p0	2426305792		
CustBattDiag_LVHSCClr_ms_M_u32p0	3398653696		
CustBattDiag_LVHSCSet_ms_M_u32p0	1953222912		
CustBattDiag_LVHSClr_ms_M_u32p0	3766588160		
CustBattDiag_LVHSCSet_ms_M_u32p0	3700124928		
CustBattDiag_LVLSCClr_ms_M_u32p0	2177587968		
CustBattDiag_LVLSCSet_ms_M_u32p0	1810658560		
CustBattDiag_LVLSClr_ms_M_u32p0	1842482944		
CustBattDiag_LVLSSet_ms_M_u32p0	3756476672		
CustBattDiag_LVSMClr_ms_M_u32p0	3257769728		
CustBattDiag_LVSMSet_ms_M_u32p0	1739675904		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOIspd_kph_f32	169.360382		
k_CustBattDiaghispd_kph_f32	288.871979		
k_CustBattDiaglospd_kph_f32	472.945709		
k_LOIDetect_ms_u16p0	10456		
k_LOINotDetect_ms_u16p0	30794		
k_LVCDetect_Volts_u10p6	576		
k_LVCDetect_ms_u16p0	13274		
k_LVCNotDetect_Volts_u10p6	1536		
k_LVCNotDetect_ms_u16p0	53068		
k_LVHSCDetect_Volts_u10p6	1856		
k_LVHSCDetect_ms_u16p0	15041		
k_LVHSCNotDetect_Volts_u10p6	1536		
k_LVHSCNotDetect_ms_u16p0	9273		
k_LVHSDetect_Volts_u10p6	576		
k_LVHSDetect_ms_u16p0	7797		
k_LVHSNotDetect_Volts_u10p6	1536		
k_LVHSNotDetect_ms_u16p0	44958		
k_LVLSCDetect_Volts_u10p6	576		



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CustBattDiag\_Per2

Name	Input Value
k_LVLSCDetect_ms_u16p0	30679
k_LVLSCNotDetect_Volts_u10p6	1536
k_LVLSCNotDetect_ms_u16p0	9664
k_LVLSDetect_Volts_u10p6	576
k_LVLSDetect_ms_u16p0	59135
k_LVLSCNotDetect_Volts_u10p6	1536
k_LVLSCNotDetect_ms_u16p0	43629
k_LVSMDetect_Volts_u10p6	576
k_LVSMDetect_ms_u16p0	64327
k_LVSMNotDetect_Volts_u10p6	1536
k_LVSMNotDetect_ms_u16p0	26962
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.2109947
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	189.088654
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	61443
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3204500224
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LOISet_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LVCClr_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LVCSets_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3766588160	3766588160	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3700124928	3700124928	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3204500224	3204500224	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1842482944	1842482944	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3756476672	3756476672	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3257769728	3257769728	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1739675904	1739675904	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.32 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3559262720
CustBattDiag_LOISet_ms_M_u32p0	4025515008
CustBattDiag_LVCClr_ms_M_u32p0	3320863232
CustBattDiag_LVCSets_ms_M_u32p0	3019328512
CustBattDiag_LVHSCClr_ms_M_u32p0	2181086720
CustBattDiag_LVHSCSet_ms_M_u32p0	2531217408
CustBattDiag_LVHSCClr_ms_M_u32p0	3559262720
CustBattDiag_LVHSCSet_ms_M_u32p0	4025515008
CustBattDiag_LVLSCClr_ms_M_u32p0	828944896
CustBattDiag_LVLSCSet_ms_M_u32p0	4025312256
CustBattDiag_LVLSCClr_ms_M_u32p0	421828096
CustBattDiag_LVLSSet_ms_M_u32p0	3092047872
CustBattDiag_LVSMClr_ms_M_u32p0	3193038336
CustBattDiag_LVSMSet_ms_M_u32p0	2637084672

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CustBattDiag\_Per2

Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0		
k_CustBattDiagLOIspd_kph_f32	96.8070526		
k_CustBattDiaghispd_kph_f32	498.065857		
k_CustBattDiaglospd_kph_f32	347.690521		
k_LOIDetect_ms_u16p0	47656		
k_LOINotDetect_ms_u16p0	26033		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	30883		
k_LVCNotDetect_Volts_u10p6	0		
k_LVCNotDetect_ms_u16p0	13669		
k_LVHSCDetect_Volts_u10p6	0		
k_LVHSCDetect_ms_u16p0	60334		
k_LVHSCNotDetect_Volts_u10p6	0		
k_LVHSCNotDetect_ms_u16p0	63581		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	64178		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_ms_u16p0	49998		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	4315		
k_LVLSCNotDetect_Volts_u10p6	0		
k_LVLSCNotDetect_ms_u16p0	55992		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	43908		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	14291		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	6858		
k_LVSMNotDetect_Volts_u10p6	0		
k_LVSMNotDetect_ms_u16p0	2627		
target_CustBattDiag_Per2_Batt_Volt_f32.value	12.6701546		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	326.560455		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	45015		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1535664640		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1535664640	1535664640	✔
CustBattDiag_LOISet_ms_M_u32p0	1535664640	1535664640	✔
CustBattDiag_LVCClr_ms_M_u32p0	3320863232	3320863232	✔
CustBattDiag_LVCSet_ms_M_u32p0	3019328512	3019328512	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2181086720	2181086720	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2531217408	2531217408	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3559262720	3559262720	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1535664640	1535664640	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	828944896	828944896	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4025312256	4025312256	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	421828096	421828096	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1535664640	1535664640	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3193038336	3193038336	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2637084672	2637084672	✔
NTC_Cnt_T_enum	0xE2	0xE2	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.33 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCLR_ms_M_u32p0	4294967295
CustBattDiag_LVLSSET_ms_M_u32p0	4294967295
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	512
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	512
k_LOIDetect_ms_u16p0	65535
k_LOINotDetect_ms_u16p0	65535
k_LVCDetect_Volts_u10p6	1984
k_LVCDetect_ms_u16p0	65535
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	65535
k_LVHSCDetect_Volts_u10p6	1984
k_LVHSCDetect_ms_u16p0	65535
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	65535
k_LVHSDetect_Volts_u10p6	1984
k_LVHSDetect_ms_u16p0	65535
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	65535
k_LVLSCDetect_Volts_u10p6	1984
k_LVLSCDetect_ms_u16p0	65535
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	65535
k_LVLSDetect_Volts_u10p6	1984
k_LVLSDetect_ms_u16p0	65535
k_LVLSNotDetect_Volts_u10p6	1984
k_LVLSNotDetect_ms_u16p0	65535
k_LVSMDetect_Volts_u10p6	1984
k_LVSMDetect_ms_u16p0	65535
k_LVSMNotDetect_Volts_u10p6	1984
k_LVSMNotDetect_ms_u16p0	65535
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1

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CustBattDiag\_Per2

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSSET_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 2.34 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2230637568
CustBattDiag_LOISet_ms_M_u32p0	4251112960
CustBattDiag_LVCClr_ms_M_u32p0	898737152
CustBattDiag_LVCSet_ms_M_u32p0	2787124736
CustBattDiag_LVHSCClr_ms_M_u32p0	4207224832
CustBattDiag_LVHSCSet_ms_M_u32p0	1642613248
CustBattDiag_LVHSCClr_ms_M_u32p0	2230637568
CustBattDiag_LVHSCSet_ms_M_u32p0	4251112960
CustBattDiag_LVLSCClr_ms_M_u32p0	3767319552
CustBattDiag_LVLSCSet_ms_M_u32p0	3146186240
CustBattDiag_LVLSCLR_ms_M_u32p0	3670523904
CustBattDiag_LVLSSET_ms_M_u32p0	344105472
CustBattDiag_LVSMClr_ms_M_u32p0	299864064
CustBattDiag_LVSMSet_ms_M_u32p0	3706909184
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	492.513275
k_CustBattDiaghispd_kph_f32	17.5019512
k_CustBattDiaglospd_kph_f32	190.223709
k_LOIDetect_ms_u16p0	59804
k_LOINotDetect_ms_u16p0	31007
k_LVCDetect_Volts_u10p6	192
k_LVCDetect_ms_u16p0	21225
k_LVCNotDetect_Volts_u10p6	1856
k_LVCNotDetect_ms_u16p0	42350
k_LVHSCDetect_Volts_u10p6	768
k_LVHSCDetect_ms_u16p0	59854
k_LVHSCNotDetect_Volts_u10p6	1856
k_LVHSCNotDetect_ms_u16p0	8099
k_LVHSDetect_Volts_u10p6	192
k_LVHSDetect_ms_u16p0	1841
k_LVHSNotDetect_Volts_u10p6	1856
k_LVHSNotDetect_ms_u16p0	28258
k_LVLSCDetect_Volts_u10p6	192
k_LVLSCDetect_ms_u16p0	63554

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CustBattDiag\_Per2

Name	Input Value		
k_LVLSCNotDetect_Volts_u10p6	1856		
k_LVLSCNotDetect_ms_u16p0	37302		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	14967		
k_LVLSCNotDetect_Volts_u10p6	1856		
k_LVLSCNotDetect_ms_u16p0	57323		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	48688		
k_LVSMNotDetect_Volts_u10p6	1856		
k_LVSMNotDetect_ms_u16p0	54812		
target_CustBattDiag_Per2_Batt_Volt_f32.value	25.376709		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	194.432114		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5665		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	992603136		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	992603136	992603136	✔
CustBattDiag_LOISet_ms_M_u32p0	992603136	992603136	✔
CustBattDiag_LVCClr_ms_M_u32p0	898737152	898737152	✔
CustBattDiag_LVCSet_ms_M_u32p0	2787124736	2787124736	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4207224832	4207224832	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1642613248	1642613248	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2230637568	2230637568	✔
CustBattDiag_LVHSSet_ms_M_u32p0	4251112960	4251112960	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3767319552	3767319552	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3146186240	3146186240	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3670523904	3670523904	✔
CustBattDiag_LVLSSet_ms_M_u32p0	344105472	344105472	✔
CustBattDiag_LVSMClr_ms_M_u32p0	299864064	299864064	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3706909184	3706909184	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.35 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3239069440
CustBattDiag_LOISet_ms_M_u32p0	2320384256
CustBattDiag_LVCClr_ms_M_u32p0	3866744576
CustBattDiag_LVCCSet_ms_M_u32p0	3914748160
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040
CustBattDiag_LVHSCClr_ms_M_u32p0	3239069440
CustBattDiag_LVHSCSet_ms_M_u32p0	2320384256
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224
CustBattDiag_LVLSCClr_ms_M_u32p0	38241024
CustBattDiag_LVLSSet_ms_M_u32p0	1394531584
CustBattDiag_LVSMClr_ms_M_u32p0	1077940992
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	131.33667
k_CustBattDiaghispd_kph_f32	471.819061

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Name	Input Value
k_CustBattDiagIospd_kph_f32	69.1914825
k_LOIDetect_ms_u16p0	52546
k_LOINotDetect_ms_u16p0	58158
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	65241
k_LVCNotDetect_Volts_u10p6	1280
k_LVCNotDetect_ms_u16p0	4035
k_LVHSCDetect_Volts_u10p6	576
k_LVHSCDetect_ms_u16p0	59627
k_LVHSCNotDetect_Volts_u10p6	1280
k_LVHSCNotDetect_ms_u16p0	12772
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	28514
k_LVHSNotDetect_Volts_u10p6	1280
k_LVHSNotDetect_ms_u16p0	17223
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	48574
k_LVLSNotDetect_Volts_u10p6	1280
k_LVLSNotDetect_ms_u16p0	49241
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	64448
k_LVLSNotDetect_Volts_u10p6	1280
k_LVLSNotDetect_ms_u16p0	35164
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	51508
k_LVSMNotDetect_Volts_u10p6	1280
k_LVSMNotDetect_ms_u16p0	36456
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.3157749
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.4979305
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	39328
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1892744960
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1892744960	1892744960	✓
CustBattDiag_LOISet_ms_M_u32p0	1892744960	1892744960	✓
CustBattDiag_LVCClr_ms_M_u32p0	3866744576	3866744576	✓
CustBattDiag_LVCSet_ms_M_u32p0	3914748160	3914748160	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264	3119467264	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040	1938679040	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3239069440	3239069440	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2320384256	2320384256	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024	1340641024	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224	1921108224	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	38241024	38241024	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1394531584	1394531584	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1077940992	1077940992	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808	3742231808	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.36 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4266257920
CustBattDiag_LOISet_ms_M_u32p0	720896000
CustBattDiag_LVCClr_ms_M_u32p0	3897376256
CustBattDiag_LVCSet_ms_M_u32p0	35639296

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Name	Input Value		
CustBattDiag_LVHSCClr_ms_M_u32p0	1153229312		
CustBattDiag_LVHSCSet_ms_M_u32p0	1791562752		
CustBattDiag_LVHSCClr_ms_M_u32p0	4266257920		
CustBattDiag_LVHSSet_ms_M_u32p0	720896000		
CustBattDiag_LVLSCClr_ms_M_u32p0	3974174208		
CustBattDiag_LVLSCSet_ms_M_u32p0	2323474432		
CustBattDiag_LVLSCClr_ms_M_u32p0	848574976		
CustBattDiag_LVLSSet_ms_M_u32p0	1710631936		
CustBattDiag_LVSMClr_ms_M_u32p0	3471477248		
CustBattDiag_LVSMSet_ms_M_u32p0	308870144		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	392.85791		
k_CustBattDiaghispd_kph_f32	124.190697		
k_CustBattDiaglospd_kph_f32	280.085236		
k_LOIDetect_ms_u16p0	52028		
k_LOINotDetect_ms_u16p0	7182		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	60917		
k_LVCNotDetect_Volts_u10p6	1088		
k_LVCNotDetect_ms_u16p0	33231		
k_LVHSCDetect_Volts_u10p6	128		
k_LVHSCDetect_ms_u16p0	9087		
k_LVHSCNotDetect_Volts_u10p6	1088		
k_LVHSCNotDetect_ms_u16p0	26926		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	29755		
k_LVHSNotDetect_Volts_u10p6	1088		
k_LVHSNotDetect_ms_u16p0	48164		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	25717		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	53181		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	7311		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	55764		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	10838		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	37841		
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.7872105		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	15.370966		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12368		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4159161856		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LOISet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVCCClr_ms_M_u32p0	3897376256	3897376256	✔
CustBattDiag_LVCSet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1153229312	1153229312	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4266257920	4266257920	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	720896000	720896000	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3974174208	3974174208	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVLSCLR_ms_M_u32p0	848574976	848574976	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1710631936	1710631936	✔
CustBattDiag_LVSMClr ms M_u32p0	3471477248	3471477248	✔



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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMSet_ms_M_u32p0	308870144	308870144	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.37 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVCClr_ms_M_u32p0	3576629504
CustBattDiag_LVCSet_ms_M_u32p0	3229569792
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVHSCClr_ms_M_u32p0	2717448448
CustBattDiag_LVHSSet_ms_M_u32p0	582402816
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632
CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
CustBattDiag_LVLSCClr_ms_M_u32p0	3712619776
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424
CustBattDiag_LVSMClr_ms_M_u32p0	92742912
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	118.50753
k_CustBattDiaghispd_kph_f32	12.7944412
k_CustBattDiaglospd_kph_f32	200.200348
k_LOIDetect_ms_u16p0	34440
k_LOINotDetect_ms_u16p0	15435
k_LVCDetect_Volts_u10p6	640
k_LVCDetect_ms_u16p0	63455
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	18567
k_LVHSCDetect_Volts_u10p6	768
k_LVHSCDetect_ms_u16p0	31745
k_LVHSCNotDetect_Volts_u10p6	0
k_LVHSCNotDetect_ms_u16p0	43307
k_LVHSDetect_Volts_u10p6	640
k_LVHSDetect_ms_u16p0	23915
k_LVHSNotDetect_Volts_u10p6	0
k_LVHSNotDetect_ms_u16p0	39657
k_LVLSCDetect_Volts_u10p6	640
k_LVLSCDetect_ms_u16p0	15053
k_LVLSCNotDetect_Volts_u10p6	0
k_LVLSCNotDetect_ms_u16p0	65455
k_LVLSDetect_Volts_u10p6	640
k_LVLSDetect_ms_u16p0	15391
k_LVLSNotDetect_Volts_u10p6	0
k_LVLSNotDetect_ms_u16p0	12808
k_LVSMDetect_Volts_u10p6	640
k_LVSMDetect_ms_u16p0	12394
k_LVSMNotDetect_Volts_u10p6	0



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CustBattDiag\_Per2

Name	Input Value		
k_LVSMNotDetect_ms_u16p0	10418		
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.0694981		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	165.727875		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	47293		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	444559616		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	3576629504	✔
CustBattDiag_LVCSet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024	2070945024	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2717448448	2717448448	✔
CustBattDiag_LVHSSet_ms_M_u32p0	582402816	582402816	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632	2228453632	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3712619776	3712619776	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	✔
CustBattDiag_LVSMClr_ms_M_u32p0	92742912	92742912	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	2069090048	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE3	0xE3	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.38 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVCClr_ms_M_u32p0	3576629504
CustBattDiag_LVCSet_ms_M_u32p0	3229569792
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVHSCClr_ms_M_u32p0	2717448448
CustBattDiag_LVHSSet_ms_M_u32p0	582402816
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632
CustBattDiag_LVLSSet_ms_M_u32p0	1002867456
CustBattDiag_LVLSCLR_ms_M_u32p0	3712619776
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424
CustBattDiag_LVSMClr_ms_M_u32p0	92742912

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CustBattDiag\_Per2

Name	Input Value
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOlspd_kph_f32	118.00053
k_CustBattDiaghispd_kph_f32	100.944412
k_CustBattDiaglospd_kph_f32	200.200348
k_LOIDetect_ms_u16p0	34440

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.39 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1383545600
CustBattDiag_LOISet_ms_M_u32p0	859002112
CustBattDiag_LVCClr_ms_M_u32p0	366856960
CustBattDiag_LVCSet_ms_M_u32p0	968910080
CustBattDiag_LVHSCClr_ms_M_u32p0	3729227520
CustBattDiag_LVHSCSet_ms_M_u32p0	1603680512
CustBattDiag_LVHSClr_ms_M_u32p0	1383545600
CustBattDiag_LVHSCSet_ms_M_u32p0	859002112
CustBattDiag_LVLSCClr_ms_M_u32p0	325452544
CustBattDiag_LVLSCLSet_ms_M_u32p0	2114018560
CustBattDiag_LVLSCLClr_ms_M_u32p0	3685824256
CustBattDiag_LVLSSet_ms_M_u32p0	838119680
CustBattDiag_LVSMClr_ms_M_u32p0	341231360
CustBattDiag_LVSMSet_ms_M_u32p0	2644033792
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	226.105026
k_CustBattDiaghispd_kph_f32	241.69725
k_CustBattDiaglospd_kph_f32	61.3359642
k_LOIDetect_ms_u16p0	2261
k_LOINotDetect_ms_u16p0	24736
k_LVCDetect_Volts_u10p6	1152
k_LVCDetect_ms_u16p0	20451
k_LVCNotDetect_Volts_u10p6	1040
k_LVCNotDetect_ms_u16p0	8635
k_LVHSCDetect_Volts_u10p6	1792
k_LVHSCDetect_ms_u16p0	35472
k_LVHSCNotDetect_Volts_u10p6	1040
k_LVHSCNotDetect_ms_u16p0	8446
k_LVHSDetect_Volts_u10p6	1152
k_LVHSDetect_ms_u16p0	55441
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	40936
k_LVLSCLDetect_Volts_u10p6	1152
k_LVLSCLDetect_ms_u16p0	40476
k_LVLSCLNotDetect_Volts_u10p6	1040
k_LVLSCLNotDetect_ms_u16p0	8959
k_LVLSDetect_Volts_u10p6	1152
k_LVLSDetect_ms_u16p0	5952
k_LVLSNotDetect_Volts_u10p6	1040
k_LVLSNotDetect_ms_u16p0	4960
k_LVSMDetect_Volts_u10p6	1152
k_LVSMDetect_ms_u16p0	17190
k_LVSMNotDetect_Volts_u10p6	1040
k_LVSMNotDetect_ms_u16p0	53914
target_CustBattDiag_Per2_Batt_Volt_f32.value	21.7121315
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5

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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_StdSelected_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	226.009506
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	59028
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	804352768
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_Igc	target_CustBattDiag_Per2_StdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LOISet_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVCClr_ms_M_u32p0	366856960	366856960	✓
CustBattDiag_LVCSets_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3729227520	3729227520	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1383545600	1383545600	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	859002112	859002112	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	325452544	325452544	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	3685824256	3685824256	✓
CustBattDiag_LVLSSet_ms_M_u32p0	838119680	838119680	✓
CustBattDiag_LVSMCLR_ms_M_u32p0	341231360	341231360	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2644033792	2644033792	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.40 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3336901120
CustBattDiag_LOISet_ms_M_u32p0	3449340928
CustBattDiag_LVCClr_ms_M_u32p0	183591424
CustBattDiag_LVCSets_ms_M_u32p0	36803584
CustBattDiag_LVHSCClr_ms_M_u32p0	2844018176
CustBattDiag_LVHSCSet_ms_M_u32p0	3774879744
CustBattDiag_LVHSClr_ms_M_u32p0	3336901120
CustBattDiag_LVHSCSet_ms_M_u32p0	3449340928
CustBattDiag_LVLSCClr_ms_M_u32p0	2570631680
CustBattDiag_LVLSCSet_ms_M_u32p0	2404297728
CustBattDiag_LVLSCLR_ms_M_u32p0	2653363712
CustBattDiag_LVLSSet_ms_M_u32p0	432320512
CustBattDiag_LVSMCLR_ms_M_u32p0	1047948800

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CustBattDiag\_Per2

Name	Input Value
CustBattDiag_LVSMSet_ms_M_u32p0	991461376
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	484.911499
k_CustBattDiaghispd_kph_f32	109.807312
k_CustBattDiaglospd_kph_f32	341.350281
k_LOIDetect_ms_u16p0	36817
k_LOINotDetect_ms_u16p0	27273
k_LVCDetect_Volts_u10p6	320
k_LVCDetect_ms_u16p0	51752
k_LVCNotDetect_Volts_u10p6	1040
k_LVCNotDetect_ms_u16p0	43705
k_LVHSCDetect_Volts_u10p6	960
k_LVHSCDetect_ms_u16p0	14817
k_LVHSCNotDetect_Volts_u10p6	1040
k_LVHSCNotDetect_ms_u16p0	18095
k_LVHSDetect_Volts_u10p6	320
k_LVHSDetect_ms_u16p0	32254
k_LVHSNotDetect_Volts_u10p6	1040
k_LVHSNotDetect_ms_u16p0	35601
k_LVLSCDetect_Volts_u10p6	320
k_LVLSCDetect_ms_u16p0	37293
k_LVLSCNotDetect_Volts_u10p6	1040
k_LVLSCNotDetect_ms_u16p0	60829
k_LVLSDetect_Volts_u10p6	320
k_LVLSDetect_ms_u16p0	16992
k_LVLSNotDetect_Volts_u10p6	1040
k_LVLSNotDetect_ms_u16p0	7065
k_LVSMDetect_Volts_u10p6	320
k_LVSMDetect_ms_u16p0	7887
k_LVSMNotDetect_Volts_u10p6	1040
k_LVSMNotDetect_ms_u16p0	33034
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.5412579
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	160.940979
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	61382
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4250298880
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4250298880	4250298880	✓
CustBattDiag_LOISet_ms_M_u32p0	4250298880	4250298880	✓
CustBattDiag_LVCClr_ms_M_u32p0	183591424	183591424	✓
CustBattDiag_LVCSet_ms_M_u32p0	36803584	36803584	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2844018176	2844018176	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3774879744	3774879744	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3336901120	3336901120	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3449340928	3449340928	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2570631680	2570631680	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2404297728	2404297728	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2653363712	2653363712	✓
CustBattDiag_LVLSSet_ms_M_u32p0	432320512	432320512	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1047948800	1047948800	✓
CustBattDiag_LVSMSet_ms_M_u32p0	991461376	991461376	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

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CustBattDiag\_Per2

Test Step 2.41 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		3239069440		
CustBattDiag_LOISet_ms_M_u32p0		2320384256		
CustBattDiag_LVCClr_ms_M_u32p0		3866744576		
CustBattDiag_LVCSet_ms_M_u32p0		3914748160		
CustBattDiag_LVHSCClr_ms_M_u32p0		3119467264		
CustBattDiag_LVHSCSet_ms_M_u32p0		1938679040		
CustBattDiag_LVHSClr_ms_M_u32p0		3239069440		
CustBattDiag_LVHSSet_ms_M_u32p0		2320384256		
CustBattDiag_LVLSCClr_ms_M_u32p0		1340641024		
CustBattDiag_LVLSCSet_ms_M_u32p0		1921108224		
CustBattDiag_LVLSClr_ms_M_u32p0		38241024		
CustBattDiag_LVLSSet_ms_M_u32p0		1394531584		
CustBattDiag_LVSMClr_ms_M_u32p0		1077940992		
CustBattDiag_LVSMSet_ms_M_u32p0		3742231808		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		1		
k_CustBattDiagLOIspd_kph_f32		131.33667		
k_CustBattDiaghispd_kph_f32		471.819061		
k_CustBattDiaglospd_kph_f32		69.1914825		
k_LOIDetect_ms_u16p0		52546		
k_LOINotDetect_ms_u16p0		58158		
k_LVCDetect_Volts_u10p6		0		
k_LVCDetect_ms_u16p0		65241		
k_LVCNotDetect_Volts_u10p6		1280		
k_LVCNotDetect_ms_u16p0		4035		
k_LVHSCDetect_Volts_u10p6		576		
k_LVHSCDetect_ms_u16p0		59627		
k_LVHSCNotDetect_Volts_u10p6		1280		
k_LVHSCNotDetect_ms_u16p0		12772		
k_LVHSDetect_Volts_u10p6		0		
k_LVHSDetect_ms_u16p0		28514		
k_LVHSNotDetect_Volts_u10p6		1280		
k_LVHSNotDetect_ms_u16p0		17223		
k_LVLSCDetect_Volts_u10p6		0		
k_LVLSCDetect_ms_u16p0		48574		
k_LVLSCNotDetect_Volts_u10p6		1280		
k_LVLSCNotDetect_ms_u16p0		49241		
k_LVLSDetect_Volts_u10p6		0		
k_LVLSDetect_ms_u16p0		64448		
k_LVLSNotDetect_Volts_u10p6		1280		
k_LVLSNotDetect_ms_u16p0		35164		
k_LVSMDetect_Volts_u10p6		0		
k_LVSMDetect_ms_u16p0		51508		
k_LVSMNotDetect_Volts_u10p6		1280		
k_LVSMNotDetect_ms_u16p0		36456		
target_CustBattDiag_Per2_Batt_Volt_f32.value		19.3157749		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value		0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value		0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		21.4979305		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		39328		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1892744960		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc		target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc		target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	1892744960	1892744960	✔	
CustBattDiag_LOISet_ms_M_u32p0	1892744960	1892744960	✔	
CustBattDiag_LVCClr_ms_M_u32p0	3866744576	3866744576	✔	
CustBattDiag_LVCSet_ms_M_u32p0	3914748160	3914748160	✔	
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264	3119467264	✔	
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040	1938679040	✔	

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSClr_ms_M_u32p0	3239069440	3239069440	✓
CustBattDiag_LVHSSet_ms_M_u32p0	2320384256	2320384256	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024	1340641024	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224	1921108224	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	38241024	38241024	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1394531584	1394531584	✓
CustBattDiag_LVSMCLR_ms_M_u32p0	1077940992	1077940992	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808	3742231808	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.42 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	4266257920	
CustBattDiag_LOISet_ms_M_u32p0	720896000	
CustBattDiag_LVCClr_ms_M_u32p0	3897376256	
CustBattDiag_LVCSet_ms_M_u32p0	35639296	
CustBattDiag_LVHSCClr_ms_M_u32p0	1153229312	
CustBattDiag_LVHSCSet_ms_M_u32p0	1791562752	
CustBattDiag_LVHSClr_ms_M_u32p0	4266257920	
CustBattDiag_LVHSSet_ms_M_u32p0	720896000	
CustBattDiag_LVLSCClr_ms_M_u32p0	3974174208	
CustBattDiag_LVLSCSet_ms_M_u32p0	2323474432	
CustBattDiag_LVLSCLR_ms_M_u32p0	848574976	
CustBattDiag_LVLSSet_ms_M_u32p0	1710631936	
CustBattDiag_LVSMCLR_ms_M_u32p0	3471477248	
CustBattDiag_LVSMSet_ms_M_u32p0	308870144	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOIspd_kph_f32	392.85791	
k_CustBattDiaghispd_kph_f32	124.190697	
k_CustBattDiaglospd_kph_f32	280.085236	
k_LOIDetect_ms_u16p0	52028	
k_LOINotDetect_ms_u16p0	7182	
k_LVCDetect_Volts_u10p6	1984	
k_LVCDetect_ms_u16p0	60917	
k_LVCNotDetect_Volts_u10p6	1088	
k_LVCNotDetect_ms_u16p0	33231	
k_LVHSCDetect_Volts_u10p6	128	
k_LVHSCDetect_ms_u16p0	9087	
k_LVHSCNotDetect_Volts_u10p6	1088	
k_LVHSCNotDetect_ms_u16p0	26926	
k_LVHSDetect_Volts_u10p6	1984	
k_LVHSDetect_ms_u16p0	29755	
k_LVHSNotDetect_Volts_u10p6	1088	
k_LVHSNotDetect_ms_u16p0	48164	
k_LVLSCDetect_Volts_u10p6	1984	
k_LVLSCDetect_ms_u16p0	25717	
k_LVLSNotDetect_Volts_u10p6	1088	
k_LVLSNotDetect_ms_u16p0	53181	
k_LVLSDetect_Volts_u10p6	1984	
k_LVLSDetect_ms_u16p0	7311	
k_LVLSNotDetect_Volts_u10p6	1088	
k_LVLSNotDetect_ms_u16p0	55764	
k_LVSMDetect_Volts_u10p6	1984	
k_LVSMDetect_ms_u16p0	10838	
k_LVSMNotDetect_Volts_u10p6	1088	
k_LVSMNotDetect_ms_u16p0	37841	
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.7872105	
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10	
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0	



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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	15.370966		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	12368		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4159161856		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LOISet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVCClr_ms_M_u32p0	3897376256	3897376256	✔
CustBattDiag_LVCSet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1153229312	1153229312	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVHSClr_ms_M_u32p0	4266257920	4266257920	✔
CustBattDiag_LVHSSet_ms_M_u32p0	720896000	720896000	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3974174208	3974174208	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4159161856	4159161856	✔
CustBattDiag_LVLSClr_ms_M_u32p0	848574976	848574976	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1710631936	1710631936	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3471477248	3471477248	✔
CustBattDiag_LVSMSet_ms_M_u32p0	308870144	308870144	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.43 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	743075584
CustBattDiag_LOISet_ms_M_u32p0	3320752384
CustBattDiag_LVCClr_ms_M_u32p0	4240310016
CustBattDiag_LVCSets_ms_M_u32p0	1569765632
CustBattDiag_LVHSCClr_ms_M_u32p0	1517286144
CustBattDiag_LVHSCSset_ms_M_u32p0	4101557504
CustBattDiag_LVHSCClr_ms_M_u32p0	743075584
CustBattDiag_LVHSSet_ms_M_u32p0	3320752384
CustBattDiag_LVLSCClr_ms_M_u32p0	1314371328
CustBattDiag_LVLSCSset_ms_M_u32p0	194982144
CustBattDiag_LVLSCClr_ms_M_u32p0	2590190336
CustBattDiag_LVLSSet_ms_M_u32p0	1373422848
CustBattDiag_LVSMClr_ms_M_u32p0	868596480
CustBattDiag_LVSMSet_ms_M_u32p0	365286656
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	344.108124
k_CustBattDiaghispd_kph_f32	2.19975305
k_CustBattDiaglospd_kph_f32	227.102081
k_LOIDetect_ms_u16p0	3271



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CustBattDiag\_Per2

Name	Input Value		
k_LOINotDetect_ms_u16p0	45509		
k_LVCDetect_Volts_u10p6	640		
k_LVCDetect_ms_u16p0	65067		
k_LVCNotDetect_Volts_u10p6	1088		
k_LVCNotDetect_ms_u16p0	20806		
k_LVHSCDetect_Volts_u10p6	960		
k_LVHSCDetect_ms_u16p0	10723		
k_LVHSCNotDetect_Volts_u10p6	1088		
k_LVHSCNotDetect_ms_u16p0	14493		
k_LVHSDetect_Volts_u10p6	640		
k_LVHSDetect_ms_u16p0	25270		
k_LVHSNotDetect_Volts_u10p6	1088		
k_LVHSNotDetect_ms_u16p0	59157		
k_LVLSCDetect_Volts_u10p6	640		
k_LVLSCDetect_ms_u16p0	4579		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	25988		
k_LVLSDetect_Volts_u10p6	640		
k_LVLSDetect_ms_u16p0	35058		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	53964		
k_LVSMDetect_Volts_u10p6	640		
k_LVSMDetect_ms_u16p0	57106		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	33469		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.4605503		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.635406		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	38353		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4185270016		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4185270016	4185270016	✔
CustBattDiag_LOISet_ms_M_u32p0	4185270016	4185270016	✔
CustBattDiag_LVCClr_ms_M_u32p0	4240310016	4240310016	✔
CustBattDiag_LVCSet_ms_M_u32p0	1569765632	1569765632	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1517286144	1517286144	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4101557504	4101557504	✔
CustBattDiag_LVHSClr_ms_M_u32p0	743075584	743075584	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3320752384	3320752384	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1314371328	1314371328	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	194982144	194982144	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2590190336	2590190336	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1373422848	1373422848	✔
CustBattDiag_LVSMClr_ms_M_u32p0	868596480	868596480	✔
CustBattDiag_LVSMSet_ms_M_u32p0	365286656	365286656	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.44 (Repeat Count = 1)		✔
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3074127360	
CustBattDiag_LOISet_ms_M_u32p0	3686189056	
CustBattDiag_LVCClr_ms_M_u32p0	1210107392	
CustBattDiag_LVCSet_ms_M_u32p0	4044396544	
CustBattDiag_LVHSCClr_ms_M_u32p0	2547706368	
CustBattDiag_LVHSCSet_ms_M_u32p0	2510838784	

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Name	Input Value		
CustBattDiag_LVHSClr_ms_M_u32p0	3074127360		
CustBattDiag_LVHSSet_ms_M_u32p0	3686189056		
CustBattDiag_LVLSCClr_ms_M_u32p0	3382784		
CustBattDiag_LVLSCSet_ms_M_u32p0	1455763456		
CustBattDiag_LVLSClr_ms_M_u32p0	3403760128		
CustBattDiag_LVLSSet_ms_M_u32p0	593261568		
CustBattDiag_LVSMClr_ms_M_u32p0	2096730624		
CustBattDiag_LVSMSet_ms_M_u32p0	2413904896		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOlspd_kph_f32	348.95224		
k_CustBattDiaghispd_kph_f32	0		
k_CustBattDiaglospd_kph_f32	332.629303		
k_LOIDetect_ms_u16p0	17484		
k_LOINotDetect_ms_u16p0	24296		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	22432		
k_LVCNotDetect_Volts_u10p6	320		
k_LVCNotDetect_ms_u16p0	7142		
k_LVHSCDetect_Volts_u10p6	448		
k_LVHSCDetect_ms_u16p0	57401		
k_LVHSCNotDetect_Volts_u10p6	320		
k_LVHSCNotDetect_ms_u16p0	2978		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	52702		
k_LVHSNotDetect_Volts_u10p6	320		
k_LVHSNotDetect_ms_u16p0	7002		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	32167		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0	15581		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	65178		
k_LVLSNotDetect_Volts_u10p6	320		
k_LVLSNotDetect_ms_u16p0	44581		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	26201		
k_LVSMNotDetect_Volts_u10p6	320		
k_LVSMNotDetect_ms_u16p0	15219		
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.6883354		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	119.546936		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33117		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3298315776		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3298315776	3298315776	✔
CustBattDiag_LOISet_ms_M_u32p0	3298315776	3298315776	✔
CustBattDiag_LVCClr_ms_M_u32p0	1210107392	1210107392	✔
CustBattDiag_LVCSet_ms_M_u32p0	4044396544	4044396544	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2547706368	2547706368	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2510838784	2510838784	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3074127360	3074127360	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3298315776	3298315776	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3382784	3382784	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1455763456	1455763456	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3403760128	3403760128	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3298315776	3298315776	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2096730624	2096730624	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2413904896	2413904896	✔
NTC_Cnt_T_enum	0xE1	0xE1	✔

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Name	Actual Value	Expected Value	Result
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.45 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	121921792
CustBattDiag_LOISet_ms_M_u32p0	1704618752
CustBattDiag_LVCClr_ms_M_u32p0	1305768192
CustBattDiag_LVCSets_ms_M_u32p0	2429352704
CustBattDiag_LVHSCClr_ms_M_u32p0	1681261824
CustBattDiag_LVHSCSet_ms_M_u32p0	2803216128
CustBattDiag_LVHSCClr_ms_M_u32p0	121921792
CustBattDiag_LVHSSet_ms_M_u32p0	1704618752
CustBattDiag_LVLSCClr_ms_M_u32p0	2667309312
CustBattDiag_LVLSCSet_ms_M_u32p0	2416915200
CustBattDiag_LVLSCClr_ms_M_u32p0	1921187072
CustBattDiag_LVLSSet_ms_M_u32p0	2354669312
CustBattDiag_LVSMClr_ms_M_u32p0	3782872320
CustBattDiag_LVSMSet_ms_M_u32p0	504035072
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	262.498413
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	259.240479
k_LOIDetect_ms_u16p0	62585
k_LOINotDetect_ms_u16p0	59356
k_LVCDetect_Volts_u10p6	896
k_LVCDetect_ms_u16p0	1020
k_LVCNotDetect_Volts_u10p6	1472
k_LVCNotDetect_ms_u16p0	56932
k_LVHSCDetect_Volts_u10p6	960
k_LVHSCDetect_ms_u16p0	18163
k_LVHSCNotDetect_Volts_u10p6	1472
k_LVHSCNotDetect_ms_u16p0	7661
k_LVHSDetect_Volts_u10p6	896
k_LVHSDetect_ms_u16p0	13731
k_LVHSNotDetect_Volts_u10p6	1472
k_LVHSNotDetect_ms_u16p0	7528
k_LVLSCDetect_Volts_u10p6	896
k_LVLSCDetect_ms_u16p0	11865
k_LVLSCNotDetect_Volts_u10p6	1472
k_LVLSCNotDetect_ms_u16p0	8815
k_LVLSDetect_Volts_u10p6	896
k_LVLSDetect_ms_u16p0	31008
k_LVLSNotDetect_Volts_u10p6	1472
k_LVLSNotDetect_ms_u16p0	9013
k_LVSMDetect_Volts_u10p6	896
k_LVSMDetect_ms_u16p0	33664
k_LVSMNotDetect_Volts_u10p6	1472
k_LVSMNotDetect_ms_u16p0	9196
target_CustBattDiag_Per2_Batt_Volt_f32.value	17.8597775
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	101.934814		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	29878		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	9296128		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LOISet_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LVCClr_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LVCSet_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LVHSClr_ms_M_u32p0	121921792	121921792	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1704618752	1704618752	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	9296128	9296128	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1921187072	1921187072	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2354669312	2354669312	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3782872320	3782872320	✔
CustBattDiag_LVSMSet_ms_M_u32p0	504035072	504035072	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.46 (Repeat Count = 1)	Name	Input Value
	CustBattDiag_LOIClr_ms_M_u32p0	3029704704
	CustBattDiag_LOISet_ms_M_u32p0	1446740480
	CustBattDiag_LVCClr_ms_M_u32p0	4112871424
	CustBattDiag_LVCSet_ms_M_u32p0	2464403968
	CustBattDiag_LVHSCClr_ms_M_u32p0	3780162560
	CustBattDiag_LVHSCSet_ms_M_u32p0	2212083200
	CustBattDiag_LVHSClr_ms_M_u32p0	3029704704
	CustBattDiag_LVHSSet_ms_M_u32p0	1446740480
	CustBattDiag_LVLSCClr_ms_M_u32p0	361695232
	CustBattDiag_LVLSCSet_ms_M_u32p0	2214406656
	CustBattDiag_LVLSClr_ms_M_u32p0	1078578176
	CustBattDiag_LVLSSet_ms_M_u32p0	2834206208
	CustBattDiag_LVSMClr_ms_M_u32p0	1671732224
	CustBattDiag_LVSMSet_ms_M_u32p0	1847188992
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
	k_CustBattDiagLOlspd_kph_f32	449.061768
	k_CustBattDiaghispd_kph_f32	244.123001
	k_CustBattDiaglospd_kph_f32	487.265991
	k_LOIDetect_ms_u16p0	53182
	k_LOINotDetect_ms_u16p0	3054
	k_LVCDetect_Volts_u10p6	1920

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Name	Input Value
k_LVCDetect_ms_u16p0	50357
k_LVCNotDetect_Volts_u10p6	1344
k_LVCNotDetect_ms_u16p0	40918
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	25999
k_LVHSCNotDetect_Volts_u10p6	1344
k_LVHSCNotDetect_ms_u16p0	46328
k_LVHSDetect_Volts_u10p6	1920
k_LVHSDetect_ms_u16p0	62112
k_LVHSNotDetect_Volts_u10p6	1344
k_LVHSNotDetect_ms_u16p0	43689
k_LVLSCDetect_Volts_u10p6	1920
k_LVLSCDetect_ms_u16p0	12367
k_LVLSCNotDetect_Volts_u10p6	1344
k_LVLSCNotDetect_ms_u16p0	40677
k_LVLSDetect_Volts_u10p6	1920
k_LVLSDetect_ms_u16p0	26393
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	7859
k_LVSMDetect_Volts_u10p6	1920
k_LVSMDetect_ms_u16p0	792
k_LVSMNotDetect_Volts_u10p6	1344
k_LVSMNotDetect_ms_u16p0	41646
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.0935612
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	270.841187
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	26808
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3835246592
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3835246592	3835246592	✓
CustBattDiag_LOISet_ms_M_u32p0	3835246592	3835246592	✓
CustBattDiag_LVCClr_ms_M_u32p0	4112871424	4112871424	✓
CustBattDiag_LVCSet_ms_M_u32p0	2464403968	2464403968	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3780162560	3780162560	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2212083200	2212083200	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3029704704	3029704704	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1446740480	1446740480	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	361695232	361695232	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2214406656	2214406656	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1078578176	1078578176	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2834206208	2834206208	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1671732224	1671732224	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1847188992	1847188992	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.47 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVCClr_ms_M_u32p0	3576629504
CustBattDiag_LVCSet_ms_M_u32p0	3229569792
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448
CustBattDiag_LVHSCSet_ms_M_u32p0	582402816

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Name	Input Value		
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632		
CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456		
CustBattDiag_LVLSCLr_ms_M_u32p0	3712619776		
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424		
CustBattDiag_LVSMClr_ms_M_u32p0	92742912		
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOlspd_kph_f32	118.50753		
k_CustBattDiaghispd_kph_f32	12.7944412		
k_CustBattDiaglospd_kph_f32	200.200348		
k_LOIDetect_ms_u16p0	34440		
k_LOINotDetect_ms_u16p0	15435		
k_LVCDetect_Volts_u10p6	640		
k_LVCDetect_ms_u16p0	63455		
k_LVCNotDetect_Volts_u10p6	0		
k_LVCNotDetect_ms_u16p0	18567		
k_LVHSCDetect_Volts_u10p6	768		
k_LVHSCDetect_ms_u16p0	31745		
k_LVHSCNotDetect_Volts_u10p6	0		
k_LVHSCNotDetect_ms_u16p0	43307		
k_LVHSDetect_Volts_u10p6	640		
k_LVHSDetect_ms_u16p0	23915		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_ms_u16p0	39657		
k_LVLSCDetect_Volts_u10p6	640		
k_LVLSCDetect_ms_u16p0	15053		
k_LVLSCNotDetect_Volts_u10p6	0		
k_LVLSCNotDetect_ms_u16p0	65455		
k_LVLSDetect_Volts_u10p6	640		
k_LVLSDetect_ms_u16p0	15391		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	12808		
k_LVSMDetect_Volts_u10p6	640		
k_LVSMDetect_ms_u16p0	12394		
k_LVSMNotDetect_Volts_u10p6	0		
k_LVSMNotDetect_ms_u16p0	10418		
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.0694981		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	165.727875		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	47293		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	444559616		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	3576629504	✔
CustBattDiag_LVCSet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024	2070945024	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2717448448	2717448448	✔
CustBattDiag_LVHSSet_ms_M_u32p0	582402816	582402816	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632	2228453632	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	444559616	444559616	✔
CustBattDiag_LVLSCLr_ms_M_u32p0	3712619776	3712619776	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	✔
CustBattDiag_LVSMClr_ms_M_u32p0	92742912	92742912	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	2069090048	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.48 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	512
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	512
k_LOIDetect_ms_u16p0	65535
k_LOINotDetect_ms_u16p0	65535
k_LVCDetect_Volts_u10p6	1984
k_LVCDetect_ms_u16p0	65535
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	65535
k_LVHSCDetect_Volts_u10p6	1984
k_LVHSCDetect_ms_u16p0	65535
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	65535
k_LVHSDetect_Volts_u10p6	1984
k_LVHSDetect_ms_u16p0	65535
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	65535
k_LVLSCDetect_Volts_u10p6	1984
k_LVLSCDetect_ms_u16p0	65535
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	65535
k_LVLSDetect_Volts_u10p6	1984
k_LVLSDetect_ms_u16p0	65535
k_LVLSNotDetect_Volts_u10p6	1984
k_LVLSNotDetect_ms_u16p0	65535
k_LVSMDetect_Volts_u10p6	1984
k_LVSMDetect_ms_u16p0	65535
k_LVSMNotDetect_Volts_u10p6	1984



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CustBattDiag\_Per2

Name	Input Value
k_LVSMNotDetect_ms_u16p0	65535
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.49 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2266199296
CustBattDiag_LOISet_ms_M_u32p0	2305597184
CustBattDiag_LVCClr_ms_M_u32p0	1336444160
CustBattDiag_LVCSet_ms_M_u32p0	4050398976
CustBattDiag_LVHSCClr_ms_M_u32p0	4006107392
CustBattDiag_LVHSCSet_ms_M_u32p0	2729255680
CustBattDiag_LVHSClr_ms_M_u32p0	2266199296
CustBattDiag_LVHSSet_ms_M_u32p0	2305597184
CustBattDiag_LVLSCClr_ms_M_u32p0	2594536704
CustBattDiag_LVLSSet_ms_M_u32p0	4007651072
CustBattDiag_LVLSCLR_ms_M_u32p0	1252184320
CustBattDiag_LVLSSet_ms_M_u32p0	1587174144
CustBattDiag_LVSMClr_ms_M_u32p0	198107392
CustBattDiag_LVSMSet_ms_M_u32p0	3838372608
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOlspd_kph_f32	117.534805
k_CustBattDiaghispd_kph_f32	94.532753
k_CustBattDiaglospd_kph_f32	117.656502
k_LOIDetect_ms_u16p0	43134
k_LOINotDetect_ms_u16p0	32153
k_LVCDetect_Volts_u10p6	1472
k_LVCDetect_ms_u16p0	38631
k_LVCNotDetect_Volts_u10p6	1600
k_LVCNotDetect_ms_u16p0	5271
k_LVHSCDetect_Volts_u10p6	576
k_LVHSCDetect_ms_u16p0	10801



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CustBattDiag\_Per2

Name	Input Value
k_LVHSCNotDetect_Volts_u10p6	1600
k_LVHSCNotDetect_ms_u16p0	55868
k_LVHSDetect_Volts_u10p6	1472
k_LVHSDetect_ms_u16p0	5711
k_LVHSNotDetect_Volts_u10p6	1600
k_LVHSNotDetect_ms_u16p0	45697
k_LVLSCDetect_Volts_u10p6	1472
k_LVLSCDetect_ms_u16p0	31757
k_LVLSCNotDetect_Volts_u10p6	1600
k_LVLSCNotDetect_ms_u16p0	25558
k_LVLSDetect_Volts_u10p6	1472
k_LVLSDetect_ms_u16p0	25499
k_LVLSNotDetect_Volts_u10p6	1600
k_LVLSNotDetect_ms_u16p0	48382
k_LVSMDetect_Volts_u10p6	1472
k_LVSMDetect_ms_u16p0	47762
k_LVSMNotDetect_Volts_u10p6	1600
k_LVSMNotDetect_ms_u16p0	24936
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.6839647
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	156.811935
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	58736
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2765253888
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2765253888	2765253888	✓
CustBattDiag_LOISet_ms_M_u32p0	2765253888	2765253888	✓
CustBattDiag_LVCClr_ms_M_u32p0	1336444160	1336444160	✓
CustBattDiag_LVCSet_ms_M_u32p0	4050398976	4050398976	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4006107392	4006107392	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2729255680	2729255680	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2266199296	2266199296	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2305597184	2305597184	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2594536704	2594536704	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4007651072	4007651072	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1252184320	1252184320	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1587174144	1587174144	✓
CustBattDiag_LVSMClr_ms_M_u32p0	198107392	198107392	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3838372608	3838372608	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.50 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3239069440	
CustBattDiag_LOISet_ms_M_u32p0	2320384256	
CustBattDiag_LVCClr_ms_M_u32p0	3866744576	
CustBattDiag_LVCSet_ms_M_u32p0	3914748160	
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264	
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040	
CustBattDiag_LVHSClr_ms_M_u32p0	3239069440	
CustBattDiag_LVHSCSet_ms_M_u32p0	2320384256	
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024	
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224	
CustBattDiag_LVLSClr_ms_M_u32p0	38241024	
CustBattDiag_LVLSSet_ms_M_u32p0	1394531584	
CustBattDiag_LVSMClr_ms_M_u32p0	1077940992	

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CustBattDiag\_Per2

Name	Input Value
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	131.33667
k_CustBattDiaghispd_kph_f32	471.819061
k_CustBattDiaglospd_kph_f32	69.1914825
k_LOIDetect_ms_u16p0	52546
k_LOINotDetect_ms_u16p0	58158
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	65241
k_LVCNotDetect_Volts_u10p6	1280
k_LVCNotDetect_ms_u16p0	4035
k_LVHSCDetect_Volts_u10p6	576
k_LVHSCDetect_ms_u16p0	59627
k_LVHSCNotDetect_Volts_u10p6	1280
k_LVHSCNotDetect_ms_u16p0	12772
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	28514
k_LVHSNotDetect_Volts_u10p6	1280
k_LVHSNotDetect_ms_u16p0	17223
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	48574
k_LVLSCNotDetect_Volts_u10p6	1280
k_LVLSCNotDetect_ms_u16p0	49241
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	64448
k_LVLSNotDetect_Volts_u10p6	1280
k_LVLSNotDetect_ms_u16p0	35164
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	51508
k_LVSMNotDetect_Volts_u10p6	1280
k_LVSMNotDetect_ms_u16p0	36456
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.3157749
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.4979305
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	39328
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	1892744960
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1892744960	1892744960	✓
CustBattDiag_LOISet_ms_M_u32p0	1892744960	1892744960	✓
CustBattDiag_LVCClr_ms_M_u32p0	3866744576	3866744576	✓
CustBattDiag_LVCSet_ms_M_u32p0	3914748160	3914748160	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264	3119467264	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040	1938679040	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3239069440	3239069440	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2320384256	2320384256	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024	1340641024	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224	1921108224	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	38241024	38241024	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1394531584	1394531584	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1077940992	1077940992	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808	3742231808	✓








T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓	

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CustBattDiag\_Per2

Test Step 2.51 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		4294967295		
CustBattDiag_LOISet_ms_M_u32p0		4294967295		
CustBattDiag_LVCClr_ms_M_u32p0		4294967295		
CustBattDiag_LVCSet_ms_M_u32p0		4294967295		
CustBattDiag_LVHSCClr_ms_M_u32p0		4294967295		
CustBattDiag_LVHSCSet_ms_M_u32p0		4294967295		
CustBattDiag_LVHSClr_ms_M_u32p0		4294967295		
CustBattDiag_LVHSCSet_ms_M_u32p0		4294967295		
CustBattDiag_LVLSCClr_ms_M_u32p0		4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0		4294967295		
CustBattDiag_LVLSClr_ms_M_u32p0		4294967295		
CustBattDiag_LVLSSet_ms_M_u32p0		4294967295		
CustBattDiag_LVSMClr_ms_M_u32p0		4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0		4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		4		
k_CustBattDiagLOIspd_kph_f32		512		
k_CustBattDiaghispd_kph_f32		512		
k_CustBattDiaglospd_kph_f32		512		
k_LOIDetect_ms_u16p0		65535		
k_LOINotDetect_ms_u16p0		65535		
k_LVCDetect_Volts_u10p6		1984		
k_LVCDetect_ms_u16p0		65535		
k_LVCNotDetect_Volts_u10p6		1984		
k_LVCNotDetect_ms_u16p0		65535		
k_LVHSCDetect_Volts_u10p6		1984		
k_LVHSCDetect_ms_u16p0		65535		
k_LVHSCNotDetect_Volts_u10p6		1984		
k_LVHSCNotDetect_ms_u16p0		65535		
k_LVHSDetect_Volts_u10p6		1984		
k_LVHSDetect_ms_u16p0		65535		
k_LVHSNotDetect_Volts_u10p6		1984		
k_LVHSNotDetect_ms_u16p0		65535		
k_LVLSCDetect_Volts_u10p6		1984		
k_LVLSCDetect_ms_u16p0		65535		
k_LVLSCNotDetect_Volts_u10p6		1984		
k_LVLSCNotDetect_ms_u16p0		65535		
k_LVLSDetect_Volts_u10p6		1984		
k_LVLSDetect_ms_u16p0		65535		
k_LVLSNotDetect_Volts_u10p6		1984		
k_LVLSNotDetect_ms_u16p0		65535		
k_LVSMDetect_Volts_u10p6		1984		
k_LVSMDetect_ms_u16p0		65535		
k_LVSMNotDetect_Volts_u10p6		1984		
k_LVSMNotDetect_ms_u16p0		65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value		31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value		1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value		1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc		target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc		target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295		

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓

## Test Step 2.52 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2456419840
CustBattDiag_LOISet_ms_M_u32p0	3795488768
CustBattDiag_LVCClr_ms_M_u32p0	1769033216
CustBattDiag_LVCSet_ms_M_u32p0	923164672
CustBattDiag_LVHSCClr_ms_M_u32p0	2441474560
CustBattDiag_LVHSCSet_ms_M_u32p0	3877413888
CustBattDiag_LVHSClr_ms_M_u32p0	2456419840
CustBattDiag_LVHSSet_ms_M_u32p0	3795488768
CustBattDiag_LVLSCClr_ms_M_u32p0	3412272640
CustBattDiag_LVLSCSet_ms_M_u32p0	2943481856
CustBattDiag_LVLSClr_ms_M_u32p0	1041975808
CustBattDiag_LVLSSet_ms_M_u32p0	716684288
CustBattDiag_LVSMClr_ms_M_u32p0	3509950976
CustBattDiag_LVSMSet_ms_M_u32p0	1687063552
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	279.348053
k_CustBattDiaghispd_kph_f32	413.391632
k_CustBattDiaglospd_kph_f32	508.640625
k_LOIDetect_ms_u16p0	52929
k_LOINotDetect_ms_u16p0	22176
k_LVCDetect_Volts_u10p6	832
k_LVCDetect_ms_u16p0	61489
k_LVCNotDetect_Volts_u10p6	1344
k_LVCNotDetect_ms_u16p0	19545
k_LVHSCDetect_Volts_u10p6	1088
k_LVHSCDetect_ms_u16p0	53911
k_LVHSCNotDetect_Volts_u10p6	1344
k_LVHSCNotDetect_ms_u16p0	27956
k_LVHSDetect_Volts_u10p6	832
k_LVHSDetect_ms_u16p0	53190
k_LVHSNotDetect_Volts_u10p6	1344
k_LVHSNotDetect_ms_u16p0	43852
k_LVLSCDetect_Volts_u10p6	832
k_LVLSCDetect_ms_u16p0	62125
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	970
k_LVLSDetect_Volts_u10p6	832
k_LVLSDetect_ms_u16p0	38169
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	50147
k_LVSMDetect_Volts_u10p6	832
k_LVSMDetect_ms_u16p0	33650
k_LVSMNotDetect_Volts_u10p6	1344
k_LVSMNotDetect_ms_u16p0	49186
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.0246253
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1

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Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.934296		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5055		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	300275200		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2456419840	2456419840	✔
CustBattDiag_LOISet_ms_M_u32p0	300275200	300275200	✔
CustBattDiag_LVCClr_ms_M_u32p0	300275200	300275200	✔
CustBattDiag_LVCSet_ms_M_u32p0	923164672	923164672	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	300275200	300275200	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	300275200	300275200	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2456419840	2456419840	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3795488768	3795488768	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	300275200	300275200	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2943481856	2943481856	✔
CustBattDiag_LVLSCLR_ms_M_u32p0	1041975808	1041975808	✔
CustBattDiag_LVLSSet_ms_M_u32p0	716684288	716684288	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3509950976	3509950976	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1687063552	1687063552	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.53 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	970508544
CustBattDiag_LOISet_ms_M_u32p0	4214166272
CustBattDiag_LVCClr_ms_M_u32p0	3053639936
CustBattDiag_LVCSet_ms_M_u32p0	2953552640
CustBattDiag_LVHSCClr_ms_M_u32p0	3444894976
CustBattDiag_LVHSCSet_ms_M_u32p0	3185104640
CustBattDiag_LVHSCClr_ms_M_u32p0	970508544
CustBattDiag_LVHSCSet_ms_M_u32p0	4214166272
CustBattDiag_LVLSCClr_ms_M_u32p0	1166889216
CustBattDiag_LVLSCSet_ms_M_u32p0	321444608
CustBattDiag_LVLSCLR_ms_M_u32p0	1794434304
CustBattDiag_LVLSSET_ms_M_u32p0	3714551552
CustBattDiag_LVSMClr_ms_M_u32p0	3202741504
CustBattDiag_LVSMSet_ms_M_u32p0	3475185408
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	459.538025
k_CustBattDiaghiispd_kph_f32	159.669128
k_CustBattDiaglospd_kph_f32	0
k_LOIDetect_ms_u16p0	571
k_LOINotDetect_ms_u16p0	10453
k_LVCDetect_Volts_u10p6	1920
k_LVCDetect_ms_u16p0	22377
k_LVCNotDetect_Volts_u10p6	896

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Name	Input Value		
k_LVCNotDetect_ms_u16p0	25897		
k_LVHSCDetect_Volts_u10p6	832		
k_LVHSCDetect_ms_u16p0	17655		
k_LVHSCNotDetect_Volts_u10p6	896		
k_LVHSCNotDetect_ms_u16p0	2393		
k_LVHSDetect_Volts_u10p6	1920		
k_LVHSDetect_ms_u16p0	26892		
k_LVHSNotDetect_Volts_u10p6	896		
k_LVHSNotDetect_ms_u16p0	16816		
k_LVLSCDetect_Volts_u10p6	1920		
k_LVLSCDetect_ms_u16p0	41574		
k_LVLSCNotDetect_Volts_u10p6	896		
k_LVLSCNotDetect_ms_u16p0	43975		
k_LVLSDetect_Volts_u10p6	1920		
k_LVLSDetect_ms_u16p0	44226		
k_LVLSNotDetect_Volts_u10p6	896		
k_LVLSNotDetect_ms_u16p0	17435		
k_LVSMDetect_Volts_u10p6	1920		
k_LVSMDetect_ms_u16p0	51031		
k_LVSMNotDetect_Volts_u10p6	896		
k_LVSMNotDetect_ms_u16p0	64511		
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.70393467		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	422.210754		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	175		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	415580416		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	415580416	415580416	✔
CustBattDiag_LOISet_ms_M_u32p0	415580416	415580416	✔
CustBattDiag_LVCClr_ms_M_u32p0	3053639936	3053639936	✔
CustBattDiag_LVCSet_ms_M_u32p0	2953552640	2953552640	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3444894976	3444894976	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3185104640	3185104640	✔
CustBattDiag_LVHSClr_ms_M_u32p0	970508544	970508544	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4214166272	4214166272	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1166889216	1166889216	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	321444608	321444608	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1794434304	1794434304	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3714551552	3714551552	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3202741504	3202741504	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3475185408	3475185408	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.54 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1350068224	
CustBattDiag_LOISet_ms_M_u32p0	438143488	
CustBattDiag_LVCClr_ms_M_u32p0	3627694080	
CustBattDiag_LVCSet_ms_M_u32p0	3787971072	
CustBattDiag_LVHSCClr_ms_M_u32p0	596900864	
CustBattDiag_LVHSCSet_ms_M_u32p0	2653961728	
CustBattDiag_LVHSCClr_ms_M_u32p0	1350068224	
CustBattDiag_LVHSCSet_ms_M_u32p0	438143488	
CustBattDiag_LVLSCClr_ms_M_u32p0	2306527232	
CustBattDiag_LVLSCSet_ms_M_u32p0	3545248256	

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVLSClr_ms_M_u32p0	3767800832		
CustBattDiag_LVLSSet_ms_M_u32p0	6559232		
CustBattDiag_LVSMClr_ms_M_u32p0	3170952192		
CustBattDiag_LVSMSet_ms_M_u32p0	1299277312		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0		
k_CustBattDiagLOIspd_kph_f32	149.76178		
k_CustBattDiaghispd_kph_f32	293.707977		
k_CustBattDiaglospd_kph_f32	512		
k_LOIDetect_ms_u16p0	7961		
k_LOINotDetect_ms_u16p0	20642		
k_LVCDetect_Volts_u10p6	1088		
k_LVCDetect_ms_u16p0	62220		
k_LVCNotDetect_Volts_u10p6	960		
k_LVCNotDetect_ms_u16p0	17190		
k_LVHSCDetect_Volts_u10p6	1088		
k_LVHSCDetect_ms_u16p0	27684		
k_LVHSCNotDetect_Volts_u10p6	960		
k_LVHSCNotDetect_ms_u16p0	16982		
k_LVHSDetect_Volts_u10p6	1088		
k_LVHSDetect_ms_u16p0	11526		
k_LVHSNotDetect_Volts_u10p6	960		
k_LVHSNotDetect_ms_u16p0	16752		
k_LVLSCDetect_Volts_u10p6	1088		
k_LVLSCDetect_ms_u16p0	56007		
k_LVLSCNotDetect_Volts_u10p6	960		
k_LVLSCNotDetect_ms_u16p0	59514		
k_LVLSDetect_Volts_u10p6	1088		
k_LVLSDetect_ms_u16p0	26322		
k_LVLSNotDetect_Volts_u10p6	960		
k_LVLSNotDetect_ms_u16p0	5537		
k_LVSMDetect_Volts_u10p6	1088		
k_LVSMDetect_ms_u16p0	58930		
k_LVSMNotDetect_Volts_u10p6	960		
k_LVSMNotDetect_ms_u16p0	26645		
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.50200605		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	303.199432		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	31596		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	462618624		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	462618624	462618624	✔
CustBattDiag_LOISet_ms_M_u32p0	462618624	462618624	✔
CustBattDiag_LVCClr_ms_M_u32p0	3627694080	3627694080	✔
CustBattDiag_LVCSet_ms_M_u32p0	3787971072	3787971072	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	462618624	462618624	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2653961728	2653961728	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1350068224	1350068224	✔
CustBattDiag_LVHSSet_ms_M_u32p0	438143488	438143488	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	462618624	462618624	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3545248256	3545248256	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3767800832	3767800832	✔
CustBattDiag_LVLSSet_ms_M_u32p0	6559232	6559232	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3170952192	3170952192	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1299277312	1299277312	✔
NTC_Cnt_T_enum	0xE3	0xE3	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔



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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.55 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2513799936
CustBattDiag_LOISet_ms_M_u32p0	2951619840
CustBattDiag_LVCClr_ms_M_u32p0	164633344
CustBattDiag_LVCSet_ms_M_u32p0	2788111616
CustBattDiag_LVHSCClr_ms_M_u32p0	3016937216
CustBattDiag_LVHSCSet_ms_M_u32p0	4286974208
CustBattDiag_LVHSClr_ms_M_u32p0	2513799936
CustBattDiag_LVHSSet_ms_M_u32p0	2951619840
CustBattDiag_LVLSCClr_ms_M_u32p0	1450070784
CustBattDiag_LVLSCSet_ms_M_u32p0	16133376
CustBattDiag_LVLSCLR_ms_M_u32p0	993167104
CustBattDiag_LVLSSet_ms_M_u32p0	373981440
CustBattDiag_LVSMClr_ms_M_u32p0	489428736
CustBattDiag_LVSMSet_ms_M_u32p0	3361902848
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	226.397095
k_CustBattDiaghispd_kph_f32	330.1651
k_CustBattDiaglospd_kph_f32	87.1230011
k_LOIDetect_ms_u16p0	53914
k_LOINotDetect_ms_u16p0	44536
k_LVCDetect_Volts_u10p6	1728
k_LVCDetect_ms_u16p0	56384
k_LVCNotDetect_Volts_u10p6	512
k_LVCNotDetect_ms_u16p0	57323
k_LVHSCDetect_Volts_u10p6	960
k_LVHSCDetect_ms_u16p0	43961
k_LVHSCNotDetect_Volts_u10p6	512
k_LVHSCNotDetect_ms_u16p0	7962
k_LVHSDetect_Volts_u10p6	1728
k_LVHSDetect_ms_u16p0	25012
k_LVHSNotDetect_Volts_u10p6	512
k_LVHSNotDetect_ms_u16p0	43374
k_LVLSCDetect_Volts_u10p6	1728
k_LVLSCDetect_ms_u16p0	35584
k_LVLSCNotDetect_Volts_u10p6	512
k_LVLSCNotDetect_ms_u16p0	17502
k_LVLSDetect_Volts_u10p6	1728
k_LVLSDetect_ms_u16p0	25982
k_LVLSNotDetect_Volts_u10p6	512
k_LVLSNotDetect_ms_u16p0	23177
k_LVSMDetect_Volts_u10p6	1728
k_LVSMDetect_ms_u16p0	63998
k_LVSMNotDetect_Volts_u10p6	512
k_LVSMNotDetect_ms_u16p0	29901
target_CustBattDiag_Per2_Batt_Volt_f32.value	24.6622944
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	26.4667225
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0



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CustBattDiag\_Per2

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	30351
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2095432448
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2095432448	2095432448	✓
CustBattDiag_LOISet_ms_M_u32p0	2095432448	2095432448	✓
CustBattDiag_LVCClr_ms_M_u32p0	164633344	164633344	✓
CustBattDiag_LVCSet_ms_M_u32p0	2788111616	2788111616	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3016937216	3016937216	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4286974208	4286974208	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2513799936	2513799936	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2951619840	2951619840	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1450070784	1450070784	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	16133376	16133376	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	993167104	993167104	✓
CustBattDiag_LVLSSET_ms_M_u32p0	373981440	373981440	✓
CustBattDiag_LVSMCLR_ms_M_u32p0	489428736	489428736	✓
CustBattDiag_LVSMSET_ms_M_u32p0	3361902848	3361902848	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 2.56 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVCClr_ms_M_u32p0	3576629504
CustBattDiag_LVCSet_ms_M_u32p0	3229569792
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVHSCClr_ms_M_u32p0	2717448448
CustBattDiag_LVHSCSet_ms_M_u32p0	582402816
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632
CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
CustBattDiag_LVLSCLR_ms_M_u32p0	3712619776
CustBattDiag_LVLSSET_ms_M_u32p0	1902919424
CustBattDiag_LVSMCLR_ms_M_u32p0	92742912
CustBattDiag_LVSMSET_ms_M_u32p0	2069090048
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOlspd_kph_f32	118.50753
k_CustBattDiagHispd_kph_f32	12.7944412
k_CustBattDiagLospd_kph_f32	200.200348
k_LOIDetect_ms_u16p0	34440
k_LOINotDetect_ms_u16p0	15435
k_LVCDetect_Volts_u10p6	640
k_LVCDetect_ms_u16p0	63455
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	18567
k_LVHSCDetect_Volts_u10p6	768
k_LVHSCDetect_ms_u16p0	31745
k_LVHSCNotDetect_Volts_u10p6	0
k_LVHSCNotDetect_ms_u16p0	43307
k_LVHSDetect_Volts_u10p6	640
k_LVHSDetect_ms_u16p0	23915
k_LVHSNotDetect_Volts_u10p6	0
k_LVHSNotDetect_ms_u16p0	39657
k_LVLSCDetect_Volts_u10p6	640
k_LVLSCDetect_ms_u16p0	15053

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Name	Input Value
k_LVLSCNotDetect_Volts_u10p6	0
k_LVLSCNotDetect_ms_u16p0	65455
k_LVLSDetect_Volts_u10p6	640
k_LVLSDetect_ms_u16p0	15391
k_LVLSCNotDetect_Volts_u10p6	0
k_LVLSCNotDetect_ms_u16p0	12808
k_LVSMDetect_Volts_u10p6	640
k_LVSMDetect_ms_u16p0	12394
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	10418
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.0694981
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	165.727875
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	47293
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	444559616
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	3576629504	✓
CustBattDiag_LVCCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024	2070945024	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448	2717448448	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	582402816	582402816	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632	2228453632	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3712619776	3712619776	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	✓
CustBattDiag_LVSMClr_ms_M_u32p0	92742912	92742912	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	2069090048	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.57 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCCSet_ms_M_u32p0	4294967295

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	512		
k_CustBattDiaghispd_kph_f32	512		
k_CustBattDiaglospd_kph_f32	512		
k_LOIDetect_ms_u16p0	65535		
k_LOINotDetect_ms_u16p0	65535		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	65535		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	65535		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	65535		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	65535		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	65535		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMClr_ms M_u32p0	4294967295	4294967295	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.58 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2746854400
CustBattDiag_LOISet_ms_M_u32p0	4187581952
CustBattDiag_LVCClr_ms_M_u32p0	3641474048
CustBattDiag_LVCSet_ms_M_u32p0	2407316992
CustBattDiag_LVHSCClr_ms_M_u32p0	431194112
CustBattDiag_LVHSCSet_ms_M_u32p0	2277794304
CustBattDiag_LVHSCClr_ms_M_u32p0	2746854400
CustBattDiag_LVHSSet_ms_M_u32p0	4187581952
CustBattDiag_LVLSCClr_ms_M_u32p0	1174180864
CustBattDiag_LVLSCSet_ms_M_u32p0	4280325632
CustBattDiag_LVLSCClr_ms_M_u32p0	2520455168
CustBattDiag_LVLSSet_ms_M_u32p0	3047930368
CustBattDiag_LVSMClr_ms_M_u32p0	94955520
CustBattDiag_LVSMSet_ms_M_u32p0	1877084672
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	67.946167
k_CustBattDiaghispd_kph_f32	436.827881
k_CustBattDiaglospd_kph_f32	118.72374
k_LOIDetect_ms_u16p0	40397
k_LOINotDetect_ms_u16p0	19815
k_LVCDetect_Volts_u10p6	1408
k_LVCNotDetect_ms_u16p0	23503
k_LVCNotDetect_Volts_u10p6	1152
k_LVCNotDetect_ms_u16p0	1866
k_LVHSCDetect_Volts_u10p6	832
k_LVHSCDetect_ms_u16p0	58189
k_LVHSCNotDetect_Volts_u10p6	1152
k_LVHSCNotDetect_ms_u16p0	9353
k_LVHSDetect_Volts_u10p6	1408
k_LVHSDetect_ms_u16p0	1844
k_LVHSNotDetect_Volts_u10p6	1152
k_LVHSNotDetect_ms_u16p0	42003
k_LVLSCDetect_Volts_u10p6	1408
k_LVLSCDetect_ms_u16p0	11428
k_LVLSCNotDetect_Volts_u10p6	1152
k_LVLSCNotDetect_ms_u16p0	14267
k_LVLSDetect_Volts_u10p6	1408
k_LVLSDetect_ms_u16p0	4268
k_LVLSNotDetect_Volts_u10p6	1152
k_LVLSNotDetect_ms_u16p0	394
k_LVSMDetect_Volts_u10p6	1408
k_LVSMDetect_ms_u16p0	33433
k_LVSMNotDetect_Volts_u10p6	1152
k_LVSMNotDetect_ms_u16p0	43191
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.0739288
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.5783176
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	20216
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1587790848
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08

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CustBattDiag\_Per2

Name	Input Value
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_lgc	target_CustBattDiag_Per2_StdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

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CustBattDiag\_Per2

Name	Input Value		
k_LVHSCDetect_Volts_u10p6	0		
k_LVHSCDetect_ms_u16p0	6349		
k_LVHSCNotDetect_Volts_u10p6	960		
k_LVHSCNotDetect_ms_u16p0	43154		
k_LVHSDetect_Volts_u10p6	384		
k_LVHSDetect_ms_u16p0	22458		
k_LVHSNotDetect_Volts_u10p6	960		
k_LVHSNotDetect_ms_u16p0	5012		
k_LVLSCDetect_Volts_u10p6	384		
k_LVLSCDetect_ms_u16p0	59128		
k_LVLSCNotDetect_Volts_u10p6	960		
k_LVLSCNotDetect_ms_u16p0	60844		
k_LVLSDetect_Volts_u10p6	384		
k_LVLSDetect_ms_u16p0	19329		
k_LVLSSNotDetect_Volts_u10p6	960		
k_LVLSSNotDetect_ms_u16p0	28638		
k_LVSMDetect_Volts_u10p6	384		
k_LVSMDetect_ms_u16p0	55899		
k_LVSMNotDetect_Volts_u10p6	960		
k_LVSMNotDetect_ms_u16p0	3577		
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.3417892		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	486.705292		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	34174		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3687020288		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3687020288	3687020288	✔
CustBattDiag_LOISet_ms_M_u32p0	3687020288	3687020288	✔
CustBattDiag_LVCClr_ms_M_u32p0	359223040	359223040	✔
CustBattDiag_LVCSet_ms_M_u32p0	4255156480	4255156480	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2760131328	2760131328	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	811179264	811179264	✔
CustBattDiag_LVHSClr_ms_M_u32p0	639745792	639745792	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1309309184	1309309184	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1291388672	1291388672	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2887057664	2887057664	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1800239872	1800239872	✔
CustBattDiag_LVLSSet_ms_M_u32p0	302224640	302224640	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3628337920	3628337920	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1621140736	1621140736	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.60 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	183862784	
CustBattDiag_LOISet_ms_M_u32p0	916674560	
CustBattDiag_LVCClr_ms_M_u32p0	2405357056	
CustBattDiag_LVCSet_ms_M_u32p0	3558942720	
CustBattDiag_LVHSCClr_ms_M_u32p0	786299392	
CustBattDiag_LVHSCSet_ms_M_u32p0	692448256	
CustBattDiag_LVHSCClr_ms_M_u32p0	183862784	
CustBattDiag_LVHSCSet_ms_M_u32p0	916674560	
CustBattDiag_LVLSCClr_ms_M_u32p0	3985616384	
CustBattDiag_LVLSCSet_ms_M_u32p0	1352908800	
CustBattDiag_LVLSClr_ms_M_u32p0	2774684160	

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CustBattDiag\_Per2

Name	Input Value
CustBattDiag_LVLSSet_ms_M_u32p0	3257402368
CustBattDiag_LVSMClr_ms_M_u32p0	750690816
CustBattDiag_LVSMSet_ms_M_u32p0	1586549760
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	442.799744
k_CustBattDiaghispd_kph_f32	22.068531
k_CustBattDiaglospd_kph_f32	277.334503
k_LOIDetect_ms_u16p0	18107
k_LOINotDetect_ms_u16p0	49748
k_LVCDetect_Volts_u10p6	320
k_LVCDetect_ms_u16p0	33735
k_LVCNotDetect_Volts_u10p6	1856
k_LVCNotDetect_ms_u16p0	16970
k_LVHSCDetect_Volts_u10p6	1984
k_LVHSCDetect_ms_u16p0	48827
k_LVHSCNotDetect_Volts_u10p6	1856
k_LVHSCNotDetect_ms_u16p0	62722
k_LVHSDetect_Volts_u10p6	320
k_LVHSDetect_ms_u16p0	33298
k_LVHSNotDetect_Volts_u10p6	1856
k_LVHSNotDetect_ms_u16p0	30492
k_LVLSCDetect_Volts_u10p6	320
k_LVLSCDetect_ms_u16p0	5544
k_LVLSCNotDetect_Volts_u10p6	1856
k_LVLSCNotDetect_ms_u16p0	27044
k_LVLSDetect_Volts_u10p6	320
k_LVLSDetect_ms_u16p0	13869
k_LVLSNotDetect_Volts_u10p6	1856
k_LVLSNotDetect_ms_u16p0	50222
k_LVSMDetect_Volts_u10p6	320
k_LVSMDetect_ms_u16p0	23487
k_LVSMNotDetect_Volts_u10p6	1856
k_LVSMNotDetect_ms_u16p0	44798
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	62.3108559
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10647
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3069206016
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3069206016	3069206016	✓
CustBattDiag_LOISet_ms_M_u32p0	3069206016	3069206016	✓
CustBattDiag_LVCClr_ms_M_u32p0	2405357056	2405357056	✓
CustBattDiag_LVCSet_ms_M_u32p0	3558942720	3558942720	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	786299392	786299392	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	692448256	692448256	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	183862784	183862784	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	916674560	916674560	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3985616384	3985616384	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1352908800	1352908800	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2774684160	2774684160	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3257402368	3257402368	✓
CustBattDiag_LVSMClr_ms_M_u32p0	750690816	750690816	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1586549760	1586549760	✓

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.61 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1213608192
CustBattDiag_LOISet_ms_M_u32p0	2064956160
CustBattDiag_LVCClr_ms_M_u32p0	3294249216
CustBattDiag_LVCSet_ms_M_u32p0	2648394496
CustBattDiag_LVHSCClr_ms_M_u32p0	1064097024
CustBattDiag_LVHSCSet_ms_M_u32p0	377290496
CustBattDiag_LVHSCClr_ms_M_u32p0	1213608192
CustBattDiag_LVHSCSet_ms_M_u32p0	2064956160
CustBattDiag_LVLSCClr_ms_M_u32p0	455588096
CustBattDiag_LVLSCSet_ms_M_u32p0	280199936
CustBattDiag_LVLSCClr_ms_M_u32p0	4215262464
CustBattDiag_LVLSSet_ms_M_u32p0	305575680
CustBattDiag_LVSMClr_ms_M_u32p0	4201307392
CustBattDiag_LVSMSet_ms_M_u32p0	2755413760
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	189.863174
k_CustBattDiaghispd_kph_f32	361.994415
k_CustBattDiaglospd_kph_f32	145.078979
k_LOIDetect_ms_u16p0	39789
k_LOINotDetect_ms_u16p0	16855
k_LVCDetect_Volts_u10p6	192
k_LVCDetect_ms_u16p0	3528
k_LVCNotDetect_Volts_u10p6	1920
k_LVCNotDetect_ms_u16p0	53111
k_LVHSCDetect_Volts_u10p6	256
k_LVHSCDetect_ms_u16p0	43436
k_LVHSCNotDetect_Volts_u10p6	1920
k_LVHSCNotDetect_ms_u16p0	46605
k_LVHSDetect_Volts_u10p6	192
k_LVHSDetect_ms_u16p0	24389
k_LVHSNotDetect_Volts_u10p6	1920
k_LVHSNotDetect_ms_u16p0	26210
k_LVLSCDetect_Volts_u10p6	192
k_LVLSCDetect_ms_u16p0	8340
k_LVLSCNotDetect_Volts_u10p6	1920
k_LVLSCNotDetect_ms_u16p0	19545
k_LVLSDetect_Volts_u10p6	192
k_LVLSDetect_ms_u16p0	21669
k_LVLSNotDetect_Volts_u10p6	1920
k_LVLSNotDetect_ms_u16p0	6489
k_LVSMDetect_Volts_u10p6	192
k_LVSMDetect_ms_u16p0	60816
k_LVSMNotDetect_Volts_u10p6	1920
k_LVSMNotDetect_ms_u16p0	35210
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.9217949
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	57.722168
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5705
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1573234944
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc



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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1573234944	1573234944	✔
CustBattDiag_LOISet_ms_M_u32p0	1573234944	1573234944	✔
CustBattDiag_LVCClr_ms_M_u32p0	3294249216	3294249216	✔
CustBattDiag_LVCSet_ms_M_u32p0	2648394496	2648394496	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1064097024	1064097024	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	377290496	377290496	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1213608192	1213608192	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2064956160	2064956160	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	455588096	455588096	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	280199936	280199936	✔
CustBattDiag_LVLSClr_ms_M_u32p0	4215262464	4215262464	✔
CustBattDiag_LVLSSet_ms_M_u32p0	305575680	305575680	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4201307392	4201307392	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2755413760	2755413760	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.62 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	2717448448	
CustBattDiag_LOISet_ms_M_u32p0	582402816	
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	
CustBattDiag_LVCSet_ms_M_u32p0	3229569792	
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024	
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368	
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448	
CustBattDiag_LVHSCSet_ms_M_u32p0	582402816	
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632	
CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456	
CustBattDiag_LVLSClr_ms_M_u32p0	3712619776	
CustBattDiag_LVLSCSet_ms_M_u32p0	1902919424	
CustBattDiag_LVSMClr_ms_M_u32p0	92742912	
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3	
k_CustBattDiagLOIspd_kph_f32	118.50753	
k_CustBattDiaghispd_kph_f32	12.7944412	
k_CustBattDiaglospd_kph_f32	200.200348	
k_LOIDetect_ms_u16p0	34440	
k_LOINotDetect_ms_u16p0	15435	
k_LVCDetect_Volts_u10p6	640	
k_LVCDetect_ms_u16p0	63455	
k_LVCNotDetect_Volts_u10p6	0	
k_LVCNotDetect_ms_u16p0	18567	
k_LVHSCDetect_Volts_u10p6	768	
k_LVHSCDetect_ms_u16p0	31745	
k_LVHSCNotDetect_Volts_u10p6	0	
k_LVHSCNotDetect_ms_u16p0	43307	
k_LVHSDetect_Volts_u10p6	640	
k_LVHSDetect_ms_u16p0	23915	
k_LVHSNotDetect_Volts_u10p6	0	
k_LVHSNotDetect_ms_u16p0	39657	
k_LVLSCDetect_Volts_u10p6	640	
k_LVLSCDetect_ms_u16p0	15053	
k_LVLSCNotDetect_Volts_u10p6	0	
k_LVLSCNotDetect_ms_u16p0	65455	
k_LVLSDetect_Volts_u10p6	640	
k_LVLSDetect_ms_u16p0	15391	
k_LVLSNotDetect_Volts_u10p6	0	
k_LVLSNotDetect_ms_u16p0	12808	
k_LVSMDetect_Volts_u10p6	640	

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Name	Input Value
k_LVSMDetect_ms_u16p0	12394
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	10418
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.0694981
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	165.727875
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	47293
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	444559616
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	3576629504	✓
CustBattDiag_LVCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024	2070945024	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448	2717448448	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	582402816	582402816	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632	2228453632	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3712619776	3712619776	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	✓
CustBattDiag_LVSMClr_ms_M_u32p0	92742912	92742912	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	2069090048	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.63 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	512		
k_CustBattDiaghispd_kph_f32	512		
k_CustBattDiaglospd_kph_f32	512		
k_LOIDetect_ms_u16p0	65535		
k_LOINotDetect_ms_u16p0	65535		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	65535		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	65535		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	65535		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	65535		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	65535		
k_LVLSSNotDetect_Volts_u10p6	1984		
k_LVLSSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.64 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2427464192
CustBattDiag_LOISet_ms_M_u32p0	1917819904
CustBattDiag_LVCClr_ms_M_u32p0	2399304192
CustBattDiag_LVCSet_ms_M_u32p0	1209953280
CustBattDiag_LVHSCClr_ms_M_u32p0	3179077120
CustBattDiag_LVHSCSet_ms_M_u32p0	302018560
CustBattDiag_LVHSClr_ms_M_u32p0	2427464192
CustBattDiag_LVHSCSet_ms_M_u32p0	1917819904
CustBattDiag_LVLSCClr_ms_M_u32p0	2281099776
CustBattDiag_LVLSCSet_ms_M_u32p0	2767225856
CustBattDiag_LVLSCLR_ms_M_u32p0	14464512
CustBattDiag_LVLSSET_ms_M_u32p0	3238660096
CustBattDiag_LVSMCLR_ms_M_u32p0	3725723136
CustBattDiag_LVSMSET_ms_M_u32p0	2939410432
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	136.635666
k_CustBattDiaghispd_kph_f32	36.8944283
k_CustBattDiaglospd_kph_f32	293.883484
k_LOIDetect_ms_u16p0	34379
k_LOINotDetect_ms_u16p0	15968
k_LVCDetect_Volts_u10p6	832
k_LVCDetect_ms_u16p0	21814
k_LVCNotDetect_Volts_u10p6	1024
k_LVCNotDetect_ms_u16p0	2307
k_LVHSCDetect_Volts_u10p6	512
k_LVHSCDetect_ms_u16p0	39801
k_LVHSCNotDetect_Volts_u10p6	1024
k_LVHSCNotDetect_ms_u16p0	7283
k_LVHSDetect_Volts_u10p6	832
k_LVHSDetect_ms_u16p0	37537
k_LVHSNotDetect_Volts_u10p6	1024
k_LVHSNotDetect_ms_u16p0	15080
k_LVLSCDetect_Volts_u10p6	832
k_LVLSCDetect_ms_u16p0	28228
k_LVLSNotDetect_Volts_u10p6	1024
k_LVLSNotDetect_ms_u16p0	32572
k_LVLSDetect_Volts_u10p6	832
k_LVLSDetect_ms_u16p0	39121
k_LVLSNotDetect_Volts_u10p6	1024
k_LVLSNotDetect_ms_u16p0	4507
k_LVSMDetect_Volts_u10p6	832
k_LVSMDetect_ms_u16p0	27772
k_LVSMNotDetect_Volts_u10p6	1024
k_LVSMNotDetect_ms_u16p0	55759
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.7435856
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	419.163818
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	55984
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1183744512
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_LOISet_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_LVCClr_ms_M_u32p0	2399304192	2399304192	✓
CustBattDiag_LVCSet_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3179077120	3179077120	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2427464192	2427464192	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1917819904	1917819904	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2281099776	2281099776	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	14464512	14464512	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3238660096	3238660096	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3725723136	3725723136	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2939410432	2939410432	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.65 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3239069440	
CustBattDiag_LOISet_ms_M_u32p0	2320384256	
CustBattDiag_LVCClr_ms_M_u32p0	3866744576	
CustBattDiag_LVCSet_ms_M_u32p0	3914748160	
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264	
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040	
CustBattDiag_LVHSClr_ms_M_u32p0	3239069440	
CustBattDiag_LVHSSet_ms_M_u32p0	2320384256	
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024	
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224	
CustBattDiag_LVLSClr_ms_M_u32p0	38241024	
CustBattDiag_LVLSSet_ms_M_u32p0	1394531584	
CustBattDiag_LVSMClr_ms_M_u32p0	1077940992	
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1	
k_CustBattDiagLOIspd_kph_f32	131.33667	
k_CustBattDiaghispd_kph_f32	471.819061	
k_CustBattDiaglospd_kph_f32	69.1914825	
k_LOIDetect_ms_u16p0	52546	
k_LOINotDetect_ms_u16p0	58158	

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Name	Input Value		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	65241		
k_LVCNotDetect_Volts_u10p6	1280		
k_LVCNotDetect_ms_u16p0	4035		
k_LVHSCDetect_Volts_u10p6	576		
k_LVHSCDetect_ms_u16p0	59627		
k_LVHSCNotDetect_Volts_u10p6	1280		
k_LVHSCNotDetect_ms_u16p0	12772		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	28514		
k_LVHSNotDetect_Volts_u10p6	1280		
k_LVHSNotDetect_ms_u16p0	17223		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	48574		
k_LVLSCNotDetect_Volts_u10p6	1280		
k_LVLSCNotDetect_ms_u16p0	49241		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	64448		
k_LVLSNotDetect_Volts_u10p6	1280		
k_LVLSNotDetect_ms_u16p0	35164		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	51508		
k_LVSMNotDetect_Volts_u10p6	1280		
k_LVSMNotDetect_ms_u16p0	36456		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.3157749		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.4979305		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	39328		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1892744960		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1892744960	1892744960	✔
CustBattDiag_LOISet_ms_M_u32p0	1892744960	1892744960	✔
CustBattDiag_LVCClr_ms_M_u32p0	3866744576	3866744576	✔
CustBattDiag_LVCSet_ms_M_u32p0	3914748160	3914748160	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264	3119467264	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040	1938679040	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3239069440	3239069440	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2320384256	2320384256	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024	1340641024	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224	1921108224	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	38241024	38241024	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1394531584	1394531584	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1077940992	1077940992	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808	3742231808	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.66 (Repeat Count = 1)		✔
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	
CustBattDiag_LOISet_ms_M_u32p0	4294967295	
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	512		
k_CustBattDiaghispd_kph_f32	512		
k_CustBattDiaglospd_kph_f32	512		
k_LOIDetect_ms_u16p0	65535		
k_LOINotDetect_ms_u16p0	65535		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	65535		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	65535		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	65535		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	65535		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	65535		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✔



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CustBattDiag\_Per2



T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1		✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1		✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1		✓

## Test Step 2.67 (Repeat Count = 1)

Name	Input Value	✓
CustBattDiag_LOIClr_ms_M_u32p0	1543431936	
CustBattDiag_LOISet_ms_M_u32p0	3821396224	
CustBattDiag_LVCClr_ms_M_u32p0		



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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1957404416	1957404416	✓
CustBattDiag_LOISet_ms_M_u32p0	1957404416	1957404416	✓
CustBattDiag_LVCClr_ms_M_u32p0	2400220928	2400220928	✓
CustBattDiag_LVCSet_ms_M_u32p0	3266703616	3266703616	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2304240384	2304240384	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3901719808	3901719808	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1543431936	1543431936	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3821396224	3821396224	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1550528256	1550528256	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2762828032	2762828032	✓
CustBattDiag_LVLSClr_ms_M_u32p0	4150010624	4150010624	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2829876480	2829876480	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2893853440	2893853440	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2583923968	2583923968	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.68 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVCClr_ms_M_u32p0	3576629504
CustBattDiag_LVCSet_ms_M_u32p0	3229569792
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448
CustBattDiag_LVHSCSet_ms_M_u32p0	582402816
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632
CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
CustBattDiag_LVLSClr_ms_M_u32p0	3712619776
CustBattDiag_LVLSCSet_ms_M_u32p0	1902919424
CustBattDiag_LVSMClr_ms_M_u32p0	92742912
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	118.50753
k_CustBattDiaghispd_kph_f32	12.7944412
k_CustBattDiaglospd_kph_f32	200.200348
k_LOIDetect_ms_u16p0	34440
k_LOINotDetect_ms_u16p0	15435
k_LVCDetect_Volts_u10p6	640
k_LVCDetect_ms_u16p0	63455
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	18567
k_LVHSCDetect_Volts_u10p6	768
k_LVHSCDetect_ms_u16p0	31745
k_LVHSCNotDetect_Volts_u10p6	0
k_LVHSCNotDetect_ms_u16p0	43307
k_LVHSDetect_Volts_u10p6	640
k_LVHSDetect_ms_u16p0	23915
k_LVHSNotDetect_Volts_u10p6	0
k_LVHSNotDetect_ms_u16p0	39657
k_LVLSCDetect_Volts_u10p6	640
k_LVLSCDetect_ms_u16p0	15053
k_LVLSCNotDetect_Volts_u10p6	0
k_LVLSCNotDetect_ms_u16p0	65455
k_LVLSDetect_Volts_u10p6	640
k_LVLSDetect_ms_u16p0	15391
k_LVLSNotDetect_Volts_u10p6	0
k_LVLSNotDetect_ms_u16p0	12808
k_LVSMDetect_Volts_u10p6	640

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CustBattDiag\_Per2

Name	Input Value
k_LVSMDetect_ms_u16p0	12394
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	10418
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.0694981
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	165.727875
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	47293
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	444559616
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	3576629504	✓
CustBattDiag_LVCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024	2070945024	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2717448448	2717448448	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	582402816	582402816	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632	2228453632	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3712619776	3712619776	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	✓
CustBattDiag_LVSMClr_ms_M_u32p0	92742912	92742912	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	2069090048	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.69 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	512		
k_CustBattDiaghispd_kph_f32	512		
k_CustBattDiaglospd_kph_f32	512		
k_LOIDetect_ms_u16p0	65535		
k_LOINotDetect_ms_u16p0	65535		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	65535		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	65535		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	65535		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	65535		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	65535		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.70 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2167207936
CustBattDiag_LOISet_ms_M_u32p0	2116590080
CustBattDiag_LVCClr_ms_M_u32p0	2199046144
CustBattDiag_LVCSet_ms_M_u32p0	2643913216
CustBattDiag_LVHSCClr_ms_M_u32p0	2641988608
CustBattDiag_LVHSCSet_ms_M_u32p0	4245966336
CustBattDiag_LVHSCClr_ms_M_u32p0	2167207936
CustBattDiag_LVHSCSet_ms_M_u32p0	2116590080
CustBattDiag_LVLSCClr_ms_M_u32p0	3256967168
CustBattDiag_LVLSCSet_ms_M_u32p0	555565568
CustBattDiag_LVLSCClr_ms_M_u32p0	212313088
CustBattDiag_LVLSSet_ms_M_u32p0	2225481216
CustBattDiag_LVSMClr_ms_M_u32p0	3942151168
CustBattDiag_LVSMSet_ms_M_u32p0	1731687936
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	116.756523
k_CustBattDiaghispd_kph_f32	101.975334
k_CustBattDiaglospd_kph_f32	129.227005
k_LOIDetect_ms_u16p0	62454
k_LOINotDetect_ms_u16p0	23000
k_LVCDetect_Volts_u10p6	896
k_LVCDetect_ms_u16p0	25185
k_LVCNotDetect_Volts_u10p6	1728
k_LVCNotDetect_ms_u16p0	37397
k_LVHSCDetect_Volts_u10p6	128
k_LVHSCDetect_ms_u16p0	8757
k_LVHSCNotDetect_Volts_u10p6	1728
k_LVHSCNotDetect_ms_u16p0	37281
k_LVHSDetect_Volts_u10p6	896
k_LVHSDetect_ms_u16p0	29081
k_LVHSNotDetect_Volts_u10p6	1728
k_LVHSNotDetect_ms_u16p0	12140
k_LVLSCDetect_Volts_u10p6	896
k_LVLSCDetect_ms_u16p0	6063
k_LVLSCNotDetect_Volts_u10p6	1728
k_LVLSCNotDetect_ms_u16p0	30916
k_LVLSDetect_Volts_u10p6	896
k_LVLSDetect_ms_u16p0	46876
k_LVLSNotDetect_Volts_u10p6	1728
k_LVLSNotDetect_ms_u16p0	65149
k_LVSMDetect_Volts_u10p6	896
k_LVSMDetect_ms_u16p0	49694
k_LVSMNotDetect_Volts_u10p6	1728
k_LVSMNotDetect_ms_u16p0	59331
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.62109613
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	439.171997
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	32076
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3868561408
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3868561408	3868561408	✓
CustBattDiag_LOISet_ms_M_u32p0	3868561408	3868561408	✓
CustBattDiag_LVCClr_ms_M_u32p0	2199046144	2199046144	✓
CustBattDiag_LVCSet_ms_M_u32p0	2643913216	2643913216	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2641988608	2641988608	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4245966336	4245966336	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2167207936	2167207936	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2116590080	2116590080	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3256967168	3256967168	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	555565568	555565568	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	212313088	212313088	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2225481216	2225481216	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3942151168	3942151168	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1731687936	1731687936	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.71 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	104672512
CustBattDiag_LOISet_ms_M_u32p0	2743801600
CustBattDiag_LVCClr_ms_M_u32p0	851459328
CustBattDiag_LVCSet_ms_M_u32p0	682141440
CustBattDiag_LVHSCClr_ms_M_u32p0	731484416
CustBattDiag_LVHSCSet_ms_M_u32p0	2074024704
CustBattDiag_LVHSCClr_ms_M_u32p0	104672512
CustBattDiag_LVHSCSet_ms_M_u32p0	2743801600
CustBattDiag_LVLSCClr_ms_M_u32p0	2656449792
CustBattDiag_LVLSCSet_ms_M_u32p0	1889361664
CustBattDiag_LVLSCClr_ms_M_u32p0	3990685952
CustBattDiag_LVLSCSet_ms_M_u32p0	1348293376
CustBattDiag_LVSMClr_ms_M_u32p0	1058478336
CustBattDiag_LVSMSet_ms_M_u32p0	1154081536
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	162.624405
k_CustBattDiaghispd_kph_f32	494.773651
k_CustBattDiaglospd_kph_f32	324.518494
k_LOIDetect_ms_u16p0	2739
k_LOINotDetect_ms_u16p0	40194
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	6624
k_LVCNotDetect_Volts_u10p6	64
k_LVCNotDetect_ms_u16p0	20260
k_LVHSCDetect_Volts_u10p6	640
k_LVHSCDetect_ms_u16p0	24780
k_LVHSCNotDetect_Volts_u10p6	64
k_LVHSCNotDetect_ms_u16p0	37787
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	4650
k_LVHSNotDetect_Volts_u10p6	64
k_LVHSNotDetect_ms_u16p0	21767
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	16125
k_LVLSCNotDetect_Volts_u10p6	64
k_LVLSCNotDetect_ms_u16p0	50805
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	8538
k_LVLSNotDetect_Volts_u10p6	64
k_LVLSNotDetect_ms_u16p0	58325
k_LVSMDetect_Volts_u10p6	0

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CustBattDiag\_Per2

Name	Input Value
k_LVSMDetect_ms_u16p0	18176
k_LVSMNotDetect_Volts_u10p6	64
k_LVSMNotDetect_ms_u16p0	48469
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.7818298
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	291.251495
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	54244
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3730121984
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3730121984	3730121984	✓
CustBattDiag_LOISet_ms_M_u32p0	3730121984	3730121984	✓
CustBattDiag_LVCClr_ms_M_u32p0	851459328	851459328	✓
CustBattDiag_LVCSet_ms_M_u32p0	682141440	682141440	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	731484416	731484416	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2074024704	2074024704	✓
CustBattDiag_LVHSClr_ms_M_u32p0	104672512	104672512	✓
CustBattDiag_LVHSSet_ms_M_u32p0	2743801600	2743801600	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2656449792	2656449792	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1889361664	1889361664	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3990685952	3990685952	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1348293376	1348293376	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1058478336	1058478336	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1154081536	1154081536	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 2.72 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	512
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	512
k_LOIDetect_ms_u16p0	65535
k_LOINotDetect_ms_u16p0	65535
k_LVCDetect_Volts_u10p6	1984
k_LVCDetect_ms_u16p0	65535
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	65535

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CustBattDiag\_Per2

Name	Input Value		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	65535		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	65535		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	65535		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.73 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	104672512	
CustBattDiag_LOISet_ms_M_u32p0	2743801600	
CustBattDiag_LVCClr_ms_M_u32p0	851459328	
CustBattDiag_LVCSet_ms_M_u32p0	682141440	
CustBattDiag_LVHSCClr_ms_M_u32p0	731484416	
CustBattDiag_LVHSCSet_ms_M_u32p0	2074024704	
CustBattDiag_LVHSCClr_ms_M_u32p0	104672512	
CustBattDiag_LVHSCSet_ms_M_u32p0	2743801600	
CustBattDiag_LVLSCClr_ms_M_u32p0	2656449792	
CustBattDiag_LVLSCSet_ms_M_u32p0	1889361664	
CustBattDiag_LVLSCClr_ms_M_u32p0	3990685952	



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Name	Input Value		
CustBattDiag_LVLSSet_ms_M_u32p0	1348293376		
CustBattDiag_LVSMClr_ms_M_u32p0	1058478336		
CustBattDiag_LVSMSet_ms_M_u32p0	1154081536		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOIspd_kph_f32	162.624405		
k_CustBattDiaghispd_kph_f32	494.773651		
k_CustBattDiaglospd_kph_f32	324.518494		
k_LOIDetect_ms_u16p0	2739		
k_LOINotDetect_ms_u16p0	40194		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	6624		
k_LVCNotDetect_Volts_u10p6	64		
k_LVCNotDetect_ms_u16p0	20260		
k_LVHSCDetect_Volts_u10p6	640		
k_LVHSCDetect_ms_u16p0	24780		
k_LVHSCNotDetect_Volts_u10p6	64		
k_LVHSCNotDetect_ms_u16p0	37787		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	4650		
k_LVHSNotDetect_Volts_u10p6	64		
k_LVHSNotDetect_ms_u16p0	21767		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	16125		
k_LVLSCNotDetect_Volts_u10p6	64		
k_LVLSCNotDetect_ms_u16p0	50805		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	8538		
k_LVLSNotDetect_Volts_u10p6	64		
k_LVLSNotDetect_ms_u16p0	58325		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	18176		
k_LVSMNotDetect_Volts_u10p6	64		
k_LVSMNotDetect_ms_u16p0	48469		
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.7818298		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	291.251495		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	54244		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3730121984		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3730121984	3730121984	✔
CustBattDiag_LOISet_ms_M_u32p0	3730121984	3730121984	✔
CustBattDiag_LVCClr_ms_M_u32p0	851459328	851459328	✔
CustBattDiag_LVCSet_ms_M_u32p0	682141440	682141440	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	731484416	731484416	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2074024704	2074024704	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	104672512	104672512	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2743801600	2743801600	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2656449792	2656449792	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1889361664	1889361664	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3990685952	3990685952	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1348293376	1348293376	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1058478336	1058478336	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1154081536	1154081536	✔



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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.74 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1775975424
CustBattDiag_LOISet_ms_M_u32p0	2249817600
CustBattDiag_LVCClr_ms_M_u32p0	2224163840
CustBattDiag_LVCSet_ms_M_u32p0	553700864
CustBattDiag_LVHSCClr_ms_M_u32p0	1482035200
CustBattDiag_LVHSCSet_ms_M_u32p0	1122857472
CustBattDiag_LVHSCClr_ms_M_u32p0	1775975424
CustBattDiag_LVHSCSet_ms_M_u32p0	2249817600
CustBattDiag_LVLSCClr_ms_M_u32p0	800072704
CustBattDiag_LVLSCSet_ms_M_u32p0	570598912
CustBattDiag_LVLSCClr_ms_M_u32p0	2506860544
CustBattDiag_LVLSSet_ms_M_u32p0	2744306176
CustBattDiag_LVSMClr_ms_M_u32p0	3724376064
CustBattDiag_LVSMSet_ms_M_u32p0	3968670208
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	113.821236
k_CustBattDiaghispd_kph_f32	338.566528
k_CustBattDiaglospd_kph_f32	412.042084
k_LOIDetect_ms_u16p0	31935
k_LOINotDetect_ms_u16p0	13483
k_LVCDetect_Volts_u10p6	512
k_LVCDetect_ms_u16p0	0
k_LVCNotDetect_Volts_u10p6	1408
k_LVCNotDetect_ms_u16p0	32197
k_LVHSCDetect_Volts_u10p6	1792
k_LVHSCDetect_ms_u16p0	17331
k_LVHSCNotDetect_Volts_u10p6	1408
k_LVHSCNotDetect_ms_u16p0	30752
k_LVHSDetect_Volts_u10p6	512
k_LVHSDetect_ms_u16p0	7868
k_LVHSNotDetect_Volts_u10p6	1408
k_LVHSNotDetect_ms_u16p0	52732
k_LVLSCDetect_Volts_u10p6	512
k_LVLSCDetect_ms_u16p0	26385
k_LVLSCNotDetect_Volts_u10p6	1408
k_LVLSCNotDetect_ms_u16p0	52225
k_LVLSDetect_Volts_u10p6	512
k_LVLSDetect_ms_u16p0	3355
k_LVLSNotDetect_Volts_u10p6	1408
k_LVLSNotDetect_ms_u16p0	15363
k_LVSMDetect_Volts_u10p6	512
k_LVSMDetect_ms_u16p0	19786
k_LVSMNotDetect_Volts_u10p6	1408
k_LVSMNotDetect_ms_u16p0	15265
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.49757
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	384.595032
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	23517
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1467175936
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1467175936	1467175936	✓
CustBattDiag_LOISet_ms_M_u32p0	1467175936	1467175936	✓
CustBattDiag_LVCClr_ms_M_u32p0	2224163840	2224163840	✓
CustBattDiag_LVCSet_ms_M_u32p0	553700864	553700864	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1482035200	1482035200	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1122857472	1122857472	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1775975424	1775975424	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2249817600	2249817600	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	800072704	800072704	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	570598912	570598912	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2506860544	2506860544	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2744306176	2744306176	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3724376064	3724376064	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3968670208	3968670208	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.75 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	234688256
CustBattDiag_LOISet_ms_M_u32p0	2093631744
CustBattDiag_LVCClr_ms_M_u32p0	3709378304
CustBattDiag_LVCSet_ms_M_u32p0	760502528
CustBattDiag_LVHSCClr_ms_M_u32p0	1725731584
CustBattDiag_LVHSCSet_ms_M_u32p0	3072224512
CustBattDiag_LVHSCClr_ms_M_u32p0	234688256
CustBattDiag_LVHSCSet_ms_M_u32p0	2093631744
CustBattDiag_LVLSCClr_ms_M_u32p0	2451461888
CustBattDiag_LVLSCSet_ms_M_u32p0	531550464
CustBattDiag_LVLSCClr_ms_M_u32p0	2751187712
CustBattDiag_LVLSCSet_ms_M_u32p0	2022597888
CustBattDiag_LVSMClr_ms_M_u32p0	361126656
CustBattDiag_LVSMSet_ms_M_u32p0	719287552
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	164.512924
k_CustBattDiaghispd_kph_f32	251.323074
k_CustBattDiaglospd_kph_f32	380.891144
k_LOIDetect_ms_u16p0	38007
k_LOINotDetect_ms_u16p0	32812
k_LVCDetect_Volts_u10p6	640
k_LVCDetect_ms_u16p0	65535
k_LVCNotDetect_Volts_u10p6	192
k_LVCNotDetect_ms_u16p0	34397
k_LVHSCDetect_Volts_u10p6	1600
k_LVHSCDetect_ms_u16p0	58330
k_LVHSCNotDetect_Volts_u10p6	192
k_LVHSCNotDetect_ms_u16p0	16395
k_LVHSDetect_Volts_u10p6	640
k_LVHSDetect_ms_u16p0	1378
k_LVHSNotDetect_Volts_u10p6	192
k_LVHSNotDetect_ms_u16p0	61464
k_LVLSCDetect_Volts_u10p6	640
k_LVLSCDetect_ms_u16p0	65521
k_LVLSCNotDetect_Volts_u10p6	192
k_LVLSCNotDetect_ms_u16p0	16153
k_LVLSDetect_Volts_u10p6	640
k_LVLSDetect_ms_u16p0	42612
k_LVLSNotDetect_Volts_u10p6	192
k_LVLSNotDetect_ms_u16p0	5812
k_LVSMDetect_Volts_u10p6	640

# TEST DETAILS REPORT

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CustBattDiag\_Per2

Name	Input Value
k_LVSMDetect_ms_u16p0	21128
k_LVSMNotDetect_Volts_u10p6	192
k_LVSMNotDetect_ms_u16p0	62329
target_CustBattDiag_Per2_Batt_Volt_f32.value	21.7378616
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	331.97644
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	1807
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	1670694656
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1670694656	1670694656	✓
CustBattDiag_LOISet_ms_M_u32p0	1670694656	1670694656	✓
CustBattDiag_LVCClr_ms_M_u32p0	3709378304	3709378304	✓
CustBattDiag_LVCSet_ms_M_u32p0	1670694656	1670694656	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1725731584	1725731584	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1670694656	1670694656	✓
CustBattDiag_LVHSClr_ms_M_u32p0	234688256	234688256	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2093631744	2093631744	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2451461888	2451461888	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1670694656	1670694656	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2751187712	2751187712	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2022597888	2022597888	✓
CustBattDiag_LVSMClr_ms_M_u32p0	361126656	361126656	✓
CustBattDiag_LVSMSet_ms_M_u32p0	719287552	719287552	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16	1	✓

Test Step 2.76 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2762184192
CustBattDiag_LOISet_ms_M_u32p0	765716480
CustBattDiag_LVCClr_ms_M_u32p0	3650151936
CustBattDiag_LVCSet_ms_M_u32p0	2554705920
CustBattDiag_LVHSCClr_ms_M_u32p0	1830095360
CustBattDiag_LVHSCSet_ms_M_u32p0	1815575552
CustBattDiag_LVHSCClr_ms_M_u32p0	2762184192
CustBattDiag_LVHSCSet_ms_M_u32p0	765716480
CustBattDiag_LVLSCClr_ms_M_u32p0	392150528
CustBattDiag_LVLSCSet_ms_M_u32p0	1628852224
CustBattDiag_LVLSCClr_ms_M_u32p0	1486316032
CustBattDiag_LVLSSet_ms_M_u32p0	4257715200
CustBattDiag_LVSMClr_ms_M_u32p0	574075392
CustBattDiag_LVSMSet_ms_M_u32p0	1058300928
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2

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CustBattDiag\_Per2

Name	Input Value		
k_CustBattDiagLOIspd_kph_f32	267.52887		
k_CustBattDiaghispd_kph_f32	353.085358		
k_CustBattDiaglospd_kph_f32	261.021942		
k_LOIDetect_ms_u16p0	29629		
k_LOINotDetect_ms_u16p0	22068		
k_LVCDetect_Volts_u10p6	1216		
k_LVCDetect_ms_u16p0	25950		
k_LVCNotDetect_Volts_u10p6	256		
k_LVCNotDetect_ms_u16p0	40738		
k_LVHSCDetect_Volts_u10p6	192		
k_LVHSCDetect_ms_u16p0	39122		
k_LVHSCNotDetect_Volts_u10p6	256		
k_LVHSCNotDetect_ms_u16p0	30679		
k_LVHSDetect_Volts_u10p6	1216		
k_LVHSDetect_ms_u16p0	40027		
k_LVHSNotDetect_Volts_u10p6	256		
k_LVHSNotDetect_ms_u16p0	53970		
k_LVLSCDetect_Volts_u10p6	1216		
k_LVLSCDetect_ms_u16p0	29182		
k_LVLSCNotDetect_Volts_u10p6	256		
k_LVLSCNotDetect_ms_u16p0	19103		
k_LVLSDetect_Volts_u10p6	1216		
k_LVLSDetect_ms_u16p0	13461		
k_LVLSSNotDetect_Volts_u10p6	256		
k_LVLSSNotDetect_ms_u16p0	52460		
k_LVSMDetect_Volts_u10p6	1216		
k_LVSMDetect_ms_u16p0	27257		
k_LVSMNotDetect_Volts_u10p6	256		
k_LVSMNotDetect_ms_u16p0	9149		
target_CustBattDiag_Per2_Batt_Volt_f32.value	7.66694832		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	288.533569		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	44068		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3367792128		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3367792128	3367792128	✓
CustBattDiag_LOISet_ms_M_u32p0	3367792128	3367792128	✓
CustBattDiag_LVCClr_ms_M_u32p0	3650151936	3650151936	✓
CustBattDiag_LVCSet_ms_M_u32p0	2554705920	2554705920	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1830095360	1830095360	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3367792128	3367792128	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2762184192	2762184192	✓
CustBattDiag_LVHSSet_ms_M_u32p0	765716480	765716480	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	392150528	392150528	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3367792128	3367792128	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1486316032	1486316032	✓
CustBattDiag_LVLSSet_ms_M_u32p0	4257715200	4257715200	✓
CustBattDiag_LVSMClr_ms_M_u32p0	574075392	574075392	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1058300928	1058300928	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.77 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2274099456
CustBattDiag_LOISet_ms_M_u32p0	206768896
CustBattDiag_LVCClr_ms_M_u32p0	33820928
CustBattDiag_LVCSet_ms_M_u32p0	1470995200
CustBattDiag_LVHSCClr_ms_M_u32p0	4110918912
CustBattDiag_LVHSCSet_ms_M_u32p0	3353890560
CustBattDiag_LVHSClr_ms_M_u32p0	2274099456
CustBattDiag_LVHSCSet_ms_M_u32p0	206768896
CustBattDiag_LVLSCClr_ms_M_u32p0	2985789696
CustBattDiag_LVLSCSet_ms_M_u32p0	2644235008
CustBattDiag_LVLSClr_ms_M_u32p0	3386940672
CustBattDiag_LVLSCSet_ms_M_u32p0	295175936
CustBattDiag_LVSMClr_ms_M_u32p0	306162944
CustBattDiag_LVSMSet_ms_M_u32p0	1156683520
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	315.395477
k_CustBattDiaghispd_kph_f32	367.390198
k_CustBattDiaglospd_kph_f32	330.783264
k_LOIDetect_ms_u16p0	4774
k_LOINotDetect_ms_u16p0	55927
k_LVCDetect_Volts_u10p6	960
k_LVCNotDetect_Volts_u10p6	1496
k_LVCNotDetect_ms_u16p0	1920
k_LVCNotDetect_ms_u16p0	0
k_LVHSCDetect_Volts_u10p6	448
k_LVHSCDetect_ms_u16p0	27048
k_LVHSCNotDetect_Volts_u10p6	1920
k_LVHSCNotDetect_ms_u16p0	20945
k_LVHSDetect_Volts_u10p6	960
k_LVHSDetect_ms_u16p0	42668
k_LVHSNotDetect_Volts_u10p6	1920
k_LVHSNotDetect_ms_u16p0	32640
k_LVLSCDetect_Volts_u10p6	960
k_LVLSCDetect_ms_u16p0	5587
k_LVLSCNotDetect_Volts_u10p6	1920
k_LVLSCNotDetect_ms_u16p0	10664
k_LVLSDetect_Volts_u10p6	960
k_LVLSDetect_ms_u16p0	11183
k_LVLNNotDetect_Volts_u10p6	1920
k_LVLNNotDetect_ms_u16p0	1890
k_LVSMDetect_Volts_u10p6	960
k_LVSMDetect_ms_u16p0	23459
k_LVSMNotDetect_Volts_u10p6	1920
k_LVSMNotDetect_ms_u16p0	48013
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.4922981
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1

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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	92.9456177
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	30944
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	748779776
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	748779776	748779776	✓
CustBattDiag_LOISet_ms_M_u32p0	748779776	748779776	✓
CustBattDiag_LVCClr_ms_M_u32p0	33820928	33820928	✓
CustBattDiag_LVCSet_ms_M_u32p0	1470995200	1470995200	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4110918912	4110918912	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3353890560	3353890560	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2274099456	2274099456	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	206768896	206768896	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2985789696	2985789696	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2644235008	2644235008	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3386940672	3386940672	✓
CustBattDiag_LVLSSet_ms_M_u32p0	295175936	295175936	✓
CustBattDiag_LVSMClr_ms_M_u32p0	306162944	306162944	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1156683520	1156683520	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.78 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1514061824
CustBattDiag_LOISet_ms_M_u32p0	2358354432
CustBattDiag_LVCClr_ms_M_u32p0	2669056000
CustBattDiag_LVCSet_ms_M_u32p0	146928128
CustBattDiag_LVHSCClr_ms_M_u32p0	4250653696
CustBattDiag_LVHSCSet_ms_M_u32p0	870438400
CustBattDiag_LVHSClr_ms_M_u32p0	1514061824
CustBattDiag_LVHSCSet_ms_M_u32p0	2358354432
CustBattDiag_LVLSCClr_ms_M_u32p0	3541837824
CustBattDiag_LVLSCSet_ms_M_u32p0	3587656192
CustBattDiag_LVLSClr_ms_M_u32p0	951118848
CustBattDiag_LVLSSet_ms_M_u32p0	3685920256
CustBattDiag_LVSMClr_ms_M_u32p0	1876147200
CustBattDiag_LVSMSet_ms_M_u32p0	1541799424
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	351.489716
k_CustBattDiaghispd_kph_f32	359.638
k_CustBattDiaglospd_kph_f32	189.475555
k_LOIDetect_ms_u16p0	28600
k_LOINotDetect_ms_u16p0	43675
k_LVCDetect_Volts_u10p6	320
k_LVCNotDetect_Volts_u10p6	31135
k_LVCNotDetect_Volts_u10p6	1216
k_LVCNotDetect_Volts_u10p6	65535
k_LVHSCDetect_Volts_u10p6	256
k_LVHSCDetect_ms_u16p0	6129
k_LVHSCNotDetect_Volts_u10p6	1216
k_LVHSCNotDetect_ms_u16p0	45005
k_LVHSDetect_Volts_u10p6	320
k_LVHSDetect_ms_u16p0	2566
k_LVHSNotDetect_Volts_u10p6	1216

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CustBattDiag\_Per2

Name	Input Value
k_LVHSNotDetect_ms_u16p0	60130
k_LVLSCDetect_Volts_u10p6	320
k_LVLSCDetect_ms_u16p0	11359
k_LVLSCNotDetect_Volts_u10p6	1216
k_LVLSCNotDetect_ms_u16p0	63416
k_LVLSDetect_Volts_u10p6	320
k_LVLSDetect_ms_u16p0	20973
k_LVLSNotDetect_Volts_u10p6	1216
k_LVLSNotDetect_ms_u16p0	45226
k_LVSMDetect_Volts_u10p6	320
k_LVSMDetect_ms_u16p0	52528
k_LVSMNotDetect_Volts_u10p6	1216
k_LVSMNotDetect_ms_u16p0	59977
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.49092102
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	342.896698
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	52920
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3068024832
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3068024832	3068024832	✓
CustBattDiag_LOISet_ms_M_u32p0	3068024832	3068024832	✓
CustBattDiag_LVCClr_ms_M_u32p0	2669056000	2669056000	✓
CustBattDiag_LVCSet_ms_M_u32p0	146928128	146928128	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4250653696	4250653696	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	870438400	870438400	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1514061824	1514061824	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2358354432	2358354432	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3541837824	3541837824	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3587656192	3587656192	✓
CustBattDiag_LVLSClr_ms_M_u32p0	951118848	951118848	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3685920256	3685920256	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1876147200	1876147200	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1541799424	1541799424	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 2.79 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	534938368
CustBattDiag_LOISet_ms_M_u32p0	3874610432
CustBattDiag_LVCClr_ms_M_u32p0	882578176
CustBattDiag_LVCSet_ms_M_u32p0	1470164224
CustBattDiag_LVHSCClr_ms_M_u32p0	3017492224
CustBattDiag_LVHSCSet_ms_M_u32p0	2731622656
CustBattDiag_LVHSClr_ms_M_u32p0	534938368
CustBattDiag_LVHSCSet_ms_M_u32p0	3874610432
CustBattDiag_LVLSCClr_ms_M_u32p0	1290423040
CustBattDiag_LVLSCSet_ms_M_u32p0	2478892288
CustBattDiag_LVLSClr_ms_M_u32p0	1413218048
CustBattDiag_LVLSSet_ms_M_u32p0	2629744896
CustBattDiag_LVSMClr_ms_M_u32p0	2115211008
CustBattDiag_LVSMSet_ms_M_u32p0	3445934336
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2



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CustBattDiag\_Per2

Name	Input Value		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	56.8123741		
k_CustBattDiaghispd_kph_f32	373.595215		
k_CustBattDiaglospd_kph_f32	249.15741		
k_LOIDetect_ms_u16p0	56093		
k_LOINotDetect_ms_u16p0	54124		
k_LVCDetect_Volts_u10p6	1792		
k_LVCDetect_ms_u16p0	4839		
k_LVCNotDetect_Volts_u10p6	1408		
k_LVCNotDetect_ms_u16p0	451		
k_LVHSCDetect_Volts_u10p6	704		
k_LVHSCDetect_ms_u16p0	55985		
k_LVHSCNotDetect_Volts_u10p6	1408		
k_LVHSCNotDetect_ms_u16p0	33300		
k_LVHSDetect_Volts_u10p6	1792		
k_LVHSDetect_ms_u16p0	35091		
k_LVHSNotDetect_Volts_u10p6	1408		
k_LVHSNotDetect_ms_u16p0	1143		
k_LVLSCDetect_Volts_u10p6	1792		
k_LVLSCDetect_ms_u16p0	4761		
k_LVLSNotDetect_Volts_u10p6	1408		
k_LVLSNotDetect_ms_u16p0	64516		
k_LVLSDetect_Volts_u10p6	1792		
k_LVLSDetect_ms_u16p0	60558		
k_LVLSNotDetect_Volts_u10p6	1408		
k_LVLSNotDetect_ms_u16p0	23247		
k_LVSMDetect_Volts_u10p6	1792		
k_LVSMDetect_ms_u16p0	55653		
k_LVSMNotDetect_Volts_u10p6	1408		
k_LVSMNotDetect_ms_u16p0	11154		
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.1335382		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	443.169403		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	51469		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	2791553792		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2791553792	2791553792	✔
CustBattDiag_LOISet_ms_M_u32p0	2791553792	2791553792	✔
CustBattDiag_LVCClr_ms_M_u32p0	882578176	882578176	✔
CustBattDiag_LVCSet_ms_M_u32p0	1470164224	1470164224	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3017492224	3017492224	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2731622656	2731622656	✔
CustBattDiag_LVHSClr_ms_M_u32p0	534938368	534938368	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3874610432	3874610432	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1290423040	1290423040	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2478892288	2478892288	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1413218048	1413218048	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2629744896	2629744896	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2115211008	2115211008	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3445934336	3445934336	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓	

Test Step 2.80 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	96680448	



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Name	Input Value		
CustBattDiag_LOISet_ms_M_u32p0	3061656576		
CustBattDiag_LVCClr_ms_M_u32p0	500795904		
CustBattDiag_LVCSet_ms_M_u32p0	3031432192		
CustBattDiag_LVHSCClr_ms_M_u32p0	300477952		
CustBattDiag_LVHSCSet_ms_M_u32p0	2909732864		
CustBattDiag_LVHSClr_ms_M_u32p0	96680448		
CustBattDiag_LVHSSet_ms_M_u32p0	3061656576		
CustBattDiag_LVLSCClr_ms_M_u32p0	936108544		
CustBattDiag_LVLSCSet_ms_M_u32p0	2519733248		
CustBattDiag_LVLSClr_ms_M_u32p0	3114714624		
CustBattDiag_LVLSSet_ms_M_u32p0	1803982848		
CustBattDiag_LVSMClr_ms_M_u32p0	3462403584		
CustBattDiag_LVSMSet_ms_M_u32p0	3319031808		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOIspd_kph_f32	441.965729		
k_CustBattDiaghispd_kph_f32	71.0591736		
k_CustBattDiaglospd_kph_f32	104.773148		
k_LOIDetect_ms_u16p0	33051		
k_LOINotDetect_ms_u16p0	32069		
k_LVCDetect_Volts_u10p6	512		
k_LVCDetect_ms_u16p0	55613		
k_LVCNotDetect_Volts_u10p6	1408		
k_LVCNotDetect_ms_u16p0	24160		
k_LVHSCDetect_Volts_u10p6	1728		
k_LVHSCDetect_ms_u16p0	39324		
k_LVHSCNotDetect_Volts_u10p6	1408		
k_LVHSCNotDetect_ms_u16p0	13964		
k_LVHSDetect_Volts_u10p6	512		
k_LVHSDetect_ms_u16p0	32918		
k_LVHSNotDetect_Volts_u10p6	1408		
k_LVHSNotDetect_ms_u16p0	38019		
k_LVLSCDetect_Volts_u10p6	512		
k_LVLSCDetect_ms_u16p0	21078		
k_LVLSCNotDetect_Volts_u10p6	1408		
k_LVLSCNotDetect_ms_u16p0	37804		
k_LVLSDetect_Volts_u10p6	512		
k_LVLSDetect_ms_u16p0	25750		
k_LVLSNotDetect_Volts_u10p6	1408		
k_LVLSNotDetect_ms_u16p0	23149		
k_LVSMDetect_Volts_u10p6	512		
k_LVSMDetect_ms_u16p0	0		
k_LVSMNotDetect_Volts_u10p6	1408		
k_LVSMNotDetect_ms_u16p0	61251		
target_CustBattDiag_Per2_Batt_Volt_f32.value	12.1027193		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	124.911034		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	22139		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	488608256		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	488608256	488608256	✔
CustBattDiag_LOISet_ms_M_u32p0	488608256	488608256	✔
CustBattDiag_LVCClr_ms_M_u32p0	488608256	488608256	✔
CustBattDiag_LVCSet_ms_M_u32p0	488608256	488608256	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	488608256	488608256	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2909732864	2909732864	✔
CustBattDiag_LVHSClr_ms_M_u32p0	96680448	96680448	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3061656576	3061656576	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	488608256	488608256	✔
CustBattDiag_LVLSCSet ms M_u32p0	488608256	488608256	✔

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSClr_ms_M_u32p0	3114714624	3114714624	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1803982848	1803982848	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3462403584	3462403584	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3319031808	3319031808	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.81 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3753710848
CustBattDiag_LOISet_ms_M_u32p0	1540833024
CustBattDiag_LVCClr_ms_M_u32p0	2495227136
CustBattDiag_LVCSet_ms_M_u32p0	1887358720
CustBattDiag_LVHSCClr_ms_M_u32p0	2736519424
CustBattDiag_LVHSCSet_ms_M_u32p0	928105216
CustBattDiag_LVHSCClr_ms_M_u32p0	3753710848
CustBattDiag_LVHSSet_ms_M_u32p0	1540833024
CustBattDiag_LVLSCClr_ms_M_u32p0	2655198464
CustBattDiag_LVLSCLSet_ms_M_u32p0	2321450752
CustBattDiag_LVLSCLr_ms_M_u32p0	2437050624
CustBattDiag_LVLSSet_ms_M_u32p0	2037054208
CustBattDiag_LVSMClr_ms_M_u32p0	2622914816
CustBattDiag_LVSMSet_ms_M_u32p0	2780924672
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	366.329346
k_CustBattDiaghispd_kph_f32	61.34795
k_CustBattDiaglospd_kph_f32	17.1294899
k_LOIDetect_ms_u16p0	34460
k_LOINotDetect_ms_u16p0	17111
k_LVCDetect_Volts_u10p6	1280
k_LVCDetect_ms_u16p0	32693
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	50437
k_LVHSCDetect_Volts_u10p6	64
k_LVHSCDetect_ms_u16p0	63320
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	51010
k_LVHSDetect_Volts_u10p6	1280
k_LVHSDetect_ms_u16p0	60426
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	32251
k_LVLSCDetect_Volts_u10p6	1280
k_LVLSCDetect_ms_u16p0	27610
k_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	3858
k_LVLSDetect_Volts_u10p6	1280
k_LVLSDetect_ms_u16p0	54460
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	37230
k_LVSMDetect_Volts_u10p6	1280
k_LVSMDetect_ms_u16p0	65535
k_LVSMNotDetect_Volts_u10p6	1088
k_LVSMNotDetect_ms_u16p0	15756
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1

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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	202.194336
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	59629
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	419958016
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LOISet_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LVCClr_ms_M_u32p0	2495227136	2495227136	✓
CustBattDiag_LVCSet_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2736519424	2736519424	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3753710848	3753710848	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1540833024	1540833024	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2655198464	2655198464	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	2437050624	2437050624	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2037054208	2037054208	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2622914816	2622914816	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2780924672	2780924672	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.82 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	519799808
CustBattDiag_LOISet_ms_M_u32p0	534054400
CustBattDiag_LVCClr_ms_M_u32p0	138695680
CustBattDiag_LVCSet_ms_M_u32p0	3021886976
CustBattDiag_LVHSCClr_ms_M_u32p0	1567545344
CustBattDiag_LVHSCSet_ms_M_u32p0	2356509184
CustBattDiag_LVHSClr_ms_M_u32p0	519799808
CustBattDiag_LVHSCSet_ms_M_u32p0	534054400
CustBattDiag_LVLSCClr_ms_M_u32p0	1703504896
CustBattDiag_LVLSCSet_ms_M_u32p0	2875141632
CustBattDiag_LVLSCLR_ms_M_u32p0	1658548224
CustBattDiag_LVLSSet_ms_M_u32p0	3507081728

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CustBattDiag\_Per2

Name	Input Value
CustBattDiag_LVSMClr_ms_M_u32p0	1709129728
CustBattDiag_LVSMSet_ms_M_u32p0	2588287488
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	143.204926
k_CustBattDiaghispd_kph_f32	245.377304
k_CustBattDiaglospd_kph_f32	14.8872967
k_LOIDetect_ms_u16p0	32676
k_LOINotDetect_ms_u16p0	6348
k_LVCDetect_Volts_u10p6	832
k_LVCDetect_ms_u16p0	36825
k_LVCNotDetect_Volts_u10p6	640
k_LVCNotDetect_ms_u16p0	8643
k_LVHSCDetect_Volts_u10p6	1600
k_LVHSCDetect_ms_u16p0	65202
k_LVHSCNotDetect_Volts_u10p6	640
k_LVHSCNotDetect_ms_u16p0	31436
k_LVHSDetect_Volts_u10p6	832
k_LVHSDetect_ms_u16p0	41915
k_LVHSNotDetect_Volts_u10p6	640
k_LVHSNotDetect_ms_u16p0	25793
k_LVLSCDetect_Volts_u10p6	832
k_LVLSCDetect_ms_u16p0	34075
k_LVLSNotDetect_Volts_u10p6	640
k_LVLSNotDetect_ms_u16p0	17868
k_LVLSDetect_Volts_u10p6	832
k_LVLSDetect_ms_u16p0	60310
k_LVLSNotDetect_Volts_u10p6	640
k_LVLSNotDetect_ms_u16p0	47831
k_LVSMDetect_Volts_u10p6	832
k_LVSMDetect_ms_u16p0	22113
k_LVSMNotDetect_Volts_u10p6	640
k_LVSMNotDetect_ms_u16p0	63134
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.87330675
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	262.257202
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	29027
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1962580992
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1962580992	1962580992	✓
CustBattDiag_LOISet_ms_M_u32p0	1962580992	1962580992	✓
CustBattDiag_LVCClr_ms_M_u32p0	138695680	138695680	✓
CustBattDiag_LVCSet_ms_M_u32p0	3021886976	3021886976	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1567545344	1567545344	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2356509184	2356509184	✓
CustBattDiag_LVHSClr_ms_M_u32p0	519799808	519799808	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	534054400	534054400	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1703504896	1703504896	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2875141632	2875141632	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1658548224	1658548224	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3507081728	3507081728	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1709129728	1709129728	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2588287488	2588287488	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

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CustBattDiag\_Per2

Test Step 2.83 (Repeat Count = 1)				✓
Name	Input Value			
CustBattDiag_LOIClr_ms_M_u32p0	2847684352			
CustBattDiag_LOISet_ms_M_u32p0	3887575296			
CustBattDiag_LVCClr_ms_M_u32p0	3575760640			
CustBattDiag_LVCSet_ms_M_u32p0	3021717760			
CustBattDiag_LVHSCClr_ms_M_u32p0	2494708480			
CustBattDiag_LVHSCSet_ms_M_u32p0	3836105984			
CustBattDiag_LVHSCClr_ms_M_u32p0	2847684352			
CustBattDiag_LVHSCSet_ms_M_u32p0	3887575296			
CustBattDiag_LVLSCClr_ms_M_u32p0	3484581632			
CustBattDiag_LVLSCSet_ms_M_u32p0	2142845184			
CustBattDiag_LVLSCLR_ms_M_u32p0	2496426752			
CustBattDiag_LVLSSet_ms_M_u32p0	1984515328			
CustBattDiag_LVSMClr_ms_M_u32p0	520160000			
CustBattDiag_LVSMSet_ms_M_u32p0	802446592			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2			
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2			
k_CustBattDiagLOIspd_kph_f32	463.366241			
k_CustBattDiaghispd_kph_f32	350.789673			
k_CustBattDiaglospd_kph_f32	143.820847			
k_LOIDetect_ms_u16p0	42985			
k_LOINotDetect_ms_u16p0	53992			
k_LVCDetect_Volts_u10p6	576			
k_LVCDetect_ms_u16p0	33993			
k_LVCNotDetect_Volts_u10p6	768			
k_LVCNotDetect_ms_u16p0	2437			
k_LVHSCDetect_Volts_u10p6	320			
k_LVHSCDetect_ms_u16p0	46847			
k_LVHSCNotDetect_Volts_u10p6	768			
k_LVHSCNotDetect_ms_u16p0	57130			
k_LVHSDetect_Volts_u10p6	576			
k_LVHSDetect_ms_u16p0	48771			
k_LVHSNotDetect_Volts_u10p6	768			
k_LVHSNotDetect_ms_u16p0	30443			
k_LVLSCDetect_Volts_u10p6	576			
k_LVLSCDetect_ms_u16p0	14323			
k_LVLSCNotDetect_Volts_u10p6	768			
k_LVLSCNotDetect_ms_u16p0	22232			
k_LVLSDetect_Volts_u10p6	576			
k_LVLSDetect_ms_u16p0	41251			
k_LVLSNotDetect_Volts_u10p6	768			
k_LVLSNotDetect_ms_u16p0	33625			
k_LVSMDetect_Volts_u10p6	576			
k_LVSMDetect_ms_u16p0	21380			
k_LVSMNotDetect_Volts_u10p6	768			
k_LVSMNotDetect_ms_u16p0	0			
target_CustBattDiag_Per2_Batt_Volt_f32.value	18.4207077			
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1			
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	5			
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	72.0177994			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	18589			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	572452608			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	572452608	572452608		✓
CustBattDiag_LOISet_ms_M_u32p0	572452608	572452608		✓
CustBattDiag_LVCClr_ms_M_u32p0	3575760640	3575760640		✓
CustBattDiag_LVCSet_ms_M_u32p0	572452608	572452608		✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2494708480	2494708480		✓

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSCSet_ms_M_u32p0	572452608	572452608	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2847684352	2847684352	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3887575296	3887575296	✓
CustBattDiag_LVLSCCclr_ms_M_u32p0	3484581632	3484581632	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	572452608	572452608	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2496426752	2496426752	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1984515328	1984515328	✓
CustBattDiag_LVSMClr_ms_M_u32p0	520160000	520160000	✓
CustBattDiag_LVSMSet_ms_M_u32p0	802446592	802446592	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.84 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	537271808
CustBattDiag_LOISet_ms_M_u32p0	3296440320
CustBattDiag_LVCClr_ms_M_u32p0	3893718528
CustBattDiag_LVCSet_ms_M_u32p0	3280961536
CustBattDiag_LVHSCCclr_ms_M_u32p0	2889093632
CustBattDiag_LVHSCSet_ms_M_u32p0	1161806848
CustBattDiag_LVHSClr_ms_M_u32p0	537271808
CustBattDiag_LVHSCSet_ms_M_u32p0	3296440320
CustBattDiag_LVLSCCclr_ms_M_u32p0	1094927872
CustBattDiag_LVLSCSet_ms_M_u32p0	3432454144
CustBattDiag_LVLSClr_ms_M_u32p0	4207241728
CustBattDiag_LVLSSet_ms_M_u32p0	4063681536
CustBattDiag_LVSMClr_ms_M_u32p0	2724706816
CustBattDiag_LVSMSet_ms_M_u32p0	2245372928
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	5.45576429
k_CustBattDiaghispd_kph_f32	338.4888
k_CustBattDiaglospd_kph_f32	384.336792
k_LOIDetect_ms_u16p0	25862
k_LOINotDetect_ms_u16p0	57504
k_LVCDetect_Volts_u10p6	256
k_LVCDetect_ms_u16p0	42470
k_LVCNotDetect_Volts_u10p6	448
k_LVCNotDetect_ms_u16p0	18505
k_LVHSCDetect_Volts_u10p6	576
k_LVHSCDetect_ms_u16p0	37636
k_LVHSCNotDetect_Volts_u10p6	448
k_LVHSCNotDetect_ms_u16p0	9500
k_LVHSDetect_Volts_u10p6	256
k_LVHSDetect_ms_u16p0	6295
k_LVHSNotDetect_Volts_u10p6	448

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Name	Input Value
k_LVHSNotDetect_ms_u16p0	56568
k_LVLSCDetect_Volts_u10p6	256
k_LVLSCDetect_ms_u16p0	37784
k_LVLSCNotDetect_Volts_u10p6	448
k_LVLSCNotDetect_ms_u16p0	62464
k_LVLSDetect_Volts_u10p6	256
k_LVLSDetect_ms_u16p0	552
k_LVLSSNotDetect_Volts_u10p6	448
k_LVLSSNotDetect_ms_u16p0	19358
k_LVSMDetect_Volts_u10p6	256
k_LVSMDetect_ms_u16p0	39205
k_LVSMNotDetect_Volts_u10p6	448
k_LVSMNotDetect_ms_u16p0	65535
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.6882362
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	127.826019
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	57626
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3351115264
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3351115264	3351115264	✓
CustBattDiag_LOISet_ms_M_u32p0	3351115264	3351115264	✓
CustBattDiag_LVCClr_ms_M_u32p0	3893718528	3893718528	✓
CustBattDiag_LVCSet_ms_M_u32p0	3280961536	3280961536	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2889093632	2889093632	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3351115264	3351115264	✓
CustBattDiag_LVHSClr_ms_M_u32p0	537271808	537271808	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3296440320	3296440320	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1094927872	1094927872	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3351115264	3351115264	✓
CustBattDiag_LVLSClr_ms_M_u32p0	4207241728	4207241728	✓
CustBattDiag_LVLSSet_ms_M_u32p0	4063681536	4063681536	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2724706816	2724706816	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2245372928	2245372928	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

## Test Step 2.85 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2844027136
CustBattDiag_LOISet_ms_M_u32p0	1089188608
CustBattDiag_LVCClr_ms_M_u32p0	1922464000



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Name	Input Value		
CustBattDiag_LVCSet_ms_M_u32p0	384844544		
CustBattDiag_LVHSCClr_ms_M_u32p0	1573555456		
CustBattDiag_LVHSCSet_ms_M_u32p0	2549053184		
CustBattDiag_LVHSClr_ms_M_u32p0	2844027136		
CustBattDiag_LVHSSet_ms_M_u32p0	1089188608		
CustBattDiag_LVLSCClr_ms_M_u32p0	208466176		
CustBattDiag_LVLSCSet_ms_M_u32p0	943291136		
CustBattDiag_LVLSClr_ms_M_u32p0	91653376		
CustBattDiag_LVLSSet_ms_M_u32p0	3949604608		
CustBattDiag_LVSMClr_ms_M_u32p0	1003459840		
CustBattDiag_LVSMSet_ms_M_u32p0	4023238400		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOlspd_kph_f32	480.654388		
k_CustBattDiaghispd_kph_f32	329.270233		
k_CustBattDiaglospd_kph_f32	442.026733		
k_LOIDetect_ms_u16p0	15339		
k_LOINotDetect_ms_u16p0	13141		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	62154		
k_LVCNotDetect_Volts_u10p6	320		
k_LVCNotDetect_ms_u16p0	55769		
k_LVHSCDetect_Volts_u10p6	832		
k_LVHSCDetect_ms_u16p0	41008		
k_LVHSCNotDetect_Volts_u10p6	320		
k_LVHSCNotDetect_ms_u16p0	10785		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	47896		
k_LVHSNotDetect_Volts_u10p6	320		
k_LVHSNotDetect_ms_u16p0	1324		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	54309		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0	56229		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	2581		
k_LVLSNotDetect_Volts_u10p6	320		
k_LVLSNotDetect_ms_u16p0	48492		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	47806		
k_LVSMNotDetect_Volts_u10p6	320		
k_LVSMNotDetect_ms_u16p0	2850		
target_CustBattDiag_Per2_Batt_Volt_f32.value	25.7189617		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	62.3187752		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	27933		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4290568448		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4290568448	4290568448	✔
CustBattDiag_LOISet_ms_M_u32p0	4290568448	4290568448	✔
CustBattDiag_LVCClr_ms_M_u32p0	1922464000	1922464000	✔
CustBattDiag_LVCSet_ms_M_u32p0	384844544	384844544	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1573555456	1573555456	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2549053184	2549053184	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2844027136	2844027136	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1089188608	1089188608	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	208466176	208466176	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	943291136	943291136	✔
CustBattDiag_LVLSClr_ms_M_u32p0	91653376	91653376	✔
CustBattDiag_LVLSSet ms M_u32p0	3949604608	3949604608	✔



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Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMClr_ms_M_u32p0	1003459840	1003459840	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4023238400	4023238400	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.86 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3086321664
CustBattDiag_LOISet_ms_M_u32p0	2204609024
CustBattDiag_LVCClr_ms_M_u32p0	4177483776
CustBattDiag_LVCSet_ms_M_u32p0	2275015168
CustBattDiag_LVHSCClr_ms_M_u32p0	3501399040
CustBattDiag_LVHSCSet_ms_M_u32p0	845962752
CustBattDiag_LVHSCClr_ms_M_u32p0	3086321664
CustBattDiag_LVHSCSet_ms_M_u32p0	2204609024
CustBattDiag_LVLSCClr_ms_M_u32p0	3143364608
CustBattDiag_LVLSCSet_ms_M_u32p0	4003353088
CustBattDiag_LVLSCClr_ms_M_u32p0	2676962304
CustBattDiag_LVLSSet_ms_M_u32p0	2833004032
CustBattDiag_LVSMClr_ms_M_u32p0	1959003136
CustBattDiag_LVSMSet_ms_M_u32p0	1576109568
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	436.09436
k_CustBattDiaghispd_kph_f32	463.226898
k_CustBattDiaglospd_kph_f32	207.681198
k_LOIDetect_ms_u16p0	31879
k_LOINotDetect_ms_u16p0	14243
k_LVCDetect_Volts_u10p6	1856
k_LVCDetect_ms_u16p0	60266
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	43927
k_LVHSCDetect_Volts_u10p6	1664
k_LVHSCDetect_ms_u16p0	34042
k_LVHSCNotDetect_Volts_u10p6	0
k_LVHSCNotDetect_ms_u16p0	1663
k_LVHSDetect_Volts_u10p6	1856
k_LVHSDetect_ms_u16p0	0
k_LVHSNotDetect_Volts_u10p6	0
k_LVHSNotDetect_ms_u16p0	60797
k_LVLSCDetect_Volts_u10p6	1856
k_LVLSCDetect_ms_u16p0	2059
k_LVLSCNotDetect_Volts_u10p6	0
k_LVLSCNotDetect_ms_u16p0	22369
k_LVLSDetect_Volts_u10p6	1856
k_LVLSDetect_ms_u16p0	24922
k_LVLSNotDetect_Volts_u10p6	0
k_LVLSNotDetect_ms_u16p0	30764
k_LVSMDetect_Volts_u10p6	1856
k_LVSMDetect_ms_u16p0	28286
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	35524
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.4393444
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	177.525742
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	47265
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1294737408
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1294737408	1294737408	✓
CustBattDiag_LOISet_ms_M_u32p0	1294737408	1294737408	✓
CustBattDiag_LVCClr_ms_M_u32p0	4177483776	4177483776	✓
CustBattDiag_LVCSet_ms_M_u32p0	2275015168	2275015168	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3501399040	3501399040	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	845962752	845962752	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3086321664	3086321664	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2204609024	2204609024	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3143364608	3143364608	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4003353088	4003353088	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2676962304	2676962304	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2833004032	2833004032	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1959003136	1959003136	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1576109568	1576109568	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.87 (Repeat Count = 1)			✔
Name	Input Value		
CustBattDiag_LOIClr_ms_M_u32p0	1004415744		
CustBattDiag_LOISet_ms_M_u32p0	3297756416		
CustBattDiag_LVCClr_ms_M_u32p0	2751511296		
CustBattDiag_LVCSet_ms_M_u32p0	624481536		
CustBattDiag_LVHSCClr_ms_M_u32p0	2432003840		
CustBattDiag_LVHSCSet_ms_M_u32p0	3679561984		
CustBattDiag_LVHSClr_ms_M_u32p0	1004415744		
CustBattDiag_LVHSSet_ms_M_u32p0	3297756416		
CustBattDiag_LVLSCClr_ms_M_u32p0	759886592		
CustBattDiag_LVLSCSet_ms_M_u32p0	260820224		
CustBattDiag_LVLSClr_ms_M_u32p0	1388390144		
CustBattDiag_LVLSSet_ms_M_u32p0	2774671616		
CustBattDiag_LVSMClr_ms_M_u32p0	1784854272		
CustBattDiag_LVSMSet_ms_M_u32p0	1063399680		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	370.354462		
k_CustBattDiaghispd_kph_f32	351.641541		
k_CustBattDiaglospd_kph_f32	421.23233		
k_LOIDetect_ms_u16p0	39632		
k_LOINotDetect_ms_u16p0	58741		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	37797		
k_LVCNotDetect_Volts_u10p6	1664		
k_LVCNotDetect_ms_u16p0	21272		
k_LVHSCDetect_Volts_u10p6	1856		
k_LVHSCDetect_ms_u16p0	57782		
k_LVHSCNotDetect_Volts_u10p6	1664		
k_LVHSCNotDetect_ms_u16p0	24351		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1664		
k_LVHSNotDetect_ms_u16p0	49607		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	48051		
k_LVLSCNotDetect_Volts_u10p6	1664		
k_LVLSCNotDetect_ms_u16p0	64552		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	15974		

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CustBattDiag\_Per2

Name	Input Value
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	51048
k_LVSMDetect_Volts_u10p6	192
k_LVSMDetect_ms_u16p0	14745
k_LVSMNotDetect_Volts_u10p6	1664
k_LVSMNotDetect_ms_u16p0	12608
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.90301609
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	428.536621
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	14195
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	882533120
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	882533120	882533120	✓
CustBattDiag_LOISet_ms_M_u32p0	882533120	882533120	✓
CustBattDiag_LVCClr_ms_M_u32p0	2751511296	2751511296	✓
CustBattDiag_LVCSet_ms_M_u32p0	624481536	624481536	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2432003840	2432003840	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3679561984	3679561984	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1004415744	1004415744	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3297756416	3297756416	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	759886592	759886592	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	260820224	260820224	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1388390144	1388390144	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2774671616	2774671616	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1784854272	1784854272	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1063399680	1063399680	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 2.88 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2456830464
CustBattDiag_LOISet_ms_M_u32p0	1464038400
CustBattDiag_LVCClr_ms_M_u32p0	3628634624
CustBattDiag_LVCSet_ms_M_u32p0	3985130496
CustBattDiag_LVHSCClr_ms_M_u32p0	4114249216
CustBattDiag_LVHSCSet_ms_M_u32p0	3884828672
CustBattDiag_LVHSClr_ms_M_u32p0	2456830464
CustBattDiag_LVHSSet_ms_M_u32p0	1464038400
CustBattDiag_LVLSCClr_ms_M_u32p0	1263135232
CustBattDiag_LVLSCSet_ms_M_u32p0	1349475328
CustBattDiag_LVLSClr_ms_M_u32p0	2763476480
CustBattDiag_LVLSSet_ms_M_u32p0	2168217600
CustBattDiag_LVSMClr_ms_M_u32p0	2551356928
CustBattDiag_LVSMSet_ms_M_u32p0	2273062912
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOlspd_kph_f32	107.771545
k_CustBattDiaghispd_kph_f32	39.9812546
k_CustBattDiaglospd_kph_f32	190.972672
k_LOIDetect_ms_u16p0	4002
k_LOINotDetect_ms_u16p0	39883
k_LVCDetect_Volts_u10p6	1472

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Name	Input Value
k_LVCDetect_ms_u16p0	21664
k_LVCNotDetect_Volts_u10p6	1664
k_LVCNotDetect_ms_u16p0	63074
k_LVHSCDetect_Volts_u10p6	1280
k_LVHSCDetect_ms_u16p0	6702
k_LVHSCNotDetect_Volts_u10p6	1664
k_LVHSCNotDetect_ms_u16p0	31756
k_LVHSDetect_Volts_u10p6	1472
k_LVHSDetect_ms_u16p0	17676
k_LVHSNotDetect_Volts_u10p6	1664
k_LVHSNotDetect_ms_u16p0	36148
k_LVLSCDetect_Volts_u10p6	1472
k_LVLSCDetect_ms_u16p0	8871
k_LVLSCNotDetect_Volts_u10p6	1664
k_LVLSCNotDetect_ms_u16p0	46559
k_LVLSDetect_Volts_u10p6	1472
k_LVLSDetect_ms_u16p0	28336
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	19265
k_LVSMDetect_Volts_u10p6	1472
k_LVSMDetect_ms_u16p0	38197
k_LVSMNotDetect_Volts_u10p6	1664
k_LVSMNotDetect_ms_u16p0	43225
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.45004845
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	418.546173
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1767
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4279998976
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2456830464	2456830464	✓
CustBattDiag_LOISet_ms_M_u32p0	1464038400	1464038400	✓
CustBattDiag_LVCClr_ms_M_u32p0	3628634624	3628634624	✓
CustBattDiag_LVCSet_ms_M_u32p0	3985130496	3985130496	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4279998976	4279998976	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3884828672	3884828672	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2456830464	2456830464	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1464038400	1464038400	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4279998976	4279998976	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4279998976	4279998976	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2763476480	2763476480	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2168217600	2168217600	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2551356928	2551356928	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2273062912	2273062912	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.89 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	399899904
CustBattDiag_LOISet_ms_M_u32p0	1285842688

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Name	Input Value		
CustBattDiag_LVCClr_ms_M_u32p0	3415018752		
CustBattDiag_LVCSet_ms_M_u32p0	1628829440		
CustBattDiag_LVHSCClr_ms_M_u32p0	155672832		
CustBattDiag_LVHSCSet_ms_M_u32p0	1578461952		
CustBattDiag_LVHSClr_ms_M_u32p0	399899904		
CustBattDiag_LVHSSet_ms_M_u32p0	1285842688		
CustBattDiag_LVLSCClr_ms_M_u32p0	3320382720		
CustBattDiag_LVLSCSet_ms_M_u32p0	1388359424		
CustBattDiag_LVLSClr_ms_M_u32p0	2620446976		
CustBattDiag_LVLSSet_ms_M_u32p0	694788864		
CustBattDiag_LVSMClr_ms_M_u32p0	324987136		
CustBattDiag_LVSMSet_ms_M_u32p0	2582262528		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOlspd_kph_f32	319.115509		
k_CustBattDiaghispd_kph_f32	188.89859		
k_CustBattDiaglospd_kph_f32	259.757965		
k_LOIDetect_ms_u16p0	61990		
k_LOINotDetect_ms_u16p0	26981		
k_LVCDetect_Volts_u10p6	1024		
k_LVCDetect_ms_u16p0	38059		
k_LVCNotDetect_Volts_u10p6	256		
k_LVCNotDetect_ms_u16p0	28447		
k_LVHSCDetect_Volts_u10p6	1728		
k_LVHSCDetect_ms_u16p0	13508		
k_LVHSCNotDetect_Volts_u10p6	256		
k_LVHSCNotDetect_ms_u16p0	57570		
k_LVHSDetect_Volts_u10p6	1024		
k_LVHSDetect_ms_u16p0	61163		
k_LVHSNotDetect_Volts_u10p6	256		
k_LVHSNotDetect_ms_u16p0	0		
k_LVLSCDetect_Volts_u10p6	1024		
k_LVLSCDetect_ms_u16p0	6151		
k_LVLSCNotDetect_Volts_u10p6	256		
k_LVLSCNotDetect_ms_u16p0	49303		
k_LVLSDetect_Volts_u10p6	1024		
k_LVLSDetect_ms_u16p0	14222		
k_LVLSNotDetect_Volts_u10p6	256		
k_LVLSNotDetect_ms_u16p0	39696		
k_LVSMDetect_Volts_u10p6	1024		
k_LVSMDetect_ms_u16p0	64414		
k_LVSMNotDetect_Volts_u10p6	256		
k_LVSMNotDetect_ms_u16p0	12523		
target_CustBattDiag_Per2_Batt_Volt_f32.value	8.55730247		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	367.578491		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	25798		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1295250688		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1295250688	1295250688	✔
CustBattDiag_LOISet_ms_M_u32p0	1295250688	1295250688	✔
CustBattDiag_LVCClr_ms_M_u32p0	3415018752	3415018752	✔
CustBattDiag_LVCSet_ms_M_u32p0	1295250688	1295250688	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	155672832	155672832	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1295250688	1295250688	✔
CustBattDiag_LVHSClr_ms_M_u32p0	399899904	399899904	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1285842688	1285842688	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3320382720	3320382720	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1295250688	1295250688	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2620446976	2620446976	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSSet_ms_M_u32p0	694788864	694788864	✓
CustBattDiag_LVSMClr_ms_M_u32p0	324987136	324987136	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2582262528	2582262528	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

## Test Step 2.90 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1548798976
CustBattDiag_LOISet_ms_M_u32p0	1410174464
CustBattDiag_LVCClr_ms_M_u32p0	2976619520
CustBattDiag_LVCCSet_ms_M_u32p0	2432228864
CustBattDiag_LVHSCClr_ms_M_u32p0	2056036352
CustBattDiag_LVHSCSet_ms_M_u32p0	415924736
CustBattDiag_LVHSClr_ms_M_u32p0	1548798976
CustBattDiag_LVHSCSet_ms_M_u32p0	1410174464
CustBattDiag_LVLSCClr_ms_M_u32p0	1211610112
CustBattDiag_LVLSCSet_ms_M_u32p0	3973625344
CustBattDiag_LVLSClr_ms_M_u32p0	1571829760
CustBattDiag_LVLSSet_ms_M_u32p0	1840110080
CustBattDiag_LVSMClr_ms_M_u32p0	73795584
CustBattDiag_LVSMSet_ms_M_u32p0	2456562176
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	99.7356796
k_CustBattDiaghispd_kph_f32	16.2747059
k_CustBattDiaglospd_kph_f32	91.8207092
k_LOIDetect_ms_u16p0	30629
k_LOINotDetect_ms_u16p0	40642
k_LVCDetect_Volts_u10p6	1536
k_LVCDetect_ms_u16p0	15255
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	19733
k_LVHSCDetect_Volts_u10p6	896
k_LVHSCDetect_ms_u16p0	35086
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	61324
k_LVHSDetect_Volts_u10p6	1536
k_LVHSDetect_ms_u16p0	61880
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	65535
k_LVLSCDetect_Volts_u10p6	1536
k_LVLSCDetect_ms_u16p0	43314
k_LVLSCNotDetect_Volts_u10p6	256
k_LVLSCNotDetect_ms_u16p0	26844
k_LVLSDetect_Volts_u10p6	1536
k_LVLSDetect_ms_u16p0	49086
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	35215
k_LVSMDetect_Volts_u10p6	1536
k_LVSMDetect_ms_u16p0	19631
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	15392
target_CustBattDiag_Per2_Batt_Volt_f32.value	16.3029842

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	474.736084		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	16 _GET_signal		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	54902		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3390497792		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3390497792	3390497792	✔
CustBattDiag_LOISet_ms_M_u32p0	3390497792	3390497792	✔
CustBattDiag_LVCClr_ms_M_u32p0	2976619520	2976619520	✔
CustBattDiag_LVCSet_ms_M_u32p0	2432228864	2432228864	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2056036352	2056036352	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	415924736	415924736	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1548798976	1548798976	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3390497792	3390497792	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1211610112	1211610112	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3973625344	3973625344	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1571829760	1571829760	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3390497792	3390497792	✔
CustBattDiag_LVSMClr_ms_M_u32p0	73795584	73795584	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2456562176	2456562176	✔
NTC_Cnt_T_enum	0xE2	0xE2	✔
Param_Cnt_T_u08	0x00		



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CustBattDiag\_Per2

Name	Input Value
k_LOIDetect_ms_u16p0	36868
k_LOINotDetect_ms_u16p0	54309
k_LVCDetect_Volts_u10p6	1728
k_LVCDetect_ms_u16p0	16816
k_LVCNotDetect_Volts_u10p6	1216
k_LVCNotDetect_ms_u16p0	35502
k_LVHSCDetect_Volts_u10p6	1280
k_LVHSCDetect_ms_u16p0	53260
k_LVHSCNotDetect_Volts_u10p6	1216
k_LVHSCNotDetect_ms_u16p0	48137
k_LVHSDetect_Volts_u10p6	1728
k_LVHSDetect_ms_u16p0	20654
k_LVHSNotDetect_Volts_u10p6	1216
k_LVHSNotDetect_ms_u16p0	16073
k_LVLSCDetect_Volts_u10p6	1728
k_LVLSCDetect_ms_u16p0	53710
k_LVLSNotDetect_Volts_u10p6	1216
k_LVLSNotDetect_ms_u16p0	50889
k_LVLSDetect_Volts_u10p6	1728
k_LVLSDetect_ms_u16p0	44747
k_LVLSNotDetect_Volts_u10p6	1216
k_LVLSNotDetect_ms_u16p0	54351
k_LVSMDetect_Volts_u10p6	1728
k_LVSMDetect_ms_u16p0	64665
k_LVSMNotDetect_Volts_u10p6	1216
k_LVSMNotDetect_ms_u16p0	57406
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.92610836
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	130.187088
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3972
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3454670592
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3235667712	3235667712	✓
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	✓
CustBattDiag_LVCClr_ms_M_u32p0	1892413184	1892413184	✓
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	2443979008	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3454670592	3454670592	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104	3183951104	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712	3235667712	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584	3073251584	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3454670592	3454670592	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216	1802281216	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3513654016	3513654016	✓
CustBattDiag_LVLSSet_ms_M_u32p0	444413184	444413184	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3096226560	3096226560	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1233274112	1233274112	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓



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## Test Step 2.92 (Repeat Count = 1)



Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3980764672
CustBattDiag_LOISet_ms_M_u32p0	2444785664
CustBattDiag_LVCClr_ms_M_u32p0	3484874240
CustBattDiag_LVCSet_ms_M_u32p0	1316898816
CustBattDiag_LVHSCClr_ms_M_u32p0	3414170112
CustBattDiag_LVHSCSet_ms_M_u32p0	3212643328
CustBattDiag_LVHSClr_ms_M_u32p0	3980764672
CustBattDiag_LVHSCSet_ms_M_u32p0	2444785664
CustBattDiag_LVLSCClr_ms_M_u32p0	111398400
CustBattDiag_LVLSCSet_ms_M_u32p0	2031935488
CustBattDiag_LVLSClr_ms_M_u32p0	1031827968
CustBattDiag_LVLSCSet_ms_M_u32p0	389751808
CustBattDiag_LVSMClr_ms_M_u32p0	4133798400
CustBattDiag_LVSMSet_ms_M_u32p0	2993419264
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	129.737335
k_CustBattDiaghispd_kph_f32	270.953094
k_CustBattDiaglospd_kph_f32	429.976776
k_LOIDetect_ms_u16p0	48212
k_LOINotDetect_ms_u16p0	41865
k_LVCDetect_Volts_u10p6	1820
k_LVCDetect_ms_u16p0	44752
k_LVCNotDetect_Volts_u10p6	576
k_LVCNotDetect_ms_u16p0	15214
k_LVHSCDetect_Volts_u10p6	192
k_LVHSCDetect_ms_u16p0	40828
k_LVHSCNotDetect_Volts_u10p6	576
k_LVHSCNotDetect_ms_u16p0	23839
k_LVHSDetect_Volts_u10p6	1820
k_LVHSDetect_ms_u16p0	28088
k_LVHSNotDetect_Volts_u10p6	576
k_LVHSNotDetect_ms_u16p0	6012
k_LVLSCDetect_Volts_u10p6	1820
k_LVLSCDetect_ms_u16p0	13223
k_LVLSCNotDetect_Volts_u10p6	576
k_LVLSCNotDetect_ms_u16p0	39118
k_LVLSDetect_Volts_u10p6	1820
k_LVLSDetect_ms_u16p0	0
k_LVLSNotDetect_Volts_u10p6	576
k_LVLSNotDetect_ms_u16p0	41309
k_LVSMDetect_Volts_u10p6	1820
k_LVSMDetect_ms_u16p0	29574
k_LVSMNotDetect_Volts_u10p6	576
k_LVSMNotDetect_ms_u16p0	37552

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	2444785664	2444785664	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	111398400	111398400	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2031935488	2031935488	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1031827968	1031827968	✓
CustBattDiag_LVLSSet_ms_M_u32p0	389751808	389751808	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4133798400	4133798400	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2993419264	2993419264	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.93 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2313539840
CustBattDiag_LOISet_ms_M_u32p0	2790611712
CustBattDiag_LVCClr_ms_M_u32p0	198304000
CustBattDiag_LVCSet_ms_M_u32p0	2336484096
CustBattDiag_LVHSCClr_ms_M_u32p0	436630784
CustBattDiag_LVHSCSet_ms_M_u32p0	2555879168
CustBattDiag_LVHSClr_ms_M_u32p0	2313539840
CustBattDiag_LVHSSet_ms_M_u32p0	2790611712
CustBattDiag_LVLSCClr_ms_M_u32p0	3362478336
CustBattDiag_LVLSCSet_ms_M_u32p0	1674060544
CustBattDiag_LVLSClr_ms_M_u32p0	3546639616
CustBattDiag_LVLSSet_ms_M_u32p0	3346880256
CustBattDiag_LVSMClr_ms_M_u32p0	1576566016
CustBattDiag_LVSMSet_ms_M_u32p0	2099963648
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	232.302353
k_CustBattDiaghispd_kph_f32	233.545807
k_CustBattDiaglospd_kph_f32	377.497864
k_LOIDetect_ms_u16p0	34594
k_LOINotDetect_ms_u16p0	5819
k_LVCDetect_Volts_u10p6	384
k_LVCDetect_ms_u16p0	39213
k_LVCNotDetect_Volts_u10p6	1152
k_LVCNotDetect_ms_u16p0	7307
k_LVHSCDetect_Volts_u10p6	1344
k_LVHSCDetect_ms_u16p0	62440
k_LVHSCNotDetect_Volts_u10p6	1152
k_LVHSCNotDetect_ms_u16p0	38457
k_LVHSDetect_Volts_u10p6	384
k_LVHSDetect_ms_u16p0	6358
k_LVHSNotDetect_Volts_u10p6	1152
k_LVHSNotDetect_ms_u16p0	44481
k_LVLSCDetect_Volts_u10p6	384
k_LVLSCDetect_ms_u16p0	11031
k_LVLSCNotDetect_Volts_u10p6	1152
k_LVLSCNotDetect_ms_u16p0	36699
k_LVLSDetect_Volts_u10p6	384
k_LVLSDetect_ms_u16p0	65535
k_LVLSNotDetect_Volts_u10p6	1152
k_LVLSNotDetect_ms_u16p0	25167
k_LVSMDetect_Volts_u10p6	384
k_LVSMDetect_ms_u16p0	10938
k_LVSMNotDetect_Volts_u10p6	1152
k_LVSMNotDetect_ms_u16p0	52980
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.0673771
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	25.2496891

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	14716		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2451654912		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2451654912	2451654912	✔
CustBattDiag_LOISet_ms_M_u32p0	2451654912	2451654912	✔
CustBattDiag_LVCClr_ms_M_u32p0	198304000	198304000	✔
CustBattDiag_LVCSet_ms_M_u32p0	2336484096	2336484096	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	436630784	436630784	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2555879168	2555879168	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2313539840	2313539840	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2790611712	2790611712	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3362478336	3362478336	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1674060544	1674060544	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3546639616	3546639616	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3346880256	3346880256	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1576566016	1576566016	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2099963648	2099963648	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.94 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3195097088	
CustBattDiag_LOISet_ms_M_u32p0	1808445952	
CustBattDiag_LVCClr_ms_M_u32p0	3169656832	
CustBattDiag_LVCSet_ms_M_u32p0	1799291392	
CustBattDiag_LVHSCClr_ms_M_u32p0	3449775104	
CustBattDiag_LVHSCSet_ms_M_u32p0	1674831360	
CustBattDiag_LVHSClr_ms_M_u32p0	3195097088	
CustBattDiag_LVHSSet_ms_M_u32p0	1808445952	
CustBattDiag_LVLSCClr_ms_M_u32p0	3808475136	
CustBattDiag_LVLSCSet_ms_M_u32p0	1485986304	
CustBattDiag_LVLSClr_ms_M_u32p0	4083317760	
CustBattDiag_LVLSSet_ms_M_u32p0	3007495680	
CustBattDiag_LVSMClr_ms_M_u32p0	870927360	
CustBattDiag_LVSMSet_ms_M_u32p0	4235857408	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		

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CustBattDiag\_Per2

Name	Input Value
k_LVLSCDetect_ms_u16p0	56789
k_LVLSCNotDetect_Volts_u10p6	1152
k_LVLSCNotDetect_ms_u16p0	54752
k_LVLSDetect_Volts_u10p6	1088
k_LVLSDetect_ms_u16p0	19229
k_LVLSCNotDetect_Volts_u10p6	1152
k_LVLSCNotDetect_ms_u16p0	5924
k_LVSMDetect_Volts_u10p6	1088
k_LVSMDetect_ms_u16p0	41258
k_LVSMNotDetect_Volts_u10p6	1152
k_LVSMNotDetect_ms_u16p0	36693
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.4443922
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	231.872162
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56870
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	161409024
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	161409024	161409024	✓
CustBattDiag_LOISet_ms_M_u32p0	161409024	161409024	✓
CustBattDiag_LVCClr_ms_M_u32p0	161409024	161409024	✓
CustBattDiag_LVCCSet_ms_M_u32p0	1799291392	1799291392	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	161409024	161409024	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1674831360	1674831360	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3195097088	3195097088	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1808445952	1808445952	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	161409024	161409024	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1485986304	1485986304	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4083317760	4083317760	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3007495680	3007495680	✓
CustBattDiag_LVSMClr_ms_M_u32p0	870927360	870927360	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4235857408	4235857408	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.95 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2978665216
CustBattDiag_LOISet_ms_M_u32p0	1099345152
CustBattDiag_LVCClr_ms_M_u32p0	693592832
CustBattDiag_LVCSet_ms_M_u32p0	946453760
CustBattDiag_LVHSCClr_ms_M_u32p0	2236651264
CustBattDiag_LVHSCSet_ms_M_u32p0	792400128
CustBattDiag_LVHSCClr_ms_M_u32p0	2978665216
CustBattDiag_LVHSSet_ms_M_u32p0	1099345152
CustBattDiag_LVLSCClr_ms_M_u32p0	595368704
CustBattDiag_LVLSCLSet_ms_M_u32p0	2345645312
CustBattDiag_LVLSCLClr_ms_M_u32p0	2657570560
CustBattDiag_LVLSSet_ms_M_u32p0	709789952
CustBattDiag_LVSMClr_ms_M_u32p0	1007869696
CustBattDiag_LVSMSet_ms_M_u32p0	266901760
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	119.554306
k_CustBattDiaghispd_kph_f32	19.65382
k_CustBattDiaglospd_kph_f32	374.012604
k_LOIDetect_ms_u16p0	29691
k_LOINotDetect_ms_u16p0	32334
k_LVCDetect_Volts_u10p6	576
k_LVCDetect_ms_u16p0	33117
k_LVCNotDetect_Volts_u10p6	192
k_LVCNotDetect_ms_u16p0	9629
k_LVHSCDetect_Volts_u10p6	192
k_LVHSCDetect_ms_u16p0	55156
k_LVHSCNotDetect_Volts_u10p6	192
k_LVHSCNotDetect_ms_u16p0	5691
k_LVHSDetect_Volts_u10p6	576
k_LVHSDetect_ms_u16p0	48400
k_LVHSNotDetect_Volts_u10p6	192
k_LVHSNotDetect_ms_u16p0	24903
k_LVLSCLDetect_Volts_u10p6	576
k_LVLSCLDetect_ms_u16p0	10871
k_LVLSCLNotDetect_Volts_u10p6	192
k_LVLSCLNotDetect_ms_u16p0	13262
k_LVLSDetect_Volts_u10p6	576
k_LVLSDetect_ms_u16p0	24838
k_LVLSNotDetect_Volts_u10p6	192
k_LVLSNotDetect_ms_u16p0	0
k_LVSMDetect_Volts_u10p6	576
k_LVSMDetect_ms_u16p0	39351
k_LVSMNotDetect_Volts_u10p6	192
k_LVSMNotDetect_ms_u16p0	40623

# TEST DETAILS REPORT

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_Batt_Volt_f32.value	8.23699188		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	179.57988		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42755		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	610405120		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	610405120	610405120	✔
CustBattDiag_LOISet_ms_M_u32p0	610405120	610405120	✔
CustBattDiag_LVCClr_ms_M_u32p0	693592832	693592832	✔
CustBattDiag_LVCSet_ms_M_u32p0	946453760	946453760	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2236651264	2236651264	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	792400128	792400128	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2978665216	2978665216	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1099345152	1099345152	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	595368704	595368704	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2345645312	2345645312	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2657570560	2657570560	✔
CustBattDiag_LVLSSet_ms_M_u32p0	709789952	709789952	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1007869696	1007869696	✔
CustBattDiag_LVSMSet_ms_M_u32p0	266901760	266901760	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.96 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	369773056	
CustBattDiag_LOISet_ms_M_u32p0	3187588096	
CustBattDiag_LVCClr_ms_M_u32p0	1424267776	
CustBattDiag_LVCSet_ms_M_u32p0	4187327488	
CustBattDiag_LVHSCClr_ms_M_u32p0	3603496448	
CustBattDiag_LVHSCSet_ms_M_u32p0	3010564096	
CustBattDiag_LVHSCClr_ms_M_u32p0	369773056	
CustBattDiag_LVHSCSet_ms_M_u32p0	3187588096	
CustBattDiag_LVLSCClr_ms_M_u32p0	2706698752	
CustBattDiag_LVLSCSet_ms_M_u32p0	759407616	
CustBattDiag_LVLSCClr_ms_M_u32p0	1818547712	
CustBattDiag_LVLSSet_ms_M_u32p0	2249664512	
CustBattDiag_LVSMClr_ms_M_u32p0	1973560832	
CustBattDiag_LVSMSet_ms_M_u32p0	2441672704	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0	
k_CustBattDiagLOIspd_kph_f32	320.369812	
k_CustBattDiaghispd_kph_f32	113.396095	
k_CustBattDiaglospd_kph_f32	173.571808	
k_LOIDetect_ms_u16p0	30142	
k_LOINotDetect_ms_u16p0	43486	
k_LVCDetect_Volts_u10p6	1024	
k_LVCDetect_ms_u16p0	44313	
k_LVCNotDetect_Volts_u10p6	832	
k_LVCNotDetect_ms_u16p0	1905	
k_LVHSCDetect_Volts_u10p6	1472	
k_LVHSCDetect_ms_u16p0	62100	
k_LVHSCNotDetect_Volts_u10p6	832	

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CustBattDiag\_Per2

Name	Input Value
k_LVHSCNotDetect_ms_u16p0	46937
k_LVHSDetect_Volts_u10p6	1024
k_LVHSDetect_ms_u16p0	39904
k_LVHSNotDetect_Volts_u10p6	832
k_LVHSNotDetect_ms_u16p0	58194
k_LVLSCDetect_Volts_u10p6	1024
k_LVLSCDetect_ms_u16p0	34301
k_LVLSCNotDetect_Volts_u10p6	832
k_LVLSCNotDetect_ms_u16p0	30096
k_LVLSDetect_Volts_u10p6	1024
k_LVLSDetect_ms_u16p0	27246
k_LVLSSNotDetect_Volts_u10p6	832
k_LVLSSNotDetect_ms_u16p0	65535
k_LVSMDetect_Volts_u10p6	1024
k_LVSMDetect_ms_u16p0	3197
k_LVSMNotDetect_Volts_u10p6	832
k_LVSMNotDetect_ms_u16p0	28459
target_CustBattDiag_Per2_Batt_Volt_f32.value	14.9007568
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	140.668808
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	38873
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1080336896
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1080336896	1080336896	✓
CustBattDiag_LOISet_ms_M_u32p0	1080336896	1080336896	✓
CustBattDiag_LVCClr_ms_M_u32p0	1424267776	1424267776	✓
CustBattDiag_LVCSets_ms_M_u32p0	4187327488	4187327488	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3603496448	3603496448	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1080336896	1080336896	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	369773056	369773056	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3187588096	3187588096	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2706698752	2706698752	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1080336896	1080336896	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1818547712	1818547712	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2249664512	2249664512	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1973560832	1973560832	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1080336896	1080336896	✓
NTC_Cnt_T_enum	0xE6	0xE6	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓











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CustBattDiag\_Per2

Test Step 2.97 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		1596450048		
CustBattDiag_LOISet_ms_M_u32p0		4287794944		
CustBattDiag_LVCClr_ms_M_u32p0		2950231296		
CustBattDiag_LVCSet_ms_M_u32p0		3960348416		
CustBattDiag_LVHSCClr_ms_M_u32p0		2830878976		
CustBattDiag_LVHSCSet_ms_M_u32p0		596251392		
CustBattDiag_LVHSClr_ms_M_u32p0		1596450048		
CustBattDiag_LVHSSet_ms_M_u32p0		4287794944		
CustBattDiag_LVLSCClr_ms_M_u32p0		2582113536		
CustBattDiag_LVLSCSet_ms_M_u32p0		1197725440		
CustBattDiag_LVLSClr_ms_M_u32p0		3309846784		
CustBattDiag_LVLSSet_ms_M_u32p0		3757656832		
CustBattDiag_LVSMClr_ms_M_u32p0		47206656		
CustBattDiag_LVSMSet_ms_M_u32p0		2296634112		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		0		
k_CustBattDiagLOlspd_kph_f32		18.227457		
k_CustBattDiaghispd_kph_f32		427.799103		
k_CustBattDiaglospd_kph_f32		19.6407337		
k_LOIDetect_ms_u16p0		27378		
k_LOINotDetect_ms_u16p0		13644		
k_LVCDetect_Volts_u10p6		960		
k_LVCDetect_ms_u16p0		42594		
k_LVCNotDetect_Volts_u10p6		1344		
k_LVCNotDetect_ms_u16p0		8722		
k_LVHSCDetect_Volts_u10p6		1920		
k_LVHSCDetect_ms_u16p0		65201		
k_LVHSCNotDetect_Volts_u10p6		1344		
k_LVHSCNotDetect_ms_u16p0		36122		
k_LVHSDetect_Volts_u10p6		960		
k_LVHSDetect_ms_u16p0		29805		
k_LVHSNotDetect_Volts_u10p6		1344		
k_LVHSNotDetect_ms_u16p0		25038		
k_LVLSCDetect_Volts_u10p6		960		
k_LVLSCDetect_ms_u16p0		24358		
k_LVLSCNotDetect_Volts_u10p6		1344		
k_LVLSCNotDetect_ms_u16p0		52645		
k_LVLSDetect_Volts_u10p6		960		
k_LVLSDetect_ms_u16p0		39282		
k_LVLSNotDetect_Volts_u10p6		1344		
k_LVLSNotDetect_ms_u16p0		27006		
k_LVSMDetect_Volts_u10p6		960		
k_LVSMDetect_ms_u16p0		20199		
k_LVSMNotDetect_Volts_u10p6		1344		
k_LVSMNotDetect_ms_u16p0		12819		
target_CustBattDiag_Per2_Batt_Volt_f32.value		31		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value		0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		6		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value		0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		427.953278		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		37649		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		3615022336		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc		target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc		target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	3615022336	3615022336		
CustBattDiag_LOISet_ms_M_u32p0	3615022336	3615022336		
CustBattDiag_LVCClr_ms_M_u32p0	2950231296	2950231296		
CustBattDiag_LVCSet_ms_M_u32p0	3960348416	3960348416		
CustBattDiag_LVHSCClr_ms_M_u32p0	2830878976	2830878976		
CustBattDiag_LVHSCSet_ms_M_u32p0	596251392	596251392		
CustBattDiag_LVHSClr_ms_M_u32p0	1596450048	1596450048		



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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	4287794944	4287794944	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2582113536	2582113536	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1197725440	1197725440	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3309846784	3309846784	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3757656832	3757656832	✓
CustBattDiag_LVSMClr_ms_M_u32p0	47206656	47206656	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2296634112	2296634112	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.98 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	2415596544	
CustBattDiag_LOISet_ms_M_u32p0	98768384	
CustBattDiag_LVCClr_ms_M_u32p0	1982325760	
CustBattDiag_LVCSet_ms_M_u32p0	1655727616	
CustBattDiag_LVHSCClr_ms_M_u32p0	1338992640	
CustBattDiag_LVHSCSet_ms_M_u32p0	3440151040	
CustBattDiag_LVHSClr_ms_M_u32p0	2415596544	
CustBattDiag_LVHSSet_ms_M_u32p0	98768384	
CustBattDiag_LVLSCClr_ms_M_u32p0	3386571776	
CustBattDiag_LVLSCSet_ms_M_u32p0	3985587712	
CustBattDiag_LVLSClr_ms_M_u32p0	3792306176	
CustBattDiag_LVLSSet_ms_M_u32p0	2057232896	
CustBattDiag_LVSMClr_ms_M_u32p0	498192384	
CustBattDiag_LVSMSet_ms_M_u32p0	505360896	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOIspd_kph_f32	248.179581	
k_CustBattDiaghispd_kph_f32	230.638123	
k_CustBattDiaglospd_kph_f32	406.631897	
k_LOIDetect_ms_u16p0	35812	
k_LOINotDetect_ms_u16p0	55470	
k_LVCDetect_Volts_u10p6	256	
k_LVCDetect_ms_u16p0	13585	
k_LVCNotDetect_Volts_u10p6	256	
k_LVCNotDetect_ms_u16p0	476	
k_LVHSCDetect_Volts_u10p6	1088	
k_LVHSCDetect_ms_u16p0	0	
k_LVHSCNotDetect_Volts_u10p6	256	
k_LVHSCNotDetect_ms_u16p0	20609	
k_LVHSDetect_Volts_u10p6	256	
k_LVHSDetect_ms_u16p0	31697	
k_LVHSNotDetect_Volts_u10p6	256	
k_LVHSNotDetect_ms_u16p0	18568	
k_LVLSCDetect_Volts_u10p6	256	
k_LVLSCDetect_ms_u16p0	118	
k_LVLSCNotDetect_Volts_u10p6	256	
k_LVLSCNotDetect_ms_u16p0	56657	
k_LVLSDetect_Volts_u10p6	256	
k_LVLSDetect_ms_u16p0	6835	
k_LVLSNotDetect_Volts_u10p6	256	
k_LVLSNotDetect_ms_u16p0	5197	
k_LVSMDetect_Volts_u10p6	256	
k_LVSMDetect_ms_u16p0	42869	
k_LVSMNotDetect_Volts_u10p6	256	
k_LVSMNotDetect_ms_u16p0	48199	
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.00681639	
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10	
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	304.883759	

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10294		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3236441088		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2415596544	2415596544	✔
CustBattDiag_LOISet_ms_M_u32p0	98768384	98768384	✔
CustBattDiag_LVCClr_ms_M_u32p0	1982325760	1982325760	✔
CustBattDiag_LVCCSet_ms_M_u32p0	3236441088	3236441088	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1338992640	1338992640	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3236441088	3236441088	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2415596544	2415596544	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	98768384	98768384	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3386571776	3386571776	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3236441088	3236441088	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3792306176	3792306176	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2057232896	2057232896	✔
CustBattDiag_LVSMClr_ms_M_u32p0	498192384	498192384	✔
CustBattDiag_LVSMSet_ms_M_u32p0	505360896	505360896	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.99 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2298316544
CustBattDiag_LOISet_ms_M_u32p0	3251470592
CustBattDiag_LVCClr_ms_M_u32p0	1303844608
CustBattDiag_LVCCSet_ms_M_u32p0	1151701248
CustBattDiag_LVHSCClr_ms_M_u32p0	3016788736
CustBattDiag_LVHSCSet_ms_M_u32p0	320939264
CustBattDiag_LVHSCClr_ms_M_u32p0	2298316544
CustBattDiag_LVHSCSet_ms_M_u32p0	3251470592
CustBattDiag_LVLSCClr_ms_M_u32p0	2633879296
CustBattDiag_LVLSCSet_ms_M_u32p0	1298729216
CustBattDiag_LVLSCClr_ms_M_u32p0	3313550080
CustBattDiag_LVLSSet_ms_M_u32p0	3788119296
CustBattDiag_LVSMClr_ms_M_u32p0	902386432
CustBattDiag_LVSMSet_ms_M_u32p0	478752000
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	401.435455
k_CustBattDiaghispd_kph_f32	219.164429
k_CustBattDiaglospd_kph_f32	335.752106
k_LOIDetect_ms_u16p0	22377

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Name	Input Value		
k_LOINotDetect_ms_u16p0	52612		
k_LVCDetect_Volts_u10p6	576		
k_LVCDetect_ms_u16p0	18785		
k_LVCNotDetect_Volts_u10p6	256		
k_LVCNotDetect_ms_u16p0	33656		
k_LVHSCDetect_Volts_u10p6	1152		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	256		
k_LVHSCNotDetect_ms_u16p0	59465		
k_LVHSDetect_Volts_u10p6	576		
k_LVHSDetect_ms_u16p0	57985		
k_LVHSNotDetect_Volts_u10p6	256		
k_LVHSNotDetect_ms_u16p0	7636		
k_LVLSCDetect_Volts_u10p6	576		
k_LVLSCDetect_ms_u16p0	50722		
k_LVLSCNotDetect_Volts_u10p6	256		
k_LVLSCNotDetect_ms_u16p0	5771		
k_LVLSDetect_Volts_u10p6	576		
k_LVLSDetect_ms_u16p0	39948		
k_LVLSNotDetect_Volts_u10p6	256		
k_LVLSNotDetect_ms_u16p0	17717		
k_LVSMDetect_Volts_u10p6	576		
k_LVSMDetect_ms_u16p0	28263		
k_LVSMNotDetect_Volts_u10p6	256		
k_LVSMNotDetect_ms_u16p0	21737		
target_CustBattDiag_Per2_Batt_Volt_f32.value	15.09342		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	349.428192		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1124		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2828418816		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2828418816	2828418816	✔
CustBattDiag_LOISet_ms_M_u32p0	2828418816	2828418816	✔
CustBattDiag_LVCClr_ms_M_u32p0	1303844608	1303844608	✔
CustBattDiag_LVCSet_ms_M_u32p0	1151701248	1151701248	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3016788736	3016788736	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	320939264	320939264	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2298316544	2298316544	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3251470592	3251470592	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2633879296	2633879296	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1298729216	1298729216	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3313550080	3313550080	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3788119296	3788119296	✔
CustBattDiag_LVSMClr_ms_M_u32p0	902386432	902386432	✔
CustBattDiag_LVSMSet_ms_M_u32p0	478752000	478752000	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.100 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3951177216	
CustBattDiag_LOISet_ms_M_u32p0	2440708096	
CustBattDiag_LVCClr_ms_M_u32p0	932544000	
CustBattDiag_LVCSet_ms_M_u32p0	1026691072	
CustBattDiag_LVHSCClr_ms_M_u32p0	1813586432	
CustBattDiag_LVHSCSet_ms_M_u32p0	3910095872	

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Name	Input Value		
CustBattDiag_LVHSClr_ms_M_u32p0	3951177216		
CustBattDiag_LVHSSet_ms_M_u32p0	2440708096		
CustBattDiag_LVLSCClr_ms_M_u32p0	3936441856		
CustBattDiag_LVLSCSet_ms_M_u32p0	2798102528		
CustBattDiag_LVLSClr_ms_M_u32p0	1575516672		
CustBattDiag_LVLSSet_ms_M_u32p0	1995729920		
CustBattDiag_LVSMClr_ms_M_u32p0	2739849728		
CustBattDiag_LVSMSet_ms_M_u32p0	1459043328		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	458.268616		
k_CustBattDiaghispd_kph_f32	234.892822		
k_CustBattDiaglospd_kph_f32	324.047882		
k_LOIDetect_ms_u16p0	55750		
k_LOINotDetect_ms_u16p0	16910		
k_LVCDetect_Volts_u10p6	1024		
k_LVCDetect_ms_u16p0	15199		
k_LVCNotDetect_Volts_u10p6	960		
k_LVCNotDetect_ms_u16p0	35759		
k_LVHSCDetect_Volts_u10p6	64		
k_LVHSCDetect_ms_u16p0	46151		
k_LVHSCNotDetect_Volts_u10p6	960		
k_LVHSCNotDetect_ms_u16p0	27390		
k_LVHSDetect_Volts_u10p6	1024		
k_LVHSDetect_ms_u16p0	42973		
k_LVHSNotDetect_Volts_u10p6	960		
k_LVHSNotDetect_ms_u16p0	61820		
k_LVLSCDetect_Volts_u10p6	1024		
k_LVLSCDetect_ms_u16p0	59468		
k_LVLSCNotDetect_Volts_u10p6	960		
k_LVLSCNotDetect_ms_u16p0	8745		
k_LVLSDetect_Volts_u10p6	1024		
k_LVLSDetect_ms_u16p0	30894		
k_LVLSNotDetect_Volts_u10p6	960		
k_LVLSNotDetect_ms_u16p0	39753		
k_LVSMDetect_Volts_u10p6	1024		
k_LVSMDetect_ms_u16p0	6076		
k_LVSMNotDetect_Volts_u10p6	960		
k_LVSMNotDetect_ms_u16p0	54605		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.4503689		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	131.724731		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3334		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4120380928		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3951177216	3951177216	✔
CustBattDiag_LOISet_ms_M_u32p0	4120380928	4120380928	✔
CustBattDiag_LVCClr_ms_M_u32p0	932544000	932544000	✔
CustBattDiag_LVCCSet_ms_M_u32p0	1026691072	1026691072	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4120380928	4120380928	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4120380928	4120380928	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3951177216	3951177216	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2440708096	2440708096	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4120380928	4120380928	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2798102528	2798102528	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1575516672	1575516672	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1995729920	1995729920	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2739849728	2739849728	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1459043328	1459043328	✔

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T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.101 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	189806848
CustBattDiag_LOISet_ms_M_u32p0	3358589696
CustBattDiag_LVCClr_ms_M_u32p0	1482049792
CustBattDiag_LVCSet_ms_M_u32p0	675844864
CustBattDiag_LVHSCClr_ms_M_u32p0	3327876352
CustBattDiag_LVHSCSet_ms_M_u32p0	515950336
CustBattDiag_LVHSClr_ms_M_u32p0	189806848
CustBattDiag_LVHSSet_ms_M_u32p0	3358589696
CustBattDiag_LVLSCClr_ms_M_u32p0	3700605184
CustBattDiag_LVLSCSet_ms_M_u32p0	3756509952
CustBattDiag_LVLSCLR_ms_M_u32p0	4232926464
CustBattDiag_LVLSSet_ms_M_u32p0	124878592
CustBattDiag_LVSMCLR_ms_M_u32p0	1767531776
CustBattDiag_LVSMSet_ms_M_u32p0	3064532736
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	373.154297
k_CustBattDiaghispd_kph_f32	83.4732285
k_CustBattDiaglospd_kph_f32	102.378799
k_LOIDetect_ms_u16p0	21482
k_LOINotDetect_ms_u16p0	6987
k_LVCDetect_Volts_u10p6	1856
k_LVCDetect_ms_u16p0	34976
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	64486
k_LVHSCDetect_Volts_u10p6	64
k_LVHSCDetect_ms_u16p0	3186
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	0
k_LVHSDetect_Volts_u10p6	1856
k_LVHSDetect_ms_u16p0	7045
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	44000
k_LVLSCDetect_Volts_u10p6	1856
k_LVLSCDetect_ms_u16p0	55370
k_LVLSCNotDetect_Volts_u10p6	256
k_LVLSCNotDetect_ms_u16p0	2410
k_LVLSDetect_Volts_u10p6	1856
k_LVLSDetect_ms_u16p0	28868
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	3755
k_LVSMDetect_Volts_u10p6	1856
k_LVSMDetect_ms_u16p0	53559
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	42301
target_CustBattDiag_Per2_Batt_Volt_f32.value	24.0917416
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	107.232986
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	52123

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CustBattDiag\_Per2

Name	Input Value
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	846115072
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_lgc	target_CustBattDiag_Per2_StdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	846115072	846115072	✓
CustBattDiag_LOISet_ms_M_u32p0	846115072	846115072	✓
CustBattDiag_LVCClr_ms_M_u32p0	1482049792	1482049792	✓
CustBattDiag_LVCSet_ms_M_u32p0	675844864	675844864	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3327876352	3327876352	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	515950336	515950336	✓
CustBattDiag_LVHSClr_ms_M_u32p0	189806848	189806848	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3358589696	3358589696	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3700605184	3700605184	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3756509952	3756509952	✓
CustBattDiag_LVLSClr_ms_M_u32p0	4232926464	4232926464	✓
CustBattDiag_LVLSSet_ms_M_u32p0	124878592	124878592	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1767531776	1767531776	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3064532736	3064532736	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.102 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1171396608
CustBattDiag_LOISet_ms_M_u32p0	584759808
CustBattDiag_LVCClr_ms_M_u32p0	3405768704
CustBattDiag_LVCSet_ms_M_u32p0	3637578240
CustBattDiag_LVHSCClr_ms_M_u32p0	2655038464
CustBattDiag_LVHSCSet_ms_M_u32p0	1194880512
CustBattDiag_LVHSClr_ms_M_u32p0	1171396608
CustBattDiag_LVHSCSet_ms_M_u32p0	584759808
CustBattDiag_LVLSCClr_ms_M_u32p0	3861544960
CustBattDiag_LVLSCSet_ms_M_u32p0	1423139328
CustBattDiag_LVLSClr_ms_M_u32p0	1514849280
CustBattDiag_LVLSSet_ms_M_u32p0	1443251712
CustBattDiag_LVSMClr_ms_M_u32p0	1533252608
CustBattDiag_LVSMSet_ms_M_u32p0	1520408064
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	83.7791595
k_CustBattDiaghispd_kph_f32	305.372803
k_CustBattDiaglospd_kph_f32	223.168915
k_LOIDetect_ms_u16p0	53708
k_LOINotDetect_ms_u16p0	23297
k_LVCDetect_Volts_u10p6	1664
k_LVCDetect_ms_u16p0	10024
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	32942
k_LVHSCDetect_Volts_u10p6	896
k_LVHSCDetect_ms_u16p0	60787
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	65535
k_LVHSDetect_Volts_u10p6	1664
k_LVHSDetect_ms_u16p0	25947
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	19617
k_LVLSCDetect_Volts_u10p6	1664
k_LVLSCDetect_ms_u16p0	62683
k_LVLSCNotDetect_Volts_u10p6	1984

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CustBattDiag\_Per2

Name	Input Value
k_LVLSCNotDetect_ms_u16p0	42323
k_LVLSDetect_Volts_u10p6	1664
k_LVLSDetect_ms_u16p0	52876
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	50096
k_LVSMDetect_Volts_u10p6	1664
k_LVSMDetect_ms_u16p0	29779
k_LVSMNotDetect_Volts_u10p6	1984
k_LVSMNotDetect_ms_u16p0	45594
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.34346819
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	385.952057
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	63081
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2153164800
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2153164800	2153164800	✓
CustBattDiag_LOISet_ms_M_u32p0	2153164800	2153164800	✓
CustBattDiag_LVCClr_ms_M_u32p0	3405768704	3405768704	✓
CustBattDiag_LVCSet_ms_M_u32p0	3637578240	3637578240	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2655038464	2655038464	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1194880512	1194880512	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1171396608	1171396608	✓
CustBattDiag_LVHSSet_ms_M_u32p0	584759808	584759808	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3861544960	3861544960	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1423139328	1423139328	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1514849280	1514849280	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1443251712	1443251712	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1533252608	1533252608	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1520408064	1520408064	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.103 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	2022210304	
CustBattDiag_LOISet_ms_M_u32p0	1182176512	
CustBattDiag_LVCClr_ms_M_u32p0	2755595008	
CustBattDiag_LVCSet_ms_M_u32p0	2715002112	
CustBattDiag_LVHSCClr_ms_M_u32p0	311213824	
CustBattDiag_LVHSCSet_ms_M_u32p0	2704111872	
CustBattDiag_LVHSClr_ms_M_u32p0	2022210304	
CustBattDiag_LVHSSet_ms_M_u32p0	1182176512	
CustBattDiag_LVLSCClr_ms_M_u32p0	3676259072	
CustBattDiag_LVLSCSet_ms_M_u32p0	3308035328	
CustBattDiag_LVLSClr_ms_M_u32p0	1154381568	
CustBattDiag_LVLSSet_ms_M_u32p0	2586046720	
CustBattDiag_LVSMClr_ms_M_u32p0	1757677312	
CustBattDiag_LVSMSet_ms_M_u32p0	1436025088	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0	
k_CustBattDiagLOIspd_kph_f32	373.746338	
k_CustBattDiagHispd_kph_f32	432.939178	
k_CustBattDiagIospd_kph_f32	307.13736	



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CustBattDiag\_Per2

Name	Input Value
k_LOIDetect_ms_u16p0	49984
k_LOINotDetect_ms_u16p0	59801
k_LVCDetect_Volts_u10p6	1216
k_LVCDetect_ms_u16p0	59566
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	8724
k_LVHSCDetect_Volts_u10p6	1408
k_LVHSCDetect_ms_u16p0	41099
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	37416
k_LVHSDetect_Volts_u10p6	1216
k_LVHSDetect_ms_u16p0	51572
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	43673
k_LVLSCDetect_Volts_u10p6	1216
k_LVLSCDetect_ms_u16p0	2435
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	35988
k_LVLSDetect_Volts_u10p6	1216
k_LVLSDetect_ms_u16p0	4880
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	10013
k_LVSMDetect_Volts_u10p6	1216
k_LVSMDetect_ms_u16p0	19549
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	50559
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	312.750854
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	29275
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	962245376
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	962245376	962245376	✓
CustBattDiag_LOISet_ms_M_u32p0	962245376	962245376	✓
CustBattDiag_LVCClr_ms_M_u32p0	2755595008	2755595008	✓
CustBattDiag_LVCSet_ms_M_u32p0	2715002112	2715002112	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	311213824	311213824	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2704111872	2704111872	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2022210304	2022210304	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1182176512	1182176512	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3676259072	3676259072	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3308035328	3308035328	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1154381568	1154381568	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2586046720	2586046720	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1757677312	1757677312	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1436025088	1436025088	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.104 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	699486720	
CustBattDiag_LOISet_ms_M_u32p0	2966356992	
CustBattDiag_LVCClr_ms_M_u32p0	1959633408	
CustBattDiag_LVCSet_ms_M_u32p0	653775872	
CustBattDiag_LVHSCClr_ms_M_u32p0	2981398016	



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Name	Input Value		
CustBattDiag_LVHSCSet_ms_M_u32p0	2302302208		
CustBattDiag_LVHSClr_ms_M_u32p0	699486720		
CustBattDiag_LVHSSet_ms_M_u32p0	2966356992		
CustBattDiag_LVLSCClr_ms_M_u32p0	3071080960		
CustBattDiag_LVLSCSet_ms_M_u32p0	1993141248		
CustBattDiag_LVLSClr_ms_M_u32p0	1741643264		
CustBattDiag_LVLSSet_ms_M_u32p0	2922835968		
CustBattDiag_LVSMClr_ms_M_u32p0	2251206144		
CustBattDiag_LVSMSet_ms_M_u32p0	538624000		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIsdpd_kph_f32	180.25708		
k_CustBattDiaghispd_kph_f32	459.882294		
k_CustBattDiaglospd_kph_f32	223.153076		
k_LOIDetect_ms_u16p0	7568		
k_LOINotDetect_ms_u16p0	17566		
k_LVCDetect_Volts_u10p6	1600		
k_LVCDetect_ms_u16p0	15558		
k_LVCNotDetect_Volts_u10p6	64		
k_LVCNotDetect_ms_u16p0	40621		
k_LVHSCDetect_Volts_u10p6	832		
k_LVHSCDetect_ms_u16p0	62703		
k_LVHSCNotDetect_Volts_u10p6	64		
k_LVHSCNotDetect_ms_u16p0	44435		
k_LVHSDetect_Volts_u10p6	1600		
k_LVHSDetect_ms_u16p0	18516		
k_LVHSNotDetect_Volts_u10p6	64		
k_LVHSNotDetect_ms_u16p0	49149		
k_LVLSCDetect_Volts_u10p6	1600		
k_LVLSCDetect_ms_u16p0	0		
k_LVLSCNotDetect_Volts_u10p6	64		
k_LVLSCNotDetect_ms_u16p0	38365		
k_LVLSDetect_Volts_u10p6	1600		
k_LVLSDetect_ms_u16p0	39922		
k_LVLNotDetect_Volts_u10p6	64		
k_LVLNotDetect_ms_u16p0	25953		
k_LVSMDetect_Volts_u10p6	1600		
k_LVSMDetect_ms_u16p0	61481		
k_LVSMNotDetect_Volts_u10p6	64		
k_LVSMNotDetect_ms_u16p0	52571		
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.9914646		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	263.42395		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	31088		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	370846208		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	370846208	370846208	✔
CustBattDiag_LOISet_ms_M_u32p0	370846208	370846208	✔
CustBattDiag_LVCClr_ms_M_u32p0	1959633408	1959633408	✔
CustBattDiag_LVCSSet_ms_M_u32p0	653775872	653775872	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2981398016	2981398016	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2302302208	2302302208	✔
CustBattDiag_LVHSClr_ms_M_u32p0	699486720	699486720	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2966356992	2966356992	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3071080960	3071080960	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1993141248	1993141248	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1741643264	1741643264	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2922835968	2922835968	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2251206144	2251206144	✔
CustBattDiag_LVSMSet_ms_M_u32p0	538624000	538624000	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.105 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1783811328
CustBattDiag_LOISet_ms_M_u32p0	2722215680
CustBattDiag_LVCClr_ms_M_u32p0	507370752
CustBattDiag_LVCSet_ms_M_u32p0	2802272000
CustBattDiag_LVHSCClr_ms_M_u32p0	270086400
CustBattDiag_LVHSCSet_ms_M_u32p0	2672802560
CustBattDiag_LVHSCClr_ms_M_u32p0	1783811328
CustBattDiag_LVHSCSet_ms_M_u32p0	2722215680
CustBattDiag_LVLSCClr_ms_M_u32p0	585094400
CustBattDiag_LVLSCSet_ms_M_u32p0	166199040
CustBattDiag_LVLSCClr_ms_M_u32p0	2267588864
CustBattDiag_LVLSSet_ms_M_u32p0	2159670016
CustBattDiag_LVSMClr_ms_M_u32p0	2370484480
CustBattDiag_LVSMSet_ms_M_u32p0	1045332736
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	366.675476
k_CustBattDiaghispd_kph_f32	15.813632
k_CustBattDiaglospd_kph_f32	67.5302277
k_LOIDetect_ms_u16p0	12958
k_LOINotDetect_ms_u16p0	20268
k_LVCDetect_Volts_u10p6	1600
k_LVCDetect_ms_u16p0	9851
k_LVCNotDetect_Volts_u10p6	1792
k_LVCNotDetect_ms_u16p0	13949
k_LVHSCDetect_Volts_u10p6	1856
k_LVHSCDetect_ms_u16p0	24255
k_LVHSCNotDetect_Volts_u10p6	1792
k_LVHSCNotDetect_ms_u16p0	64652
k_LVHSDetect_Volts_u10p6	1600
k_LVHSDetect_ms_u16p0	31280
k_LVHSNotDetect_Volts_u10p6	1792
k_LVHSNotDetect_ms_u16p0	8684
k_LVLSCDetect_Volts_u10p6	1600
k_LVLSCDetect_ms_u16p0	65535
k_LVLSCNotDetect_Volts_u10p6	1792
k_LVLSCNotDetect_ms_u16p0	27869
k_LVLSDetect_Volts_u10p6	1600
k_LVLSDetect_ms_u16p0	44551
k_LVLSNotDetect_Volts_u10p6	1792
k_LVLSNotDetect_ms_u16p0	41200
k_LVSMDetect_Volts_u10p6	1600
k_LVSMDetect_ms_u16p0	12544
k_LVSMNotDetect_Volts_u10p6	1792
k_LVSMNotDetect_ms_u16p0	8101
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.32661152
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	288.383606
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	41837
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2557920512
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

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Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2557920512	2557920512	✓
CustBattDiag_LOISet_ms_M_u32p0	2557920512	2557920512	✓
CustBattDiag_LVCClr_ms_M_u32p0	507370752	507370752	✓
CustBattDiag_LVCSet_ms_M_u32p0	2802272000	2802272000	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	270086400	270086400	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2672802560	2672802560	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1783811328	1783811328	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2722215680	2722215680	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	585094400	585094400	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	166199040	166199040	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2267588864	2267588864	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2159670016	2159670016	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2370484480	2370484480	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1045332736	1045332736	✓

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.106 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	471489536
CustBattDiag_LOISet_ms_M_u32p0	745905664
CustBattDiag_LVCClr_ms_M_u32p0	1083780096
CustBattDiag_LVCSet_ms_M_u32p0	3898928640
CustBattDiag_LVHSCClr_ms_M_u32p0	2975281152
CustBattDiag_LVHSCSet_ms_M_u32p0	3797651968
CustBattDiag_LVHSClr_ms_M_u32p0	471489536
CustBattDiag_LVHSSet_ms_M_u32p0	745905664
CustBattDiag_LVLSCClr_ms_M_u32p0	1351828480
CustBattDiag_LVLSCSet_ms_M_u32p0	1218627072
CustBattDiag_LVLSClr_ms_M_u32p0	575488
CustBattDiag_LVLSSet_ms_M_u32p0	3439127040
CustBattDiag_LVSMClr_ms_M_u32p0	3387070464
CustBattDiag_LVSMSet_ms_M_u32p0	1518287360
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	188.00589
k_CustBattDiaghispd_kph_f32	353.675079
k_CustBattDiaglospd_kph_f32	442.563507
k_LOIDetect_ms_u16p0	30592
k_LOINotDetect_ms_u16p0	19630
k_LVCDetect_Volts_u10p6	896
k_LVCDetect_ms_u16p0	42857
k_LVCNotDetect_Volts_u10p6	1408
k_LVCNotDetect_ms_u16p0	46648
k_LVHSCDetect_Volts_u10p6	0
k_LVHSCDetect_ms_u16p0	56412
k_LVHSCNotDetect_Volts_u10p6	1408
k_LVHSCNotDetect_ms_u16p0	35788
k_LVHSDetect_Volts_u10p6	896
k_LVHSDetect_ms_u16p0	51496
k_LVHSNotDetect_Volts_u10p6	1408
k_LVHSNotDetect_ms_u16p0	34251
k_LVLSCDetect_Volts_u10p6	896
k_LVLSCDetect_ms_u16p0	44496
k_LVLSCNotDetect_Volts_u10p6	1408
k_LVLSCNotDetect_ms_u16p0	32587
k_LVLSDetect_Volts_u10p6	896
k_LVLSDetect_ms_u16p0	24981
k_LVLSNotDetect_Volts_u10p6	1408
k_LVLSNotDetect_ms_u16p0	31536
k_LVSMDetect_Volts_u10p6	896

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Name	Input Value
k_LVSMDetect_ms_u16p0	55752
k_LVSMNotDetect_Volts_u10p6	1408
k_LVSMNotDetect_ms_u16p0	23346
target_CustBattDiag_Per2_Batt_Volt_f32.value	15.814393
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	294.005371
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	22467
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	932082688
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	932082688	932082688	✓
CustBattDiag_LOISet_ms_M_u32p0	932082688	932082688	✓
CustBattDiag_LVCClr_ms_M_u32p0	1083780096	1083780096	✓
CustBattDiag_LVCSet_ms_M_u32p0	3898928640	3898928640	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	932082688	932082688	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	932082688	932082688	✓
CustBattDiag_LVHSClr_ms_M_u32p0	471489536	471489536	✓
CustBattDiag_LVHSSet_ms_M_u32p0	745905664	745905664	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	932082688	932082688	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	932082688	932082688	✓
CustBattDiag_LVLSClr_ms_M_u32p0	575488	575488	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3439127040	3439127040	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3387070464	3387070464	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1518287360	1518287360	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32	1	✓	

Test Step 2.107 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1539288832	
CustBattDiag_LOISet_ms_M_u32p0	2721442048	
CustBattDiag_LVCClr_ms_M_u32p0	763576064	
CustBattDiag_LVCSet_ms_M_u32p0	262666496	
CustBattDiag_LVHSCClr_ms_M_u32p0	1213805312	
CustBattDiag_LVHSCSet_ms_M_u32p0	3109293312	
CustBattDiag_LVHSClr_ms_M_u32p0	1539288832	
CustBattDiag_LVHSSet_ms_M_u32p0	2721442048	
CustBattDiag_LVLSCClr_ms_M_u32p0	603256576	
CustBattDiag_LVLSCSet_ms_M_u32p0	3561910528	
CustBattDiag_LVLSClr_ms_M_u32p0	3232000768	
CustBattDiag_LVLSSet_ms_M_u32p0	3436184832	
CustBattDiag_LVSMClr_ms_M_u32p0	3461806848	
CustBattDiag_LVSMSet_ms_M_u32p0	3515421952	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3	
k_CustBattDiagLOIspd_kph_f32	447.945313	
k_CustBattDiaghispd_kph_f32	367.311859	
k_CustBattDiaglospd_kph_f32	458.656982	
k_LOIDetect_ms_u16p0	19638	
k_LOINotDetect_ms_u16p0	44195	

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Name	Input Value		
k_LVCDetect_Volts_u10p6	384		
k_LVCDetect_ms_u16p0	39546		
k_LVCNotDetect_Volts_u10p6	896		
k_LVCNotDetect_ms_u16p0	4484		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	25186		
k_LVHSCNotDetect_Volts_u10p6	896		
k_LVHSCNotDetect_ms_u16p0	6538		
k_LVHSDetect_Volts_u10p6	384		
k_LVHSDetect_ms_u16p0	24222		
k_LVHSNotDetect_Volts_u10p6	896		
k_LVHSNotDetect_ms_u16p0	27946		
k_LVLSCDetect_Volts_u10p6	384		
k_LVLSCDetect_ms_u16p0	4495		
k_LVLSCNotDetect_Volts_u10p6	896		
k_LVLSCNotDetect_ms_u16p0	0		
k_LVLSDetect_Volts_u10p6	384		
k_LVLSDetect_ms_u16p0	47494		
k_LVLSNotDetect_Volts_u10p6	896		
k_LVLSNotDetect_ms_u16p0	62893		
k_LVSMDetect_Volts_u10p6	384		
k_LVSMDetect_ms_u16p0	52622		
k_LVSMNotDetect_Volts_u10p6	896		
k_LVSMNotDetect_ms_u16p0	49478		
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.93387365		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	388.325531		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	54236		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2546165504		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2546165504	2546165504	✓
CustBattDiag_LOISet_ms_M_u32p0	2546165504	2546165504	✓
CustBattDiag_LVCClr_ms_M_u32p0	2546165504	2546165504	✓
CustBattDiag_LVCSet_ms_M_u32p0	262666496	262666496	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2546165504	2546165504	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3109293312	3109293312	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1539288832	1539288832	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2721442048	2721442048	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2546165504	2546165504	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3561910528	3561910528	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3232000768	3232000768	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3436184832	3436184832	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3461806848	3461806848	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3515421952	3515421952	✓
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.108 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2379986432
CustBattDiag_LOISet_ms_M_u32p0	1944127488
CustBattDiag_LVCClr_ms_M_u32p0	1523648000
CustBattDiag_LVCSet_ms_M_u32p0	1204475904
CustBattDiag_LVHSCClr_ms_M_u32p0	52374016
CustBattDiag_LVHSCSet_ms_M_u32p0	3289816064
CustBattDiag_LVHSClr_ms_M_u32p0	2379986432
CustBattDiag_LVHSSet_ms_M_u32p0	1944127488
CustBattDiag_LVLSCClr_ms_M_u32p0	2220613120
CustBattDiag_LVLSCSet_ms_M_u32p0	3384242176
CustBattDiag_LVLSClr_ms_M_u32p0	3978134016
CustBattDiag_LVLSSet_ms_M_u32p0	2407707648
CustBattDiag_LVSMClr_ms_M_u32p0	2185613824
CustBattDiag_LVSMSet_ms_M_u32p0	2039972864
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	464.272766
k_CustBattDiaghispd_kph_f32	34.1756287
k_CustBattDiaglospd_kph_f32	32.7341576
k_LOIDetect_ms_u16p0	20862
k_LOINotDetect_ms_u16p0	29521
k_LVCDetect_Volts_u10p6	1408
k_LVCDetect_ms_u16p0	53171
k_LVCNotDetect_Volts_u10p6	1920
k_LVCNotDetect_ms_u16p0	24622
k_LVHSCDetect_Volts_u10p6	704
k_LVHSCDetect_ms_u16p0	17339
k_LVHSCNotDetect_Volts_u10p6	1920
k_LVHSCNotDetect_ms_u16p0	44507
k_LVHSDetect_Volts_u10p6	1408
k_LVHSDetect_ms_u16p0	34600
k_LVHSNotDetect_Volts_u10p6	1920
k_LVHSNotDetect_ms_u16p0	28186
k_LVLSCDetect_Volts_u10p6	1408
k_LVLSCDetect_ms_u16p0	15269
k_LVLSCNotDetect_Volts_u10p6	1920
k_LVLSCNotDetect_ms_u16p0	65535
k_LVLSDetect_Volts_u10p6	1408
k_LVLSDetect_ms_u16p0	51680
k_LVLSNotDetect_Volts_u10p6	1920
k_LVLSNotDetect_ms_u16p0	23170
k_LVSMDetect_Volts_u10p6	1408
k_LVSMDetect_ms_u16p0	38888
k_LVSMNotDetect_Volts_u10p6	1920
k_LVSMNotDetect_ms_u16p0	13527
target_CustBattDiag_Per2_Batt_Volt_f32.value	18.6394577
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1

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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	252.746033
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1083
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2930806272
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2930806272	2930806272	✓
CustBattDiag_LOISet_ms_M_u32p0	2930806272	2930806272	✓
CustBattDiag_LVCClr_ms_M_u32p0	1523648000	1523648000	✓
CustBattDiag_LVCSet_ms_M_u32p0	1204475904	1204475904	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	52374016	52374016	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3289816064	3289816064	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2379986432	2379986432	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1944127488	1944127488	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2220613120	2220613120	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3384242176	3384242176	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	3978134016	3978134016	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2407707648	2407707648	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2185613824	2185613824	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2039972864	2039972864	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.109 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1415815424
CustBattDiag_LOISet_ms_M_u32p0	370912000
CustBattDiag_LVCClr_ms_M_u32p0	650359040
CustBattDiag_LVCSet_ms_M_u32p0	1167997696
CustBattDiag_LVHSCClr_ms_M_u32p0	2204714240
CustBattDiag_LVHSCSet_ms_M_u32p0	2764762880
CustBattDiag_LVHSClr_ms_M_u32p0	1415815424
CustBattDiag_LVHSCSet_ms_M_u32p0	370912000
CustBattDiag_LVLSCClr_ms_M_u32p0	58927360
CustBattDiag_LVLSCSet_ms_M_u32p0	3493360384
CustBattDiag_LVLSCLR_ms_M_u32p0	1288584448
CustBattDiag_LVLSSet_ms_M_u32p0	2967906048
CustBattDiag_LVSMClr_ms_M_u32p0	1385516288
CustBattDiag_LVSMSet_ms_M_u32p0	166213376
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	175.040833
k_CustBattDiaghispd_kph_f32	210.949509
k_CustBattDiaglospd_kph_f32	487.61731
k_LOIDetect_ms_u16p0	26082
k_LOINotDetect_ms_u16p0	39843
k_LVCDetect_Volts_u10p6	64
k_LVCDetect_ms_u16p0	46277
k_LVCNotDetect_Volts_u10p6	1920
k_LVCNotDetect_ms_u16p0	33419
k_LVHSCDetect_Volts_u10p6	256
k_LVHSCDetect_ms_u16p0	62829
k_LVHSCNotDetect_Volts_u10p6	1920
k_LVHSCNotDetect_ms_u16p0	26693
k_LVHSDetect_Volts_u10p6	64



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Name	Input Value
k_LVHSDetect_ms_u16p0	708
k_LVHSNotDetect_Volts_u10p6	1920
k_LVHSNotDetect_ms_u16p0	30247
k_LVLSCDetect_Volts_u10p6	64
k_LVLSCDetect_ms_u16p0	48478
k_LVLSCNotDetect_Volts_u10p6	1920
k_LVLSCNotDetect_ms_u16p0	27381
k_LVLSDetect_Volts_u10p6	64
k_LVLSDetect_ms_u16p0	77
k_LVLSNotDetect_Volts_u10p6	1920
k_LVLSNotDetect_ms_u16p0	57120
k_LVSMDetect_Volts_u10p6	64
k_LVSMDetect_ms_u16p0	63446
k_LVSMNotDetect_Volts_u10p6	1920
k_LVSMNotDetect_ms_u16p0	6335
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.8931293
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	313.528931
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13595
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4081391872
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4081391872	4081391872	✓
CustBattDiag_LOISet_ms_M_u32p0	4081391872	4081391872	✓
CustBattDiag_LVCClr_ms_M_u32p0	650359040	650359040	✓
CustBattDiag_LVCSet_ms_M_u32p0	1167997696	1167997696	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2204714240	2204714240	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2764762880	2764762880	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1415815424	1415815424	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	370912000	370912000	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	58927360	58927360	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3493360384	3493360384	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1288584448	1288584448	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2967906048	2967906048	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1385516288	1385516288	✓
CustBattDiag_LVSMSet_ms_M_u32p0	166213376	166213376	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 2.110 (Repeat Count = 1) ✓

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1513611264
CustBattDiag_LOISet_ms_M_u32p0	3652698624
CustBattDiag_LVCClr_ms_M_u32p0	928493568
CustBattDiag_LVCSet_ms_M_u32p0	0
CustBattDiag_LVHSCClr_ms_M_u32p0	1622602752
CustBattDiag_LVHSCSet_ms_M_u32p0	4021941760
CustBattDiag_LVHSClr_ms_M_u32p0	1513611264
CustBattDiag_LVHSCSet_ms_M_u32p0	3652698624
CustBattDiag_LVLSCClr_ms_M_u32p0	351881216
CustBattDiag_LVLSCSet_ms_M_u32p0	4169230848
CustBattDiag_LVLSClr_ms_M_u32p0	3999796224
CustBattDiag_LVLSCSet_ms_M_u32p0	4640256
CustBattDiag_LVSMClr_ms_M_u32p0	2371017728
CustBattDiag_LVSMSet_ms_M_u32p0	2944540160
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime



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CustBattDiag\_Per2

Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	448.922821		
k_CustBattDiaghispd_kph_f32	64.4698486		
k_CustBattDiaglospd_kph_f32	277.06131		
k_LOIDetect_ms_u16p0	45186		
k_LOINotDetect_ms_u16p0	7576		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	26458		
k_LVCNotDetect_Volts_u10p6	768		
k_LVCNotDetect_ms_u16p0	24672		
k_LVHSCDetect_Volts_u10p6	576		
k_LVHSCDetect_ms_u16p0	53027		
k_LVHSCNotDetect_Volts_u10p6	768		
k_LVHSCNotDetect_ms_u16p0	17139		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	41020		
k_LVHSNotDetect_Volts_u10p6	768		
k_LVHSNotDetect_ms_u16p0	44395		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	10303		
k_LVLSCNotDetect_Volts_u10p6	768		
k_LVLSCNotDetect_ms_u16p0	27611		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	5777		
k_LVLSNotDetect_Volts_u10p6	768		
k_LVLSNotDetect_ms_u16p0	42993		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	35608		
k_LVSMNotDetect_Volts_u10p6	768		
k_LVSMNotDetect_ms_u16p0	8500		
target_CustBattDiag_Per2_Batt_Volt_f32.value	16.3333492		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	367.48465		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	19592		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4185094144		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4185094144	4185094144	✔
CustBattDiag_LOISet_ms_M_u32p0	4185094144	4185094144	✔
CustBattDiag_LVCClr_ms_M_u32p0	928493568	928493568	✔
CustBattDiag_LVCSet_ms_M_u32p0	0	0	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1622602752	1622602752	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4021941760	4021941760	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1513611264	1513611264	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3652698624	3652698624	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	351881216	351881216	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4169230848	4169230848	✔
CustBattDiag_LVLSCLr_ms_M_u32p0	3999796224	3999796224	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4640256	4640256	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2371017728	2371017728	✔
CustBattDiag_LVSMSet ms_M_u32p0	2944540160	2944540160	✔









T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

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CustBattDiag\_Per2

Test Step 2.111 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		3967230720		
CustBattDiag_LOISet_ms_M_u32p0		3221191936		
CustBattDiag_LVCClr_ms_M_u32p0		1482142464		
CustBattDiag_LVCSet_ms_M_u32p0		4294967295		
CustBattDiag_LVHSCClr_ms_M_u32p0		1581901568		
CustBattDiag_LVHSCSet_ms_M_u32p0		2009653504		
CustBattDiag_LVHSClr_ms_M_u32p0		3967230720		
CustBattDiag_LVHSSet_ms_M_u32p0		3221191936		
CustBattDiag_LVLSCClr_ms_M_u32p0		3822250752		
CustBattDiag_LVLSCSet_ms_M_u32p0		4232217856		
CustBattDiag_LVLSClr_ms_M_u32p0		2006359808		
CustBattDiag_LVLSSet_ms_M_u32p0		662853888		
CustBattDiag_LVSMClr_ms_M_u32p0		2316709632		
CustBattDiag_LVSMSet_ms_M_u32p0		3943721216		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		2		
k_CustBattDiagLOIspd_kph_f32		222.40567		
k_CustBattDiaghispd_kph_f32		474.570374		
k_CustBattDiaglospd_kph_f32		364.136414		
k_LOIDetect_ms_u16p0		26942		
k_LOINotDetect_ms_u16p0		22261		
k_LVCDetect_Volts_u10p6		1536		
k_LVCDetect_ms_u16p0		23096		
k_LVCNotDetect_Volts_u10p6		1792		
k_LVCNotDetect_ms_u16p0		43036		
k_LVHSCDetect_Volts_u10p6		64		
k_LVHSCDetect_ms_u16p0		42395		
k_LVHSCNotDetect_Volts_u10p6		1792		
k_LVHSCNotDetect_ms_u16p0		17701		
k_LVHSDetect_Volts_u10p6		1536		
k_LVHSDetect_ms_u16p0		50929		
k_LVHSNotDetect_Volts_u10p6		1792		
k_LVHSNotDetect_ms_u16p0		51548		
k_LVLSCDetect_Volts_u10p6		1536		
k_LVLSCDetect_ms_u16p0		18296		
k_LVLSCNotDetect_Volts_u10p6		1792		
k_LVLSCNotDetect_ms_u16p0		37915		
k_LVLSDetect_Volts_u10p6		1536		
k_LVLSDetect_ms_u16p0		55074		
k_LVLSNotDetect_Volts_u10p6		1792		
k_LVLSNotDetect_ms_u16p0		63865		
k_LVSMDetect_Volts_u10p6		1536		
k_LVSMDetect_ms_u16p0		59437		
k_LVSMNotDetect_Volts_u10p6		1792		
k_LVSMNotDetect_ms_u16p0		39761		
target_CustBattDiag_Per2_Batt_Volt_f32.value		22.471489		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value		1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		13		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value		0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		362.391815		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		14364		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		455367424		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc		target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc		target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	455367424	455367424		
CustBattDiag_LOISet_ms_M_u32p0	3221191936	3221191936		
CustBattDiag_LVCClr_ms_M_u32p0	455367424	455367424		
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVHSCClr_ms_M_u32p0	455367424	455367424		
CustBattDiag_LVHSCSet_ms_M_u32p0	455367424	455367424		
CustBattDiag_LVHSClr_ms_M_u32p0	3967230720	3967230720		

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	3221191936	3221191936	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	455367424	455367424	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4232217856	4232217856	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2006359808	2006359808	✓
CustBattDiag_LVLSMSet_ms_M_u32p0	662853888	662853888	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2316709632	2316709632	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3943721216	3943721216	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.112 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	981817856
CustBattDiag_LOISet_ms_M_u32p0	3923004416
CustBattDiag_LVCClr_ms_M_u32p0	3978537472
CustBattDiag_LVCSet_ms_M_u32p0	1932762112
CustBattDiag_LVHSCClr_ms_M_u32p0	2501709312
CustBattDiag_LVHSCSet_ms_M_u32p0	352854016
CustBattDiag_LVHSClr_ms_M_u32p0	981817856
CustBattDiag_LVHSSet_ms_M_u32p0	3923004416
CustBattDiag_LVLSCClr_ms_M_u32p0	1569849856
CustBattDiag_LVLSCSet_ms_M_u32p0	3945477120
CustBattDiag_LVLSClr_ms_M_u32p0	2182538752
CustBattDiag_LVLSSet_ms_M_u32p0	3787175936
CustBattDiag_LVSMClr_ms_M_u32p0	2094544384
CustBattDiag_LVSMSet_ms_M_u32p0	592545792
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	110.50808
k_CustBattDiaghispd_kph_f32	69.7216034
k_CustBattDiaglospd_kph_f32	165.627121
k_LOIDetect_ms_u16p0	58678
k_LOINotDetect_ms_u16p0	23851
k_LVCDetect_Volts_u10p6	1408
k_LVCNotDetect_Volts_u10p6	53704
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	7478
k_LVHSCDetect_Volts_u10p6	256
k_LVHSCDetect_ms_u16p0	26464
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	30682
k_LVHSDetect_Volts_u10p6	1408
k_LVHSDetect_ms_u16p0	50557
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	8277
k_LVLSCDetect_Volts_u10p6	1408
k_LVLSCDetect_ms_u16p0	14903
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	60904
k_LVLSDetect_Volts_u10p6	1408

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Name	Input Value		
k_LVLSDetect_ms_u16p0	64347		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	61677		
k_LVSMDetect_Volts_u10p6	1408		
k_LVSMDetect_ms_u16p0	64603		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	25223		
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.493166		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	388.28479		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	20428		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	157135360		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	157135360	157135360	✓
CustBattDiag_LOISet_ms_M_u32p0	157135360	157135360	✓
CustBattDiag_LVCClr_ms_M_u32p0	3978537472	3978537472	✓
CustBattDiag_LVCSet_ms_M_u32p0	1932762112	1932762112	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2501709312	2501709312	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	352854016	352854016	✓
CustBattDiag_LVHSClr_ms_M_u32p0	981817856	981817856	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3923004416	3923004416	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1569849856	1569849856	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3945477120	3945477120	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2182538752	2182538752	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3787175936	3787175936	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2094544384	2094544384	✓
CustBattDiag_LVSMSet_ms_M_u32p0	592545792	592545792	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.113 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1911993600
CustBattDiag_LOISet_ms_M_u32p0	2253512448
CustBattDiag_LVCClr_ms_M_u32p0	0
CustBattDiag_LVCSet_ms_M_u32p0	1268870912
CustBattDiag_LVHSCClr_ms_M_u32p0	2449447168
CustBattDiag_LVHSCSet_ms_M_u32p0	1292264192
CustBattDiag_LVHSClr_ms_M_u32p0	1911993600
CustBattDiag_LVHSCSet_ms_M_u32p0	2253512448
CustBattDiag_LVLSCClr_ms_M_u32p0	1836104960
CustBattDiag_LVLSCCSet_ms_M_u32p0	3756861184
CustBattDiag_LVLSCLr_ms_M_u32p0	2691830016
CustBattDiag_LVLSSet_ms_M_u32p0	3544947456
CustBattDiag_LVSMClr_ms_M_u32p0	426647808
CustBattDiag_LVSMSet_ms_M_u32p0	1774856960
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	351.735474
k_CustBattDiaghispd_kph_f32	186.596985
k_CustBattDiaglospd_kph_f32	156.194519
k_LOIDetect_ms_u16p0	11979
k_LOINotDetect_ms_u16p0	25508

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CustBattDiag\_Per2

Name	Input Value
k_LVCDetect_Volts_u10p6	704
k_LVCDetect_ms_u16p0	10900
k_LVCNotDetect_Volts_u10p6	1664
k_LVCNotDetect_ms_u16p0	2306
k_LVHSCDetect_Volts_u10p6	1984
k_LVHSCDetect_ms_u16p0	654
k_LVHSCNotDetect_Volts_u10p6	1664
k_LVHSCNotDetect_ms_u16p0	25559
k_LVHSDetect_Volts_u10p6	704
k_LVHSDetect_ms_u16p0	8660
k_LVHSNotDetect_Volts_u10p6	1664
k_LVHSNotDetect_ms_u16p0	19204
k_LVLSCDetect_Volts_u10p6	704
k_LVLSCDetect_ms_u16p0	8374
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	39133
k_LVLSDetect_Volts_u10p6	704
k_LVLSDetect_ms_u16p0	3308
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	30318
k_LVSMDetect_Volts_u10p6	704
k_LVSMDetect_ms_u16p0	60811
k_LVSMNotDetect_Volts_u10p6	1664
k_LVSMNotDetect_ms_u16p0	39999
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	374.950043
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10617
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1959636224
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1959636224	1959636224	✓
CustBattDiag_LOISet_ms_M_u32p0	1959636224	1959636224	✓
CustBattDiag_LVCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVCSet_ms_M_u32p0	1268870912	1268870912	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2449447168	2449447168	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1959636224	1959636224	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1911993600	1911993600	✓
CustBattDiag_LVHSSet_ms_M_u32p0	2253512448	2253512448	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1836104960	1836104960	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1959636224	1959636224	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	2691830016	2691830016	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3544947456	3544947456	✓
CustBattDiag_LVSMClr_ms_M_u32p0	426647808	426647808	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1774856960	1774856960	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.114 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3603866624

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LOISet_ms_M_u32p0	1390749184		
CustBattDiag_LVCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVCSet_ms_M_u32p0	1966503424		
CustBattDiag_LVHSCClr_ms_M_u32p0	658765824		
CustBattDiag_LVHSCSet_ms_M_u32p0	1708628480		
CustBattDiag_LVHSClr_ms_M_u32p0	3603866624		
CustBattDiag_LVHSSet_ms_M_u32p0	1390749184		
CustBattDiag_LVLSCClr_ms_M_u32p0	914394112		
CustBattDiag_LVLSCSet_ms_M_u32p0	2905820672		
CustBattDiag_LVLSCLR_ms_M_u32p0	4224487424		
CustBattDiag_LVLSSet_ms_M_u32p0	2380788224		
CustBattDiag_LVSMClr_ms_M_u32p0	1427660800		
CustBattDiag_LVSMSet_ms_M_u32p0	3098296832		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	135.886963		
k_CustBattDiaghispd_kph_f32	18.9212227		
k_CustBattDiaglospd_kph_f32	171.811356		
k_LOIDetect_ms_u16p0	2456		
k_LOINotDetect_ms_u16p0	29923		
k_LVCDetect_Volts_u10p6	704		
k_LVCDetect_ms_u16p0	53693		
k_LVCNotDetect_Volts_u10p6	0		
k_LVCNotDetect_ms_u16p0	54346		
k_LVHSCDetect_Volts_u10p6	960		
k_LVHSCDetect_ms_u16p0	32654		
k_LVHSCNotDetect_Volts_u10p6	0		
k_LVHSCNotDetect_ms_u16p0	33675		
k_LVHSDetect_Volts_u10p6	704		
k_LVHSDetect_ms_u16p0	62683		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_ms_u16p0	44068		
k_LVLSCDetect_Volts_u10p6	704		
k_LVLSCDetect_ms_u16p0	8453		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	57065		
k_LVLSDetect_Volts_u10p6	704		
k_LVLSDetect_ms_u16p0	19844		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	4696		
k_LVSMDetect_Volts_u10p6	704		
k_LVSMDetect_ms_u16p0	32968		
k_LVSMNotDetect_Volts_u10p6	0		
k_LVSMNotDetect_ms_u16p0	45315		
target_CustBattDiag_Per2_Batt_Volt_f32.value	7.66467905		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	446.359222		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10813		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2735104		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3603866624	3603866624	✔
CustBattDiag_LOISet_ms_M_u32p0	2735104	2735104	✔
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVCSet_ms_M_u32p0	2735104	2735104	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	658765824	658765824	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2735104	2735104	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3603866624	3603866624	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1390749184	1390749184	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	914394112	914394112	✔
CustBattDiag_LVLSCSet ms M_u32p0	2735104	2735104	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSClr_ms_M_u32p0	4224487424	4224487424	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2380788224	2380788224	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1427660800	1427660800	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3098296832	3098296832	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.115 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	918738688
CustBattDiag_LOISet_ms_M_u32p0	923226368
CustBattDiag_LVCClr_ms_M_u32p0	1265889024
CustBattDiag_LVCSet_ms_M_u32p0	2035507456
CustBattDiag_LVHSCClr_ms_M_u32p0	1941101312
CustBattDiag_LVHSCSet_ms_M_u32p0	150992128
CustBattDiag_LVHSCClr_ms_M_u32p0	918738688
CustBattDiag_LVHSSet_ms_M_u32p0	923226368
CustBattDiag_LVLSCClr_ms_M_u32p0	2706185984
CustBattDiag_LVLSCSet_ms_M_u32p0	1924978944
CustBattDiag_LVLSCClr_ms_M_u32p0	1987646208
CustBattDiag_LVLSSet_ms_M_u32p0	3761171712
CustBattDiag_LVSMClr_ms_M_u32p0	500540160
CustBattDiag_LVSMSet_ms_M_u32p0	2502032640
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	125.618988
k_CustBattDiaghispd_kph_f32	69.2848663
k_CustBattDiaglospd_kph_f32	2.6912508
k_LOIDetect_ms_u16p0	33421
k_LOINotDetect_ms_u16p0	33571
k_LVCDetect_Volts_u10p6	320
k_LVCDetect_ms_u16p0	63388
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	30320
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	19690
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	10604
k_LVHSDetect_Volts_u10p6	320
k_LVHSDetect_ms_u16p0	62371
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	38209
k_LVLSCDetect_Volts_u10p6	320
k_LVLSCDetect_ms_u16p0	13493
k_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	59393
k_LVLSDetect_Volts_u10p6	320
k_LVLSDetect_ms_u16p0	23513
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	26966
k_LVSMDetect_Volts_u10p6	320
k_LVSMDetect_ms_u16p0	49838
k_LVSMNotDetect_Volts_u10p6	1088



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CustBattDiag\_Per2

Name	Input Value
k_LVSMNotDetect_ms_u16p0	56563
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.1305752
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	490.604248
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	44686
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2769391360
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2769391360	2769391360	✓
CustBattDiag_LOISet_ms_M_u32p0	2769391360	2769391360	✓
CustBattDiag_LVCClr_ms_M_u32p0	1265889024	1265889024	✓
CustBattDiag_LVCSet_ms_M_u32p0	2035507456	2035507456	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1941101312	1941101312	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	150992128	150992128	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	918738688	918738688	✓
CustBattDiag_LVHSSet_ms_M_u32p0	923226368	923226368	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2706185984	2706185984	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1924978944	1924978944	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1987646208	1987646208	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3761171712	3761171712	✓
CustBattDiag_LVSMClr_ms_M_u32p0	500540160	500540160	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2502032640	2502032640	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.116 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1534213632
CustBattDiag_LOISet_ms_M_u32p0	487378944
CustBattDiag_LVCClr_ms_M_u32p0	2290716160
CustBattDiag_LVCSet_ms_M_u32p0	1516806144
CustBattDiag_LVHSCClr_ms_M_u32p0	1504850432
CustBattDiag_LVHSCSet_ms_M_u32p0	3333612544
CustBattDiag_LVHSCClr_ms_M_u32p0	1534213632
CustBattDiag_LVHSSet_ms_M_u32p0	487378944
CustBattDiag_LVLSCClr_ms_M_u32p0	4277364224
CustBattDiag_LVLSCSet_ms_M_u32p0	168572928
CustBattDiag_LVLSCClr_ms_M_u32p0	1346341376
CustBattDiag_LVLSSet_ms_M_u32p0	3540384768
CustBattDiag_LVSMClr_ms_M_u32p0	1080678912
CustBattDiag_LVSMSet_ms_M_u32p0	0
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOlspd_kph_f32	45.8010101
k_CustBattDiaghispd_kph_f32	474.622345
k_CustBattDiaglospd_kph_f32	331.797852
k_LOIDetect_ms_u16p0	27547
k_LOINotDetect_ms_u16p0	33392
k_LVCDetect_Volts_u10p6	512
k_LVCDetect_ms_u16p0	41963
k_LVCNotDetect_Volts_u10p6	512
k_LVCNotDetect_ms_u16p0	29706
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	34754



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CustBattDiag\_Per2

Name	Input Value
k_LVHSCNotDetect_Volts_u10p6	512
k_LVHSCNotDetect_ms_u16p0	6356
k_LVHSDetect_Volts_u10p6	512
k_LVHSDetect_ms_u16p0	65464
k_LVHSNotDetect_Volts_u10p6	512
k_LVHSNotDetect_ms_u16p0	42100
k_LVLSCDetect_Volts_u10p6	512
k_LVLSCDetect_ms_u16p0	11219
k_LVLSCNotDetect_Volts_u10p6	512
k_LVLSCNotDetect_ms_u16p0	11014
k_LVLSDetect_Volts_u10p6	512
k_LVLSDetect_ms_u16p0	12423
k_LVLSNotDetect_Volts_u10p6	512
k_LVLSNotDetect_ms_u16p0	54312
k_LVSMDetect_Volts_u10p6	512
k_LVSMDetect_ms_u16p0	31272
k_LVSMNotDetect_Volts_u10p6	512
k_LVSMNotDetect_ms_u16p0	2670
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.3066807
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	63.3888855
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	64966
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3513128448
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3513128448	3513128448	✓
CustBattDiag_LOISet_ms_M_u32p0	3513128448	3513128448	✓
CustBattDiag_LVCClr_ms_M_u32p0	2290716160	2290716160	✓
CustBattDiag_LVCSet_ms_M_u32p0	1516806144	1516806144	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1504850432	1504850432	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3333612544	3333612544	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1534213632	1534213632	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	487378944	487378944	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4277364224	4277364224	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	168572928	168572928	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1346341376	1346341376	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3540384768	3540384768	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1080678912	1080678912	✓
CustBattDiag_LVSMSet_ms_M_u32p0	0	0	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.117 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1337985280	
CustBattDiag_LOISet_ms_M_u32p0	1673024256	
CustBattDiag_LVCClr_ms_M_u32p0	163191040	
CustBattDiag_LVCSet_ms_M_u32p0	2665800448	
CustBattDiag_LVHSCClr_ms_M_u32p0	1976577280	
CustBattDiag_LVHSCSet_ms_M_u32p0	1209407232	
CustBattDiag_LVHSClr_ms_M_u32p0	1337985280	
CustBattDiag_LVHSCSet_ms_M_u32p0	1673024256	
CustBattDiag_LVLSCClr_ms_M_u32p0	1004310784	
CustBattDiag_LVLSCSet_ms_M_u32p0	1012538112	
CustBattDiag_LVLSClr_ms_M_u32p0	361243904	
CustBattDiag_LVLSSet_ms_M_u32p0	3984379648	
CustBattDiag_LVSMClr_ms_M_u32p0	2454271232	

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOlspd_kph_f32	200.30809		
k_CustBattDiaghispd_kph_f32	507.012238		
k_CustBattDiaglospd_kph_f32	488.426727		
k_LOIDetect_ms_u16p0	25772		
k_LOINotDetect_ms_u16p0	13924		
k_LVCDetect_Volts_u10p6	768		
k_LVCDetect_ms_u16p0	62779		
k_LVCNotDetect_Volts_u10p6	1536		
k_LVCNotDetect_ms_u16p0	65304		
k_LVHSCDetect_Volts_u10p6	1216		
k_LVHSCDetect_ms_u16p0	40568		
k_LVHSCNotDetect_Volts_u10p6	1536		
k_LVHSCNotDetect_ms_u16p0	55160		
k_LVHSDetect_Volts_u10p6	768		
k_LVHSDetect_ms_u16p0	29237		
k_LVHSNotDetect_Volts_u10p6	1536		
k_LVHSNotDetect_ms_u16p0	18232		
k_LVLSCDetect_Volts_u10p6	768		
k_LVLSCDetect_ms_u16p0	24563		
k_LVLSCNotDetect_Volts_u10p6	1536		
k_LVLSCNotDetect_ms_u16p0	30483		
k_LVLSDetect_Volts_u10p6	768		
k_LVLSDetect_ms_u16p0	25463		
k_LVLSNotDetect_Volts_u10p6	1536		
k_LVLSNotDetect_ms_u16p0	29774		
k_LVSMDetect_Volts_u10p6	768		
k_LVSMDetect_ms_u16p0	35893		
k_LVSMNotDetect_Volts_u10p6	1536		
k_LVSMNotDetect_ms_u16p0	40474		
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.61948824		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	272.663361		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	11164		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	725909760		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1337985280	1337985280	✔
CustBattDiag_LOISet_ms_M_u32p0	1673024256	1673024256	✔
CustBattDiag_LVCClr_ms_M_u32p0	163191040	163191040	✔
CustBattDiag_LVCSet_ms_M_u32p0	2665800448	2665800448	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1976577280	1976577280	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1209407232	1209407232	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	725909760	725909760	✔
CustBattDiag_LVHSSet_ms_M_u32p0	725909760	725909760	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1004310784	1004310784	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1012538112	1012538112	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	725909760	725909760	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3984379648	3984379648	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2454271232	2454271232	✔
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.118 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3150096384
CustBattDiag_LOISet_ms_M_u32p0	2508311040
CustBattDiag_LVCClr_ms_M_u32p0	3390339072
CustBattDiag_LVCSet_ms_M_u32p0	171710976
CustBattDiag_LVHSCClr_ms_M_u32p0	656555008
CustBattDiag_LVHSCSet_ms_M_u32p0	2222489088
CustBattDiag_LVHSCClr_ms_M_u32p0	3150096384
CustBattDiag_LVHSCSet_ms_M_u32p0	2508311040
CustBattDiag_LVLSCClr_ms_M_u32p0	4086108160
CustBattDiag_LVLSCSet_ms_M_u32p0	2898031104
CustBattDiag_LVLSCLR_ms_M_u32p0	1037718528
CustBattDiag_LVLSSET_ms_M_u32p0	3039057408
CustBattDiag_LVSMCLR_ms_M_u32p0	3755418624
CustBattDiag_LVSMSET_ms_M_u32p0	3753833984
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	216.06485
k_CustBattDiaghispd_kph_f32	223.573212
k_CustBattDiaglospd_kph_f32	402.131531
k_LOIDetect_ms_u16p0	19653
k_LOINotDetect_ms_u16p0	29940
k_LVCDetect_Volts_u10p6	512
k_LVCDetect_ms_u16p0	61081
k_LVCNotDetect_Volts_u10p6	128
k_LVCNotDetect_ms_u16p0	16984
k_LVHSCDetect_Volts_u10p6	1536
k_LVHSCDetect_ms_u16p0	62624
k_LVHSCNotDetect_Volts_u10p6	128
k_LVHSCNotDetect_ms_u16p0	25848
k_LVHSDetect_Volts_u10p6	512
k_LVHSDetect_ms_u16p0	18058
k_LVHSNotDetect_Volts_u10p6	128
k_LVHSNotDetect_ms_u16p0	24026
k_LVLSCDetect_Volts_u10p6	512
k_LVLSCDetect_ms_u16p0	26399
k_LVLSCNotDetect_Volts_u10p6	128
k_LVLSCNotDetect_ms_u16p0	50073
k_LVLSDetect_Volts_u10p6	512
k_LVLSDetect_ms_u16p0	42930
k_LVLSNotDetect_Volts_u10p6	128
k_LVLSNotDetect_ms_u16p0	25095
k_LVSMDetect_Volts_u10p6	512
k_LVSMDetect_ms_u16p0	40091
k_LVSMNotDetect_Volts_u10p6	128
k_LVSMNotDetect_ms_u16p0	65219
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	8.39233589
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16293

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4044701696		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_lgc	target_CustBattDiag_Per2_StdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4044701696	4044701696	✔
CustBattDiag_LOISet_ms_M_u32p0	4044701696	4044701696	✔
CustBattDiag_LVCClr_ms_M_u32p0	3390339072	3390339072	✔
CustBattDiag_LVCSet_ms_M_u32p0	171710976	171710976	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	656555008	656555008	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4044701696	4044701696	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3150096384	3150096384	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2508311040	2508311040	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4086108160	4086108160	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4044701696	4044701696	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1037718528	1037718528	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3039057408	3039057408	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3755418624	3755418624	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3753833984	3753833984	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.119 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1291242240
CustBattDiag_LOISet_ms_M_u32p0	515990784
CustBattDiag_LVCClr_ms_M_u32p0	1832999680
CustBattDiag_LVCSet_ms_M_u32p0	1305638144
CustBattDiag_LVHSCClr_ms_M_u32p0	2988969728
CustBattDiag_LVHSCSet_ms_M_u32p0	3182250240
CustBattDiag_LVHSClr_ms_M_u32p0	1291242240
CustBattDiag_LVHSCSet_ms_M_u32p0	515990784
CustBattDiag_LVLSCClr_ms_M_u32p0	825725696
CustBattDiag_LVLSCSet_ms_M_u32p0	1974562048
CustBattDiag_LVLSClr_ms_M_u32p0	207603456
CustBattDiag_LVLSSet_ms_M_u32p0	1225376000
CustBattDiag_LVSMClr_ms_M_u32p0	0
CustBattDiag_LVSMSet_ms_M_u32p0	4008825088
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	109.648033
k_CustBattDiaghispd_kph_f32	189.885803
k_CustBattDiaglospd_kph_f32	375.930176
k_LOIDetect_ms_u16p0	19093
k_LOINotDetect_ms_u16p0	23041
k_LVCDetect_Volts_u10p6	1408
k_LVCDetect_ms_u16p0	27291
k_LVCNotDetect_Volts_u10p6	1920
k_LVCNotDetect_ms_u16p0	31572
k_LVHSCDetect_Volts_u10p6	1280
k_LVHSCDetect_ms_u16p0	21316
k_LVHSCNotDetect_Volts_u10p6	1920
k_LVHSCNotDetect_ms_u16p0	4148
k_LVHSDetect_Volts_u10p6	1408

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Name	Input Value
k_LVHSDetect_ms_u16p0	30247
k_LVHSNotDetect_Volts_u10p6	1920
k_LVHSNotDetect_ms_u16p0	52527
k_LVLSCDetect_Volts_u10p6	1408
k_LVLSCDetect_ms_u16p0	38647
k_LVLSCNotDetect_Volts_u10p6	1920
k_LVLSCNotDetect_ms_u16p0	64515
k_LVLSDetect_Volts_u10p6	1408
k_LVLSDetect_ms_u16p0	29661
k_LVLNotDetect_Volts_u10p6	1920
k_LVLNotDetect_ms_u16p0	56918
k_LVSMDetect_Volts_u10p6	1408
k_LVSMDetect_ms_u16p0	51141
k_LVSMNotDetect_Volts_u10p6	1920
k_LVSMNotDetect_ms_u16p0	14787
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.6132193
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	63.2356644
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	23271
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3579773696
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3579773696	3579773696	✓
CustBattDiag_LOISet_ms_M_u32p0	3579773696	3579773696	✓
CustBattDiag_LVCClr_ms_M_u32p0	3579773696	3579773696	✓
CustBattDiag_LVCCSet_ms_M_u32p0	1305638144	1305638144	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3579773696	3579773696	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3182250240	3182250240	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1291242240	1291242240	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	515990784	515990784	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3579773696	3579773696	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1974562048	1974562048	✓
CustBattDiag_LVLSClr_ms_M_u32p0	207603456	207603456	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1225376000	1225376000	✓
CustBattDiag_LVSMClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4008825088	4008825088	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓









T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

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CustBattDiag\_Per2

Test Step 2.120 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		161899008		
CustBattDiag_LOISet_ms_M_u32p0		2536412160		
CustBattDiag_LVCClr_ms_M_u32p0		3339104768		
CustBattDiag_LVCSet_ms_M_u32p0		1648059392		
CustBattDiag_LVHSCClr_ms_M_u32p0		606246400		
CustBattDiag_LVHSCSet_ms_M_u32p0		3069896704		
CustBattDiag_LVHSClr_ms_M_u32p0		161899008		
CustBattDiag_LVHSSet_ms_M_u32p0		2536412160		
CustBattDiag_LVLSCClr_ms_M_u32p0		973343232		
CustBattDiag_LVLSCSet_ms_M_u32p0		1014922240		
CustBattDiag_LVLSClr_ms_M_u32p0		3126554112		
CustBattDiag_LVLSSet_ms_M_u32p0		1019576320		
CustBattDiag_LVSMClr_ms_M_u32p0		4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0		3209515008		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		2		
k_CustBattDiagLOIspd_kph_f32		61.2756348		
k_CustBattDiaghispd_kph_f32		89.39888		
k_CustBattDiaglospd_kph_f32		251.732712		
k_LOIDetect_ms_u16p0		40657		
k_LOINotDetect_ms_u16p0		47269		
k_LVCDetect_Volts_u10p6		0		
k_LVCDetect_ms_u16p0		11840		
k_LVCNotDetect_Volts_u10p6		768		
k_LVCNotDetect_ms_u16p0		47148		
k_LVHSCDetect_Volts_u10p6		1792		
k_LVHSCDetect_ms_u16p0		33797		
k_LVHSCNotDetect_Volts_u10p6		768		
k_LVHSCNotDetect_ms_u16p0		846		
k_LVHSDetect_Volts_u10p6		0		
k_LVHSDetect_ms_u16p0		20860		
k_LVHSNotDetect_Volts_u10p6		768		
k_LVHSNotDetect_ms_u16p0		21883		
k_LVLSCDetect_Volts_u10p6		0		
k_LVLSCDetect_ms_u16p0		42844		
k_LVLSCNotDetect_Volts_u10p6		768		
k_LVLSCNotDetect_ms_u16p0		59599		
k_LVLSDetect_Volts_u10p6		0		
k_LVLSDetect_ms_u16p0		46281		
k_LVLSNotDetect_Volts_u10p6		768		
k_LVLSNotDetect_ms_u16p0		35062		
k_LVSMDetect_Volts_u10p6		0		
k_LVSMDetect_ms_u16p0		41266		
k_LVSMNotDetect_Volts_u10p6		768		
k_LVSMNotDetect_ms_u16p0		25041		
target_CustBattDiag_Per2_Batt_Volt_f32.value		31		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value		0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		9		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value		0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value		0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		28.5525455		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		29453		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		2001582592		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc		target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc		target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	2001582592	2001582592		
CustBattDiag_LOISet_ms_M_u32p0	2001582592	2001582592		
CustBattDiag_LVCClr_ms_M_u32p0	3339104768	3339104768		
CustBattDiag_LVCSet_ms_M_u32p0	1648059392	1648059392		
CustBattDiag_LVHSCClr_ms_M_u32p0	606246400	606246400		
CustBattDiag_LVHSCSet_ms_M_u32p0	2001582592	2001582592		
CustBattDiag_LVHSClr_ms_M_u32p0	161899008	161899008		

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	2536412160	2536412160	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	973343232	973343232	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2001582592	2001582592	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3126554112	3126554112	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1019576320	1019576320	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3209515008	3209515008	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.121 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2998115584
CustBattDiag_LOISet_ms_M_u32p0	2707621632
CustBattDiag_LVCClr_ms_M_u32p0	533900544
CustBattDiag_LVCSet_ms_M_u32p0	930912000
CustBattDiag_LVHSCClr_ms_M_u32p0	3306094848
CustBattDiag_LVHSCSet_ms_M_u32p0	2353924864
CustBattDiag_LVHSClr_ms_M_u32p0	2998115584
CustBattDiag_LVHSSet_ms_M_u32p0	2707621632
CustBattDiag_LVLSCClr_ms_M_u32p0	171615488
CustBattDiag_LVLSCSet_ms_M_u32p0	856903424
CustBattDiag_LVLSClr_ms_M_u32p0	2479126784
CustBattDiag_LVLSSet_ms_M_u32p0	55460608
CustBattDiag_LVSMClr_ms_M_u32p0	4223262976
CustBattDiag_LVSMSet_ms_M_u32p0	519492352
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	379.448914
k_CustBattDiaghispd_kph_f32	322.19455
k_CustBattDiaglospd_kph_f32	302.917297
k_LOIDetect_ms_u16p0	26905
k_LOINotDetect_ms_u16p0	41814
k_LVCDetect_Volts_u10p6	1472
k_LVCDetect_ms_u16p0	60494
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	31296
k_LVHSCDetect_Volts_u10p6	1536
k_LVHSCDetect_ms_u16p0	48062
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	31643
k_LVHSDetect_Volts_u10p6	1472
k_LVHSDetect_ms_u16p0	12538
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	27061
k_LVLSCDetect_Volts_u10p6	1472
k_LVLSCDetect_ms_u16p0	18024
k_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	36935
k_LVLSDetect_Volts_u10p6	1472
k_LVLSDetect_ms_u16p0	45507
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	23156



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Name	Input Value		
k_LVSMDetect_Volts_u10p6	1472		
k_LVSMDetect_ms_u16p0	46119		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	36483		
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.3983498		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	352.24881		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	40151		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3575485696		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3575485696	3575485696	✔
CustBattDiag_LOISet_ms_M_u32p0	3575485696	3575485696	✔
CustBattDiag_LVCClr_ms_M_u32p0	533900544	533900544	✔
CustBattDiag_LVCSet_ms_M_u32p0	930912000	930912000	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3306094848	3306094848	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2353924864	2353924864	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2998115584	2998115584	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2707621632	2707621632	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	171615488	171615488	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	856903424	856903424	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2479126784	2479126784	✔
CustBattDiag_LVLSSet_ms_M_u32p0	55460608	55460608	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4223262976	4223262976	✔
CustBattDiag_LVSMSet_ms_M_u32p0	519492352	519492352	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.122 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	2318920704	
CustBattDiag_LOISet_ms_M_u32p0	408006144	
CustBattDiag_LVCClr_ms_M_u32p0	1394260992	
CustBattDiag_LVCSet_ms_M_u32p0	1883569664	
CustBattDiag_LVHSCClr_ms_M_u32p0	1840627712	
CustBattDiag_LVHSCSet_ms_M_u32p0	3097534976	
CustBattDiag_LVHSClr_ms_M_u32p0	2318920704	
CustBattDiag_LVHSSet_ms_M_u32p0	408006144	
CustBattDiag_LVLSCClr_ms_M_u32p0	1237505024	
CustBattDiag_LVLSCSet_ms_M_u32p0	0	
CustBattDiag_LVLSClr_ms_M_u32p0	3447019520	
CustBattDiag_LVLSSet_ms_M_u32p0	3128949248	
CustBattDiag_LVSMClr_ms_M_u32p0	3211995136	
CustBattDiag_LVSMSet_ms_M_u32p0	2110147072	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOIspd_kph_f32	156.198273	
k_CustBattDiaghispd_kph_f32	310.740326	
k_CustBattDiaglospd_kph_f32	312.024384	
k_LOIDetect_ms_u16p0	42318	
k_LOINotDetect_ms_u16p0	16238	
k_LVCDetect_Volts_u10p6	1408	
k_LVCDetect_ms_u16p0	34607	
k_LVCNotDetect_Volts_u10p6	1088	



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Name	Input Value		
k_LVCNotDetect_ms_u16p0	14896		
k_LVHSCDetect_Volts_u10p6	1536		
k_LVHSCDetect_ms_u16p0	42654		
k_LVHSCNotDetect_Volts_u10p6	1088		
k_LVHSCNotDetect_ms_u16p0	36319		
k_LVHSDetect_Volts_u10p6	1408		
k_LVHSDetect_ms_u16p0	11788		
k_LVHSNotDetect_Volts_u10p6	1088		
k_LVHSNotDetect_ms_u16p0	38321		
k_LVLSCDetect_Volts_u10p6	1408		
k_LVLSCDetect_ms_u16p0	59536		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	49229		
k_LVLSDetect_Volts_u10p6	1408		
k_LVLSDetect_ms_u16p0	27552		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	57828		
k_LVSMDetect_Volts_u10p6	1408		
k_LVSMDetect_ms_u16p0	36245		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	35289		
target_CustBattDiag_Per2_Batt_Volt_f32.value	13.1060143		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	485.656769		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	47300		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1624900608		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1624900608	1624900608	✔
CustBattDiag_LOISet_ms_M_u32p0	1624900608	1624900608	✔
CustBattDiag_LVCClr_ms_M_u32p0	1624900608	1624900608	✔
CustBattDiag_LVCSet_ms_M_u32p0	1883569664	1883569664	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1624900608	1624900608	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3097534976	3097534976	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2318920704	2318920704	✔
CustBattDiag_LVHSSet_ms_M_u32p0	408006144	408006144	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1624900608	1624900608	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1624900608	1624900608	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3447019520	3447019520	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3128949248	3128949248	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3211995136	3211995136	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2110147072	2110147072	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔
NTC_Cnt_T_enum	0xE3	0xE3	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.123 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1000800000
CustBattDiag_LOISet_ms_M_u32p0	585218304
CustBattDiag_LVCClr_ms_M_u32p0	2956889856
CustBattDiag_LVCSet_ms_M_u32p0	3427256576
CustBattDiag_LVHSCClr_ms_M_u32p0	2172486400
CustBattDiag_LVHSCSet_ms_M_u32p0	1589959936
CustBattDiag_LVHSClr_ms_M_u32p0	1000800000
CustBattDiag_LVHSSet_ms_M_u32p0	585218304
CustBattDiag_LVLSCClr_ms_M_u32p0	715540224
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSClr_ms_M_u32p0	2124331776
CustBattDiag_LVLSSet_ms_M_u32p0	2760299776
CustBattDiag_LVSMClr_ms_M_u32p0	2749713152
CustBattDiag_LVSMSet_ms_M_u32p0	401859840
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	10.8300409
k_CustBattDiaghispd_kph_f32	432.492157
k_CustBattDiaglospd_kph_f32	149.408157
k_LOIDetect_ms_u16p0	20364
k_LOINotDetect_ms_u16p0	1700
k_LVCDetect_Volts_u10p6	128
k_LVCDetect_ms_u16p0	26472
k_LVCNotDetect_Volts_u10p6	704
k_LVCNotDetect_ms_u16p0	38877
k_LVHSCDetect_Volts_u10p6	1088
k_LVHSCDetect_ms_u16p0	24540
k_LVHSCNotDetect_Volts_u10p6	704
k_LVHSCNotDetect_ms_u16p0	38287
k_LVHSDetect_Volts_u10p6	128
k_LVHSDetect_ms_u16p0	37937
k_LVHSNotDetect_Volts_u10p6	704
k_LVHSNotDetect_ms_u16p0	34746
k_LVLSCDetect_Volts_u10p6	128
k_LVLSCDetect_ms_u16p0	46131
k_LVLSCNotDetect_Volts_u10p6	704
k_LVLSCNotDetect_ms_u16p0	27894
k_LVLSDetect_Volts_u10p6	128
k_LVLSDetect_ms_u16p0	23460
k_LVLSNotDetect_Volts_u10p6	704
k_LVLSNotDetect_ms_u16p0	1999
k_LVSMDetect_Volts_u10p6	128
k_LVSMDetect_ms_u16p0	64102
k_LVSMNotDetect_Volts_u10p6	704
k_LVSMNotDetect_ms_u16p0	50066
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.5385017
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0

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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	202.630066
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	51481
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2116073216
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2116073216	2116073216	✓
CustBattDiag_LOISet_ms_M_u32p0	2116073216	2116073216	✓
CustBattDiag_LVCClr_ms_M_u32p0	2956889856	2956889856	✓
CustBattDiag_LVCSet_ms_M_u32p0	3427256576	3427256576	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2172486400	2172486400	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2116073216	2116073216	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1000800000	1000800000	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	585218304	585218304	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	715540224	715540224	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2116073216	2116073216	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	2124331776	2124331776	✓
CustBattDiag_LVLSSET_ms_M_u32p0	2760299776	2760299776	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2749713152	2749713152	✓
CustBattDiag_LVSMSet_ms_M_u32p0	401859840	401859840	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.124 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1868940800
CustBattDiag_LOISet_ms_M_u32p0	622696448
CustBattDiag_LVCClr_ms_M_u32p0	2749306368
CustBattDiag_LVCSet_ms_M_u32p0	355166208
CustBattDiag_LVHSCClr_ms_M_u32p0	217201152
CustBattDiag_LVHSCSet_ms_M_u32p0	1527000064
CustBattDiag_LVHSCClr_ms_M_u32p0	1868940800
CustBattDiag_LVHSCSet_ms_M_u32p0	622696448
CustBattDiag_LVLSCClr_ms_M_u32p0	2575822336
CustBattDiag_LVLSCSet_ms_M_u32p0	2369069056
CustBattDiag_LVLSCLR_ms_M_u32p0	1080988160
CustBattDiag_LVLSSET_ms_M_u32p0	664683520
CustBattDiag_LVSMClr_ms_M_u32p0	3738886656
CustBattDiag_LVSMSet_ms_M_u32p0	2509706240

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CustBattDiag\_Per2

Name	Input Value
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOlspd_kph_f32	295.232788
k_CustBattDiaghispd_kph_f32	29.5068588
k_CustBattDiaglospd_kph_f32	498.079254
k_LOIDetect_ms_u16p0	42045
k_LOINotDetect_ms_u16p0	52877
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	9257
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	38498
k_LVHSCDetect_Volts_u10p6	1216
k_LVHSCDetect_ms_u16p0	13965
k_LVHSCNotDetect_Volts_u10p6	0
k_LVHSCNotDetect_ms_u16p0	45835
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	47533
k_LVHSNotDetect_Volts_u10p6	0
k_LVHSNotDetect_ms_u16p0	16300
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	43766
k_LVLSCNotDetect_Volts_u10p6	0
k_LVLSCNotDetect_ms_u16p0	41160
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	41667
k_LVLSNotDetect_Volts_u10p6	0
k_LVLSNotDetect_ms_u16p0	20827
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	14493
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	33586
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.3870945
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	155.056091
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	56261
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	3570966016
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3570966016	3570966016	✓
CustBattDiag_LOISet_ms_M_u32p0	3570966016	3570966016	✓
CustBattDiag_LVCClr_ms_M_u32p0	2749306368	2749306368	✓
CustBattDiag_LVCSet_ms_M_u32p0	355166208	355166208	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	217201152	217201152	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1527000064	1527000064	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1868940800	1868940800	✓
CustBattDiag_LVHSSet_ms_M_u32p0	622696448	622696448	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2575822336	2575822336	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2369069056	2369069056	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1080988160	1080988160	✓
CustBattDiag_LVLSSet_ms_M_u32p0	664683520	664683520	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3738886656	3738886656	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2509706240	2509706240	✓









T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

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CustBattDiag\_Per2

Test Step 2.125 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		738554112		
CustBattDiag_LOISet_ms_M_u32p0		1755708160		
CustBattDiag_LVCClr_ms_M_u32p0		3621355776		
CustBattDiag_LVCSet_ms_M_u32p0		3552348928		
CustBattDiag_LVHSCClr_ms_M_u32p0		1177556224		
CustBattDiag_LVHSCSet_ms_M_u32p0		1245855488		
CustBattDiag_LVHSClr_ms_M_u32p0		738554112		
CustBattDiag_LVHSSet_ms_M_u32p0		1755708160		
CustBattDiag_LVLSCClr_ms_M_u32p0		0		
CustBattDiag_LVLSCSet_ms_M_u32p0		2414658304		
CustBattDiag_LVLSClr_ms_M_u32p0		2870676736		
CustBattDiag_LVLSSet_ms_M_u32p0		2329147136		
CustBattDiag_LVSMClr_ms_M_u32p0		2769689856		
CustBattDiag_LVSMSet_ms_M_u32p0		3895035648		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		2		
k_CustBattDiagLOIspd_kph_f32		506.317932		
k_CustBattDiaghispd_kph_f32		165.3396		
k_CustBattDiaglospd_kph_f32		478.786133		
k_LOIDetect_ms_u16p0		23527		
k_LOINotDetect_ms_u16p0		20015		
k_LVCDetect_Volts_u10p6		320		
k_LVCDetect_ms_u16p0		34209		
k_LVCNotDetect_Volts_u10p6		896		
k_LVCNotDetect_ms_u16p0		33839		
k_LVHSCDetect_Volts_u10p6		1088		
k_LVHSCDetect_ms_u16p0		23349		
k_LVHSCNotDetect_Volts_u10p6		896		
k_LVHSCNotDetect_ms_u16p0		60661		
k_LVHSDetect_Volts_u10p6		320		
k_LVHSDetect_ms_u16p0		61815		
k_LVHSNotDetect_Volts_u10p6		896		
k_LVHSNotDetect_ms_u16p0		40369		
k_LVLSCDetect_Volts_u10p6		320		
k_LVLSCDetect_ms_u16p0		27049		
k_LVLSCNotDetect_Volts_u10p6		896		
k_LVLSCNotDetect_ms_u16p0		34797		
k_LVLSDetect_Volts_u10p6		320		
k_LVLSDetect_ms_u16p0		14307		
k_LVLSNotDetect_Volts_u10p6		896		
k_LVLSNotDetect_ms_u16p0		29397		
k_LVSMDetect_Volts_u10p6		320		
k_LVSMDetect_ms_u16p0		40949		
k_LVSMNotDetect_Volts_u10p6		896		
k_LVSMNotDetect_ms_u16p0		11758		
target_CustBattDiag_Per2_Batt_Volt_f32.value		27.9656448		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value		1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		14		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value		1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value		0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		5.92784548		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		35006		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		4111264000		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc		target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc		target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	4111264000	4111264000		
CustBattDiag_LOISet_ms_M_u32p0	4111264000	4111264000		
CustBattDiag_LVCClr_ms_M_u32p0	3621355776	3621355776		
CustBattDiag_LVCSet_ms_M_u32p0	3552348928	3552348928		
CustBattDiag_LVHSCClr_ms_M_u32p0	1177556224	1177556224		
CustBattDiag_LVHSCSet_ms_M_u32p0	4111264000	4111264000		
CustBattDiag_LVHSClr_ms_M_u32p0	738554112	738554112		

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1755708160	1755708160	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4111264000	4111264000	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2870676736	2870676736	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2329147136	2329147136	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2769689856	2769689856	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3895035648	3895035648	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01		

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CustBattDiag\_Per2

Name	Input Value
k_LVLSDetect_Volts_u10p6	576
k_LVLSDetect_ms_u16p0	10513
k_LVLSDetect_Volts_u10p6	1856
k_LVLSDetect_ms_u16p0	33811
k_LVSMDetect_Volts_u10p6	576
k_LVSMDetect_ms_u16p0	62458
k_LVSMNotDetect_Volts_u10p6	1856
k_LVSMNotDetect_ms_u16p0	57576
target_CustBattDiag_Per2_Batt_Volt_f32.value	15.1695108
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	14.3005819
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	49886
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2539390976
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2539390976	2539390976	✓
CustBattDiag_LOISet_ms_M_u32p0	2539390976	2539390976	✓
CustBattDiag_LVCClr_ms_M_u32p0	2136358912	2136358912	✓
CustBattDiag_LVCSet_ms_M_u32p0	3159695872	3159695872	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2007139328	2007139328	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3230926336	3230926336	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1586655232	1586655232	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2941833728	2941833728	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2930014720	2930014720	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3401686016	3401686016	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2344541696	2344541696	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1561357312	1561357312	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2113809920	2113809920	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.127 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1034384128
CustBattDiag_LOISet_ms_M_u32p0	3613150464
CustBattDiag_LVCClr_ms_M_u32p0	1855718144
CustBattDiag_LVCSet_ms_M_u32p0	3316079872
CustBattDiag_LVHSCClr_ms_M_u32p0	4224136960
CustBattDiag_LVHSCSet_ms_M_u32p0	3246043392
CustBattDiag_LVHSCClr_ms_M_u32p0	1034384128
CustBattDiag_LVHSCSet_ms_M_u32p0	3613150464
CustBattDiag_LVLSCClr_ms_M_u32p0	3632227072
CustBattDiag_LVLSCSet_ms_M_u32p0	4195964160
CustBattDiag_LVLSCClr_ms_M_u32p0	4241092352
CustBattDiag_LVLSCSet_ms_M_u32p0	962210048
CustBattDiag_LVSMClr_ms_M_u32p0	3307044608
CustBattDiag_LVSMSet_ms_M_u32p0	1138505984
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	38.729763
k_CustBattDiaghispd_kph_f32	16.9894466
k_CustBattDiaglospd_kph_f32	117.329636
k_LOIDetect_ms_u16p0	53221

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Name	Input Value		
k_LOINotDetect_ms_u16p0	27231		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	12919		
k_LVCNotDetect_Volts_u10p6	576		
k_LVCNotDetect_ms_u16p0	17246		
k_LVHSCDetect_Volts_u10p6	1280		
k_LVHSCDetect_ms_u16p0	39462		
k_LVHSCNotDetect_Volts_u10p6	576		
k_LVHSCNotDetect_ms_u16p0	23507		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	39862		
k_LVHSNotDetect_Volts_u10p6	576		
k_LVHSNotDetect_ms_u16p0	10676		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	61086		
k_LVLSCNotDetect_Volts_u10p6	576		
k_LVLSCNotDetect_ms_u16p0	6636		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	29666		
k_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	40789		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	35270		
k_LVSMNotDetect_Volts_u10p6	576		
k_LVSMNotDetect_ms_u16p0	24182		
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.8018703		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	119.905945		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33114		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1470802688		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1470802688	1470802688	✔
CustBattDiag_LOISet_ms_M_u32p0	3613150464	3613150464	✔
CustBattDiag_LVCClr_ms_M_u32p0	1855718144	1855718144	✔
CustBattDiag_LVCSet_ms_M_u32p0	3316079872	3316079872	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4224136960	4224136960	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1470802688	1470802688	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1034384128	1034384128	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3613150464	3613150464	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3632227072	3632227072	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1470802688	1470802688	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4241092352	4241092352	✔
CustBattDiag_LVLSSet_ms_M_u32p0	962210048	962210048	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3307044608	3307044608	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1138505984	1138505984	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x01	0x01	✔
Status_Cnt_T_enum	0x01	0x01	✔
NTC_Cnt_T_enum	0xE3	0xE3	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE4	0xE4	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔



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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.128 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	741632512
CustBattDiag_LOISet_ms_M_u32p0	3674070016
CustBattDiag_LVCClr_ms_M_u32p0	3751197184
CustBattDiag_LVCSet_ms_M_u32p0	3495734272
CustBattDiag_LVHSCClr_ms_M_u32p0	367336960
CustBattDiag_LVHSCSet_ms_M_u32p0	0
CustBattDiag_LVHSClr_ms_M_u32p0	741632512
CustBattDiag_LVHSCSet_ms_M_u32p0	3674070016
CustBattDiag_LVLSCClr_ms_M_u32p0	1166217728
CustBattDiag_LVLSCSet_ms_M_u32p0	2431042560
CustBattDiag_LVLSClr_ms_M_u32p0	2747069952
CustBattDiag_LVLSSet_ms_M_u32p0	2406762496
CustBattDiag_LVSMClr_ms_M_u32p0	3439478272
CustBattDiag_LVSMSet_ms_M_u32p0	3425572864
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	279.29071
k_CustBattDiaghispd_kph_f32	487.102112
k_CustBattDiaglospd_kph_f32	387.536743
k_LOIDetect_ms_u16p0	36994
k_LOINotDetect_ms_u16p0	28716
k_LVCDetect_Volts_u10p6	1152
k_LVCNotDetect_ms_u16p0	34892
k_LVCNotDetect_Volts_u10p6	576
k_LVCNotDetect_ms_u16p0	63663
k_LVHSCDetect_Volts_u10p6	1408
k_LVHSCDetect_ms_u16p0	63743
k_LVHSCNotDetect_Volts_u10p6	576
k_LVHSCNotDetect_ms_u16p0	37135
k_LVHSDetect_Volts_u10p6	1152
k_LVHSDetect_ms_u16p0	7791
k_LVHSNotDetect_Volts_u10p6	576
k_LVHSNotDetect_ms_u16p0	33933
k_LVLSCDetect_Volts_u10p6	1152
k_LVLSCDetect_ms_u16p0	57350
k_LVLSCNotDetect_Volts_u10p6	576
k_LVLSCNotDetect_ms_u16p0	1460
k_LVLSDetect_Volts_u10p6	1152
k_LVLSDetect_ms_u16p0	43099
k_LVLSNotDetect_Volts_u10p6	576
k_LVLSNotDetect_ms_u16p0	20635
k_LVSMDetect_Volts_u10p6	1152
k_LVSMDetect_ms_u16p0	33486
k_LVSMNotDetect_Volts_u10p6	576
k_LVSMNotDetect_ms_u16p0	4695
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.9854183
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1

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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	404.856628
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	28498
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	285917696
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	285917696	285917696	✓
CustBattDiag_LOISet_ms_M_u32p0	285917696	285917696	✓
CustBattDiag_LVCClr_ms_M_u32p0	3751197184	3751197184	✓
CustBattDiag_LVCSet_ms_M_u32p0	3495734272	3495734272	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	367336960	367336960	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	741632512	741632512	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3674070016	3674070016	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1166217728	1166217728	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2431042560	2431042560	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2747069952	2747069952	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2406762496	2406762496	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3439478272	3439478272	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3425572864	3425572864	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.129 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3978921216
CustBattDiag_LOISet_ms_M_u32p0	219492096
CustBattDiag_LVCClr_ms_M_u32p0	4363520
CustBattDiag_LVCSet_ms_M_u32p0	3963141888
CustBattDiag_LVHSCClr_ms_M_u32p0	65497344
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	3978921216
CustBattDiag_LVHSCSet_ms_M_u32p0	219492096
CustBattDiag_LVLSCClr_ms_M_u32p0	2380107008
CustBattDiag_LVLSCSet_ms_M_u32p0	284849920
CustBattDiag_LVLSCClr_ms_M_u32p0	666886400
CustBattDiag_LVLSSet_ms_M_u32p0	543288064
CustBattDiag_LVSMClr_ms_M_u32p0	623898880
CustBattDiag_LVSMSet_ms_M_u32p0	1433697024
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	479.122955
k_CustBattDiaghispd_kph_f32	261.542389
k_CustBattDiaglospd_kph_f32	19.9978752
k_LOIDetect_ms_u16p0	36648
k_LOINotDetect_ms_u16p0	17121
k_LVCDetect_Volts_u10p6	1856
k_LVCNotDetect_Volts_u10p6	18761
k_LVCNotDetect_Volts_u10p6	832
k_LVCNotDetect_Volts_u10p6	28375
k_LVHSCDetect_Volts_u10p6	1024
k_LVHSCDetect_ms_u16p0	65520
k_LVHSCNotDetect_Volts_u10p6	832
k_LVHSCNotDetect_ms_u16p0	120
k_LVHSDetect_Volts_u10p6	1856
k_LVHSDetect_ms_u16p0	37184
k_LVHSNotDetect_Volts_u10p6	832

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Name	Input Value
k_LVHSNotDetect_ms_u16p0	36511
k_LVLSCDetect_Volts_u10p6	1856
k_LVLSCDetect_ms_u16p0	23947
k_LVLSCNotDetect_Volts_u10p6	832
k_LVLSCNotDetect_ms_u16p0	21945
k_LVLSDetect_Volts_u10p6	1856
k_LVLSDetect_ms_u16p0	31787
k_LVLSSNotDetect_Volts_u10p6	832
k_LVLSSNotDetect_ms_u16p0	25508
k_LVSMDetect_Volts_u10p6	1856
k_LVSMDetect_ms_u16p0	6259
k_LVSMNotDetect_Volts_u10p6	832
k_LVSMNotDetect_ms_u16p0	41231
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	405.891693
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	55590
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	637959424
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	637959424	637959424	✓
CustBattDiag_LOISet_ms_M_u32p0	637959424	637959424	✓
CustBattDiag_LVCClr_ms_M_u32p0	4363520	4363520	✓
CustBattDiag_LVCSet_ms_M_u32p0	3963141888	3963141888	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	65497344	65497344	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	637959424	637959424	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3978921216	3978921216	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	219492096	219492096	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2380107008	2380107008	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	637959424	637959424	✓
CustBattDiag_LVLSClr_ms_M_u32p0	666886400	666886400	✓
CustBattDiag_LVLSSet_ms_M_u32p0	543288064	543288064	✓
CustBattDiag_LVSMClr_ms_M_u32p0	623898880	623898880	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1433697024	1433697024	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.130 (Repeat Count = 1)	Name	Input Value
	CustBattDiag_LOIClr_ms_M_u32p0	1953903616
	CustBattDiag_LOISet_ms_M_u32p0	2950379008
	CustBattDiag_LVCClr_ms_M_u32p0	3010135040
	CustBattDiag_LVCSet_ms_M_u32p0	3568338432

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Name	Input Value		
CustBattDiag_LVHSCClr_ms_M_u32p0	4107044864		
CustBattDiag_LVHSCSet_ms_M_u32p0	3882654208		
CustBattDiag_LVHSCClr_ms_M_u32p0	1953903616		
CustBattDiag_LVHSCSet_ms_M_u32p0	2950379008		
CustBattDiag_LVLSCClr_ms_M_u32p0	1283070976		
CustBattDiag_LVLSCSet_ms_M_u32p0	3008060928		
CustBattDiag_LVLSCClr_ms_M_u32p0	2703433728		
CustBattDiag_LVLSCSet_ms_M_u32p0	2749694464		
CustBattDiag_LVSMClr_ms_M_u32p0	1024651264		
CustBattDiag_LVSMSet_ms_M_u32p0	1122849280		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	417.518463		
k_CustBattDiaghispd_kph_f32	429.824249		
k_CustBattDiaglospd_kph_f32	17.8046036		
k_LOIDetect_ms_u16p0	49600		
k_LOINotDetect_ms_u16p0	36461		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	44765		
k_LVCNotDetect_Volts_u10p6	1280		
k_LVCNotDetect_ms_u16p0	47627		
k_LVHSCDetect_Volts_u10p6	896		
k_LVHSCDetect_ms_u16p0	28842		
k_LVHSCNotDetect_Volts_u10p6	1280		
k_LVHSCNotDetect_ms_u16p0	62696		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	14297		
k_LVHSNotDetect_Volts_u10p6	1280		
k_LVHSNotDetect_ms_u16p0	37011		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	57288		
k_LVLSCNotDetect_Volts_u10p6	1280		
k_LVLSCNotDetect_ms_u16p0	39830		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	40201		
k_LVLSNotDetect_Volts_u10p6	1280		
k_LVLSNotDetect_ms_u16p0	9718		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	50511		
k_LVSMNotDetect_Volts_u10p6	1280		
k_LVSMNotDetect_ms_u16p0	26068		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.796114		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	111.562561		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	61560		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2478787584		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2478787584	2478787584	✔
CustBattDiag_LOISet_ms_M_u32p0	2478787584	2478787584	✔
CustBattDiag_LVCCClr_ms_M_u32p0	3010135040	3010135040	✔
CustBattDiag_LVCSet_ms_M_u32p0	3568338432	3568338432	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2478787584	2478787584	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3882654208	3882654208	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1953903616	1953903616	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2950379008	2950379008	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2478787584	2478787584	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2478787584	2478787584	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2703433728	2703433728	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2749694464	2749694464	✔
CustBattDiag_LVSMClr ms M_u32p0	1024651264	1024651264	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMSet_ms_M_u32p0	1122849280	1122849280	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.131 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	806102784
CustBattDiag_LOISet_ms_M_u32p0	1281696000
CustBattDiag_LVCClr_ms_M_u32p0	174962432
CustBattDiag_LVCSets_ms_M_u32p0	2535796992
CustBattDiag_LVHSCClr_ms_M_u32p0	0
CustBattDiag_LVHSCSet_ms_M_u32p0	2604844288
CustBattDiag_LVHSClr_ms_M_u32p0	806102784
CustBattDiag_LVHSCSet_ms_M_u32p0	1281696000
CustBattDiag_LVLSCClr_ms_M_u32p0	4188040960
CustBattDiag_LVLSCSet_ms_M_u32p0	2494867712
CustBattDiag_LVLSClr_ms_M_u32p0	3568657152
CustBattDiag_LVLSSet_ms_M_u32p0	2792865024
CustBattDiag_LVSMClr_ms_M_u32p0	1143337728
CustBattDiag_LVSMSet_ms_M_u32p0	245288192
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	367.342621
k_CustBattDiaghispd_kph_f32	7.35800171
k_CustBattDiaglospd_kph_f32	100.501541
k_LOIDetect_ms_u16p0	52820
k_LOINotDetect_ms_u16p0	4294
k_LVCDetect_Volts_u10p6	1536
k_LVCNotDetect_ms_u16p0	46204
k_LVCNotDetect_Volts_u10p6	896
k_LVCNotDetect_ms_u16p0	32619
k_LVHSCDetect_Volts_u10p6	192
k_LVHSCDetect_ms_u16p0	48598
k_LVHSCNotDetect_Volts_u10p6	896
k_LVHSCNotDetect_ms_u16p0	65427
k_LVHSDetect_Volts_u10p6	1536
k_LVHSDetect_ms_u16p0	30441
k_LVHSNotDetect_Volts_u10p6	896
k_LVHSNotDetect_ms_u16p0	55859
k_LVLSCDetect_Volts_u10p6	1536
k_LVLSCDetect_ms_u16p0	39083
k_LVLSCNotDetect_Volts_u10p6	896
k_LVLSCNotDetect_ms_u16p0	55355
k_LVLSDetect_Volts_u10p6	1536
k_LVLSDetect_ms_u16p0	38281
k_LVLSNotDetect_Volts_u10p6	896
k_LVLSNotDetect_ms_u16p0	40122
k_LVSMDetect_Volts_u10p6	1536
k_LVSMDetect_ms_u16p0	42328

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CustBattDiag\_Per2

Name	Input Value
k_LVSMNotDetect_Volts_u10p6	896
k_LVSMNotDetect_ms_u16p0	29890
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.6845131
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	168.909302
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56349
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4103134976
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4103134976	4103134976	✓
CustBattDiag_LOISet_ms_M_u32p0	4103134976	4103134976	✓
CustBattDiag_LVCClr_ms_M_u32p0	174962432	174962432	✓
CustBattDiag_LVCSet_ms_M_u32p0	2535796992	2535796992	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4103134976	4103134976	✓
CustBattDiag_LVHSClr_ms_M_u32p0	806102784	806102784	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1281696000	1281696000	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4188040960	4188040960	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4103134976	4103134976	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3568657152	3568657152	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2792865024	2792865024	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1143337728	1143337728	✓
CustBattDiag_LVSMSet_ms_M_u32p0	245288192	245288192	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.132 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4174794240
CustBattDiag_LOISet_ms_M_u32p0	1479761920
CustBattDiag_LVCClr_ms_M_u32p0	2750520832
CustBattDiag_LVCSet_ms_M_u32p0	1278423040
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	1596617728
CustBattDiag_LVHSCClr_ms_M_u32p0	4174794240
CustBattDiag_LVHSCSet_ms_M_u32p0	1479761920
CustBattDiag_LVLSCClr_ms_M_u32p0	658077184
CustBattDiag_LVLSCSet_ms_M_u32p0	124045312
CustBattDiag_LVLSCClr_ms_M_u32p0	1254791680
CustBattDiag_LVLSSet_ms_M_u32p0	1735101440
CustBattDiag_LVSMClr_ms_M_u32p0	850979328
CustBattDiag_LVSMSet_ms_M_u32p0	1597398016
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1

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CustBattDiag\_Per2

Name	Input Value
k_CustBattDiagLOIspd_kph_f32	164.775604
k_CustBattDiaghispd_kph_f32	226.056259
k_CustBattDiaglospd_kph_f32	104.996849
k_LOIDetect_ms_u16p0	11140
k_LOINotDetect_ms_u16p0	19142
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	28812
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	10840
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	26686
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	6046
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	37159
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	65248
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	7983
k_LVLSCNotDetect_Volts_u10p6	256
k_LVLSCNotDetect_ms_u16p0	59287
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	2741
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	61243
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	49512
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	8259
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.8001366
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	389.728638
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	62553
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3290965504
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3290965504	3290965504	✓
CustBattDiag_LOISet_ms_M_u32p0	3290965504	3290965504	✓
CustBattDiag_LVCClr_ms_M_u32p0	2750520832	2750520832	✓
CustBattDiag_LVCCSet_ms_M_u32p0	1278423040	1278423040	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1596617728	1596617728	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4174794240	4174794240	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1479761920	1479761920	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	658077184	658077184	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	124045312	124045312	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1254791680	1254791680	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1735101440	1735101440	✓
CustBattDiag_LVSMClr_ms_M_u32p0	850979328	850979328	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1597398016	1597398016	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.133 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3688093952	
CustBattDiag_LOISet_ms_M_u32p0	1082434304	



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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVCClr_ms_M_u32p0	734128384		
CustBattDiag_LVCSet_ms_M_u32p0	3888460544		
CustBattDiag_LVHSCClr_ms_M_u32p0	406910208		
CustBattDiag_LVHSCSet_ms_M_u32p0	2431608576		
CustBattDiag_LVHSClr_ms_M_u32p0	3688093952		
CustBattDiag_LVHSSet_ms_M_u32p0	1082434304		
CustBattDiag_LVLSCClr_ms_M_u32p0	793403648		
CustBattDiag_LVLSCSet_ms_M_u32p0	445672192		
CustBattDiag_LVLSClr_ms_M_u32p0	3861312768		
CustBattDiag_LVLSSet_ms_M_u32p0	2056003328		
CustBattDiag_LVSMClr_ms_M_u32p0	2342257920		
CustBattDiag_LVSMSet_ms_M_u32p0	40611584		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0		
k_CustBattDiagLOlspd_kph_f32	388.947784		
k_CustBattDiaghispd_kph_f32	503.750488		
k_CustBattDiaglospd_kph_f32	455.940063		
k_LOIDetect_ms_u16p0	15154		
k_LOINotDetect_ms_u16p0	35234		
k_LVCDetect_Volts_u10p6	1408		
k_LVCDetect_ms_u16p0	34201		
k_LVCNotDetect_Volts_u10p6	1088		
k_LVCNotDetect_ms_u16p0	26734		
k_LVHSCDetect_Volts_u10p6	128		
k_LVHSCDetect_ms_u16p0	25410		
k_LVHSCNotDetect_Volts_u10p6	1088		
k_LVHSCNotDetect_ms_u16p0	22362		
k_LVHSDetect_Volts_u10p6	1408		
k_LVHSDetect_ms_u16p0	27689		
k_LVHSNotDetect_Volts_u10p6	1088		
k_LVHSNotDetect_ms_u16p0	48179		
k_LVLSCDetect_Volts_u10p6	1408		
k_LVLSCDetect_ms_u16p0	10272		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	39328		
k_LVLSDetect_Volts_u10p6	1408		
k_LVLSDetect_ms_u16p0	16175		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	853		
k_LVSMDetect_Volts_u10p6	1408		
k_LVSMDetect_ms_u16p0	59574		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	50395		
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.6732979		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	183.879471		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	51745		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2940096768		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2940096768	2940096768	✔
CustBattDiag_LOISet_ms_M_u32p0	2940096768	2940096768	✔
CustBattDiag_LVCClr_ms_M_u32p0	734128384	734128384	✔
CustBattDiag_LVCSet_ms_M_u32p0	3888460544	3888460544	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	406910208	406910208	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2431608576	2431608576	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3688093952	3688093952	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1082434304	1082434304	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	793403648	793403648	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	445672192	445672192	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3861312768	3861312768	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSSet_ms_M_u32p0	2056003328	2056003328	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2342257920	2342257920	✓
CustBattDiag_LVSMSet_ms_M_u32p0	40611584	40611584	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.134 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3938924544
CustBattDiag_LOISet_ms_M_u32p0	0
CustBattDiag_LVCClr_ms_M_u32p0	121440256
CustBattDiag_LVCSet_ms_M_u32p0	3571132928
CustBattDiag_LVHSCClr_ms_M_u32p0	3428305920
CustBattDiag_LVHSCSet_ms_M_u32p0	1932299776
CustBattDiag_LVHSCClr_ms_M_u32p0	3938924544
CustBattDiag_LVHSCSet_ms_M_u32p0	0
CustBattDiag_LVLSCClr_ms_M_u32p0	3565395968
CustBattDiag_LVLSCSet_ms_M_u32p0	2405007872
CustBattDiag_LVLSCLR_ms_M_u32p0	2336089088
CustBattDiag_LVLSSet_ms_M_u32p0	792094208
CustBattDiag_LVSMClr_ms_M_u32p0	2199827456
CustBattDiag_LVSMSet_ms_M_u32p0	1238873600
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	65.4553528
k_CustBattDiaghispd_kph_f32	428.238281
k_CustBattDiaglospd_kph_f32	73.2604828
k_LOIDetect_ms_u16p0	34418
k_LOINotDetect_ms_u16p0	30330
k_LVCDetect_Volts_u10p6	1344
k_LVCDetect_ms_u16p0	23230
k_LVCNotDetect_Volts_u10p6	1664
k_LVCNotDetect_ms_u16p0	24983
k_LVHSCDetect_Volts_u10p6	1920
k_LVHSCDetect_ms_u16p0	29569
k_LVHSCNotDetect_Volts_u10p6	1664
k_LVHSCNotDetect_ms_u16p0	28819
k_LVHSDetect_Volts_u10p6	1344
k_LVHSDetect_ms_u16p0	19949
k_LVHSNotDetect_Volts_u10p6	1664
k_LVHSNotDetect_ms_u16p0	29222
k_LVLSCDetect_Volts_u10p6	1344
k_LVLSCDetect_ms_u16p0	10199
k_LVLSCNotDetect_Volts_u10p6	1664
k_LVLSCNotDetect_ms_u16p0	21298
k_LVLSDetect_Volts_u10p6	1344
k_LVLSDetect_ms_u16p0	54733
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	5171
k_LVSMDetect_Volts_u10p6	1344
k_LVSMDetect_ms_u16p0	61527
k_LVSMNotDetect_Volts_u10p6	1664
k_LVSMNotDetect_ms_u16p0	20929
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.7062206
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	169.03801
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56661
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1348980736
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32

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CustBattDiag\_Per2

Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1348980736	1348980736	✓
CustBattDiag_LOISet_ms_M_u32p0	1348980736	1348980736	✓
CustBattDiag_LVCClr_ms_M_u32p0	121440256	121440256	✓
CustBattDiag_LVCSet_ms_M_u32p0	3571132928	3571132928	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3428305920	3428305920	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1932299776	1932299776	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3938924544	3938924544	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3565395968	3565395968	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2405007872	2405007872	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2336089088	2336089088	✓
CustBattDiag_LVLSSet_ms_M_u32p0	792094208	792094208	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2199827456	2199827456	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1238873600	1238873600	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.135 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1177099008	
CustBattDiag_LOISet_ms_M_u32p0	4294967295	
CustBattDiag_LVCClr_ms_M_u32p0	3423054592	
CustBattDiag_LVCSet_ms_M_u32p0	4264903936	
CustBattDiag_LVHSCClr_ms_M_u32p0	1288134400	
CustBattDiag_LVHSCSet_ms_M_u32p0	2513508608	
CustBattDiag_LVHSCClr_ms_M_u32p0	1177099008	
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	
CustBattDiag_LVLSCClr_ms_M_u32p0	1553195776	
CustBattDiag_LVLSCSet_ms_M_u32p0	1444560128	
CustBattDiag_LVLSCClr_ms_M_u32p0	3866433280	
CustBattDiag_LVLSSet_ms_M_u32p0	1997771008	
CustBattDiag_LVSMClr_ms_M_u32p0	1175627520	
CustBattDiag_LVSMSet_ms_M_u32p0	275751168	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0	
k_CustBattDiagLOIspd_kph_f32	341.547821	
k_CustBattDiaghispd_kph_f32	17.2509441	
k_CustBattDiaglospd_kph_f32	76.5364914	
k_LOIDetect_ms_u16p0	26062	
k_LOINotDetect_ms_u16p0	25518	
k_LVCDetect_Volts_u10p6	640	
k_LVCDetect_ms_u16p0	52844	
k_LVCNotDetect_Volts_u10p6	1280	
k_LVCNotDetect_ms_u16p0	3033	
k_LVHSCDetect_Volts_u10p6	640	
k_LVHSCDetect_ms_u16p0	28385	
k_LVHSCNotDetect_Volts_u10p6	1280	
k_LVHSCNotDetect_ms_u16p0	19364	
k_LVHSDetect_Volts_u10p6	640	
k_LVHSDetect_ms_u16p0	32830	
k_LVHSNotDetect_Volts_u10p6	1280	
k_LVHSNotDetect_ms_u16p0	13962	
k_LVLSCDetect_Volts_u10p6	640	
k_LVLSCDetect_ms_u16p0	2319	
k_LVLSCNotDetect_Volts_u10p6	1280	
k_LVLSCNotDetect_ms_u16p0	26486	
k_LVLSDetect_Volts_u10p6	640	

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Name	Input Value
k_LVLSDetect_ms_u16p0	42447
k_LVLSNotDetect_Volts_u10p6	1280
k_LVLSNotDetect_ms_u16p0	43540
k_LVSMDetect_Volts_u10p6	640
k_LVSMDetect_ms_u16p0	37073
k_LVSMNotDetect_Volts_u10p6	1280
k_LVSMNotDetect_ms_u16p0	60170
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.7127361
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	411.416809
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5655
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4121383680
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4121383680	4121383680	✓
CustBattDiag_LOISet_ms_M_u32p0	4121383680	4121383680	✓
CustBattDiag_LVCClr_ms_M_u32p0	3423054592	3423054592	✓
CustBattDiag_LVCSet_ms_M_u32p0	4264903936	4264903936	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1288134400	1288134400	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2513508608	2513508608	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1177099008	1177099008	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1553195776	1553195776	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1444560128	1444560128	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	3866433280	3866433280	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1997771008	1997771008	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1175627520	1175627520	✓
CustBattDiag_LVSMSet_ms_M_u32p0	275751168	275751168	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.136 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2337239552
CustBattDiag_LOISet_ms_M_u32p0	3706708992
CustBattDiag_LVCClr_ms_M_u32p0	1744028160
CustBattDiag_LVCSet_ms_M_u32p0	542307328
CustBattDiag_LVHSCClr_ms_M_u32p0	3045369344
CustBattDiag_LVHSCSet_ms_M_u32p0	1104115712
CustBattDiag_LVHSClr_ms_M_u32p0	2337239552
CustBattDiag_LVHSCSet_ms_M_u32p0	3706708992
CustBattDiag_LVLSCClr_ms_M_u32p0	1294932480
CustBattDiag_LVLSSet_ms_M_u32p0	42208256
CustBattDiag_LVLSCLR_ms_M_u32p0	3847978496
CustBattDiag_LVLSSet_ms_M_u32p0	3722973184
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560
CustBattDiag_LVSMSet_ms_M_u32p0	1444143104
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	25.3623657
k_CustBattDiaghispd_kph_f32	309.222412
k_CustBattDiaglospd_kph_f32	390.934235
k_LOIDetect_ms_u16p0	62567
k_LOINotDetect_ms_u16p0	28896

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CustBattDiag\_Per2

Name	Input Value		
k_LVCDetect_Volts_u10p6	1664		
k_LVCDetect_ms_u16p0	2573		
k_LVCNotDetect_Volts_u10p6	1344		
k_LVCNotDetect_ms_u16p0	15327		
k_LVHSCDetect_Volts_u10p6	384		
k_LVHSCDetect_ms_u16p0	26734		
k_LVHSCNotDetect_Volts_u10p6	1344		
k_LVHSCNotDetect_ms_u16p0	13885		
k_LVHSDetect_Volts_u10p6	1664		
k_LVHSDetect_ms_u16p0	53879		
k_LVHSNotDetect_Volts_u10p6	1344		
k_LVHSNotDetect_ms_u16p0	9900		
k_LVLSCDetect_Volts_u10p6	1664		
k_LVLSCDetect_ms_u16p0	13397		
k_LVLSCNotDetect_Volts_u10p6	1344		
k_LVLSCNotDetect_ms_u16p0	22453		
k_LVLSDetect_Volts_u10p6	1664		
k_LVLSDetect_ms_u16p0	59955		
k_LVLSNotDetect_Volts_u10p6	1344		
k_LVLSNotDetect_ms_u16p0	32510		
k_LVSMDetect_Volts_u10p6	1664		
k_LVSMDetect_ms_u16p0	63823		
k_LVSMNotDetect_Volts_u10p6	1344		
k_LVSMNotDetect_ms_u16p0	20283		
target_CustBattDiag_Per2_Batt_Volt_f32.value	14.1898336		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	84.6545792		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	33981		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	1538574848		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1538574848	1538574848	✔
CustBattDiag_LOISet_ms_M_u32p0	1538574848	1538574848	✔
CustBattDiag_LVCClr_ms_M_u32p0	1744028160	1744028160	✔
CustBattDiag_LVCSet_ms_M_u32p0	542307328	542307328	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3045369344	3045369344	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1104115712	1104115712	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2337239552	2337239552	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3706708992	3706708992	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1294932480	1294932480	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	42208256	42208256	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3847978496	3847978496	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3722973184	3722973184	✔
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560	4039298560	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1444143104	1444143104	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.137 (Repeat Count = 1)		✔
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	0	
CustBattDiag_LOISet_ms_M_u32p0	2265470720	
CustBattDiag_LVCClr_ms_M_u32p0	88833280	
CustBattDiag_LVCSet_ms_M_u32p0	2406868736	
CustBattDiag_LVHSCClr_ms_M_u32p0	3978875136	
CustBattDiag_LVHSCSet_ms_M_u32p0	2987416320	
CustBattDiag_LVHSCClr_ms_M_u32p0	0	

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Name	Input Value		
CustBattDiag_LVHSSet_ms_M_u32p0	2265470720		
CustBattDiag_LVLSCClr_ms_M_u32p0	284783872		
CustBattDiag_LVLSCSet_ms_M_u32p0	2873270016		
CustBattDiag_LVLSCLR_ms_M_u32p0	3875817728		
CustBattDiag_LVLSSet_ms_M_u32p0	2653328128		
CustBattDiag_LVSMClr_ms_M_u32p0	1175345408		
CustBattDiag_LVSMSet_ms_M_u32p0	1759716096		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	46.8303299		
k_CustBattDiaghispd_kph_f32	43.967144		
k_CustBattDiaglospd_kph_f32	110.251198		
k_LOIDetect_ms_u16p0	29336		
k_LOINotDetect_ms_u16p0	64229		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	17189		
k_LVCNotDetect_Volts_u10p6	1472		
k_LVCNotDetect_ms_u16p0	20327		
k_LVHSCDetect_Volts_u10p6	1792		
k_LVHSCDetect_ms_u16p0	26818		
k_LVHSCNotDetect_Volts_u10p6	1472		
k_LVHSCNotDetect_ms_u16p0	13070		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	53319		
k_LVHSNotDetect_Volts_u10p6	1472		
k_LVHSNotDetect_ms_u16p0	52834		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	62910		
k_LVLSCNotDetect_Volts_u10p6	1472		
k_LVLSCNotDetect_ms_u16p0	12244		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	44995		
k_LVLSNotDetect_Volts_u10p6	1472		
k_LVLSNotDetect_ms_u16p0	27804		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	37393		
k_LVSMNotDetect_Volts_u10p6	1472		
k_LVSMNotDetect_ms_u16p0	49796		
target_CustBattDiag_Per2_Batt_Volt_f32.value	17.8311119		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	473.006165		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	40453		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1479042304		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1479042304	1479042304	✔
CustBattDiag_LOISet_ms_M_u32p0	1479042304	1479042304	✔
CustBattDiag_LVCClr_ms_M_u32p0	1479042304	1479042304	✔
CustBattDiag_LVCSet_ms_M_u32p0	1479042304	1479042304	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1479042304	1479042304	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2987416320	2987416320	✔
CustBattDiag_LVHSClr_ms_M_u32p0	0	0	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2265470720	2265470720	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1479042304	1479042304	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1479042304	1479042304	✔
CustBattDiag_LVLSCLR_ms_M_u32p0	3875817728	3875817728	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2653328128	2653328128	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1175345408	1175345408	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1759716096	1759716096	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x01	0x01	✔

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Name	Actual Value	Expected Value	Result
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.138 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	1621212672
CustBattDiag_LVCClr_ms_M_u32p0	1240484864
CustBattDiag_LVCSet_ms_M_u32p0	2979597824
CustBattDiag_LVHSCClr_ms_M_u32p0	1621643264
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	1621212672
CustBattDiag_LVLSCClr_ms_M_u32p0	1959158784
CustBattDiag_LVLSCSet_ms_M_u32p0	2534598144
CustBattDiag_LVLSCClr_ms_M_u32p0	1458956288
CustBattDiag_LVLSCSet_ms_M_u32p0	1865878016
CustBattDiag_LVSMClr_ms_M_u32p0	3055007744
CustBattDiag_LVSMSet_ms_M_u32p0	1967217152
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	423.129242
k_CustBattDiaghispd_kph_f32	1.69305861
k_CustBattDiaglospd_kph_f32	215.20723
k_LOIDetect_ms_u16p0	27152
k_LOINotDetect_ms_u16p0	47105
k_LVCDetect_Volts_u10p6	512
k_LVCDetect_ms_u16p0	50153
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	39420
k_LVHSCDetect_Volts_u10p6	384
k_LVHSCDetect_ms_u16p0	37076
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	30407
k_LVHSDetect_Volts_u10p6	512
k_LVHSDetect_ms_u16p0	59748
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	57067
k_LVLSCDetect_Volts_u10p6	512
k_LVLSCDetect_ms_u16p0	55246
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	7396
k_LVLSDetect_Volts_u10p6	512
k_LVLSDetect_ms_u16p0	38623
k_LVLSNotDetect_Volts_u10p6	1984
k_LVLSNotDetect_ms_u16p0	52909
k_LVSMDetect_Volts_u10p6	512
k_LVSMDetect_ms_u16p0	16662
k_LVSMNotDetect_Volts_u10p6	1984



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Name	Input Value
k_LVSMNotDetect_ms_u16p0	63763
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.0020676
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	282.194244
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	4729
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1190761472
target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1190761472	1190761472	✓
CustBattDiag_LOISet_ms_M_u32p0	1190761472	1190761472	✓
CustBattDiag_LVCClr_ms_M_u32p0	1240484864	1240484864	✓
CustBattDiag_LVCSet_ms_M_u32p0	2979597824	2979597824	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1621643264	1621643264	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280	4103713280	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1621212672	1621212672	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1959158784	1959158784	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2534598144	2534598144	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1458956288	1458956288	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1865878016	1865878016	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3055007744	3055007744	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1967217152	1967217152	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.139 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	962533120
CustBattDiag_LOISet_ms_M_u32p0	1580304640
CustBattDiag_LVCClr_ms_M_u32p0	3590184704
CustBattDiag_LVCSet_ms_M_u32p0	747346176
CustBattDiag_LVHSCClr_ms_M_u32p0	1726337792
CustBattDiag_LVHSCSet_ms_M_u32p0	2736368896
CustBattDiag_LVHSCClr_ms_M_u32p0	962533120
CustBattDiag_LVHSCSet_ms_M_u32p0	1580304640
CustBattDiag_LVLSCClr_ms_M_u32p0	3957036800
CustBattDiag_LVLSCSet_ms_M_u32p0	1367216384
CustBattDiag_LVLSCClr_ms_M_u32p0	1482492672
CustBattDiag_LVLSSet_ms_M_u32p0	4137788672
CustBattDiag_LVSMClr_ms_M_u32p0	3325532928
CustBattDiag_LVSMSet_ms_M_u32p0	2982327552
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOlspd_kph_f32	376.811523
k_CustBattDiaghispd_kph_f32	173.822388
k_CustBattDiaglospd_kph_f32	412.305878
k_LOIDetect_ms_u16p0	23942
k_LOINotDetect_ms_u16p0	7977
k_LVCDetect_Volts_u10p6	768
k_LVCDetect_ms_u16p0	60794
k_LVCNotDetect_Volts_u10p6	576
k_LVCNotDetect_ms_u16p0	55994
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	52602

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CustBattDiag\_Per2

Name	Input Value
k_LVHSCNotDetect_Volts_u10p6	576
k_LVHSCNotDetect_ms_u16p0	44313
k_LVHSDetect_Volts_u10p6	768
k_LVHSDetect_ms_u16p0	38505
k_LVHSNotDetect_Volts_u10p6	576
k_LVHSNotDetect_ms_u16p0	17997
k_LVLSCDetect_Volts_u10p6	768
k_LVLSCDetect_ms_u16p0	61116
k_LVLSCNotDetect_Volts_u10p6	576
k_LVLSCNotDetect_ms_u16p0	42354
k_LVLSDetect_Volts_u10p6	768
k_LVLSDetect_ms_u16p0	27175
k_LVLSNotDetect_Volts_u10p6	576
k_LVLSNotDetect_ms_u16p0	55222
k_LVSMDetect_Volts_u10p6	768
k_LVSMDetect_ms_u16p0	63523
k_LVSMNotDetect_Volts_u10p6	576
k_LVSMNotDetect_ms_u16p0	21538
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.2673378
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	336.588959
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42042
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2114062080
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2114062080	2114062080	✓
CustBattDiag_LOISet_ms_M_u32p0	2114062080	2114062080	✓
CustBattDiag_LVCClr_ms_M_u32p0	3590184704	3590184704	✓
CustBattDiag_LVCSet_ms_M_u32p0	747346176	747346176	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1726337792	1726337792	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2736368896	2736368896	✓
CustBattDiag_LVHSClr_ms_M_u32p0	962533120	962533120	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2114062080	2114062080	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3957036800	3957036800	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1367216384	1367216384	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1482492672	1482492672	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2114062080	2114062080	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3325532928	3325532928	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2982327552	2982327552	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE1	0xE1	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

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Test Step 2.140 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		3135493632		
CustBattDiag_LOISet_ms_M_u32p0		913188864		
CustBattDiag_LVCClr_ms_M_u32p0		333522432		
CustBattDiag_LVCSet_ms_M_u32p0		2275407872		
CustBattDiag_LVHSCClr_ms_M_u32p0		569985536		
CustBattDiag_LVHSCSet_ms_M_u32p0		2772810752		
CustBattDiag_LVHSClr_ms_M_u32p0		3135493632		
CustBattDiag_LVHSSet_ms_M_u32p0		913188864		
CustBattDiag_LVLSCClr_ms_M_u32p0		2401762816		
CustBattDiag_LVLSCSet_ms_M_u32p0		413700096		
CustBattDiag_LVLSClr_ms_M_u32p0		1349755392		
CustBattDiag_LVLSSet_ms_M_u32p0		0		
CustBattDiag_LVSMClr_ms_M_u32p0		1696854528		
CustBattDiag_LVSMSet_ms_M_u32p0		1198171136		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		0		
k_CustBattDiagLOIspd_kph_f32		313.965118		
k_CustBattDiaghispd_kph_f32		258.950714		
k_CustBattDiaglospd_kph_f32		305.047211		
k_LOIDetect_ms_u16p0		25999		
k_LOINotDetect_ms_u16p0		65085		
k_LVCDetect_Volts_u10p6		192		
k_LVCDetect_ms_u16p0		56628		
k_LVCNotDetect_Volts_u10p6		1152		
k_LVCNotDetect_ms_u16p0		42762		
k_LVHSCDetect_Volts_u10p6		1536		
k_LVHSCDetect_ms_u16p0		26868		
k_LVHSCNotDetect_Volts_u10p6		1152		
k_LVHSCNotDetect_ms_u16p0		62895		
k_LVHSDetect_Volts_u10p6		192		
k_LVHSDetect_ms_u16p0		5701		
k_LVHSNotDetect_Volts_u10p6		1152		
k_LVHSNotDetect_ms_u16p0		13618		
k_LVLSCDetect_Volts_u10p6		192		
k_LVLSCDetect_ms_u16p0		58012		
k_LVLSCLNotDetect_Volts_u10p6		1152		
k_LVLSCLNotDetect_ms_u16p0		3219		
k_LVLSDetect_Volts_u10p6		192		
k_LVLSDetect_ms_u16p0		50811		
k_LVLSNotDetect_Volts_u10p6		1152		
k_LVLSNotDetect_ms_u16p0		7912		
k_LVSMDetect_Volts_u10p6		192		
k_LVSMDetect_ms_u16p0		63143		
k_LVSMNotDetect_Volts_u10p6		1152		
k_LVSMNotDetect_ms_u16p0		14017		
target_CustBattDiag_Per2_Batt_Volt_f32.value		23.9496136		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value		1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		14		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value		1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		156.465591		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		37282		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		3195317760		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc		target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc		target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	3195317760	3195317760		
CustBattDiag_LOISet_ms_M_u32p0	3195317760	3195317760		
CustBattDiag_LVCClr_ms_M_u32p0	333522432	333522432		
CustBattDiag_LVCSet_ms_M_u32p0	2275407872	2275407872		
CustBattDiag_LVHSCClr_ms_M_u32p0	569985536	569985536		
CustBattDiag_LVHSCSet_ms_M_u32p0	3195317760	3195317760		
CustBattDiag_LVHSClr_ms_M_u32p0	3135493632	3135493632		

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	913188864	913188864	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2401762816	2401762816	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3195317760	3195317760	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	1349755392	1349755392	✓
CustBattDiag_LVLSSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1696854528	1696854528	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1198171136	1198171136	✓
NTC_Cnt_T_enum	0xE4	0xE4	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 2.141 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2513125632
CustBattDiag_LOISet_ms_M_u32p0	3941878528
CustBattDiag_LVCClr_ms_M_u32p0	3826471168
CustBattDiag_LVCSet_ms_M_u32p0	3265190656
CustBattDiag_LVHSCClr_ms_M_u32p0	3076187392
CustBattDiag_LVHSCSet_ms_M_u32p0	633179904
CustBattDiag_LVHSClr_ms_M_u32p0	2513125632
CustBattDiag_LVHSSet_ms_M_u32p0	3941878528
CustBattDiag_LVLSCClr_ms_M_u32p0	3147745536
CustBattDiag_LVLSCSet_ms_M_u32p0	2414154496
CustBattDiag_LVLSCLR_ms_M_u32p0	2739657984
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295
CustBattDiag_LVSMClr_ms_M_u32p0	1249570048
CustBattDiag_LVSMSet_ms_M_u32p0	1424938752
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	178.090714
k_CustBattDiaghispd_kph_f32	90.7043686
k_CustBattDiaglospd_kph_f32	296.898834
k_LOIDetect_ms_u16p0	22063
k_LOINotDetect_ms_u16p0	21343
k_LVCDetect_Volts_u10p6	1728
k_LVCDetect_ms_u16p0	30914
k_LVCNotDetect_Volts_u10p6	1344
k_LVCNotDetect_ms_u16p0	50806
k_LVHSCDetect_Volts_u10p6	1792
k_LVHSCDetect_ms_u16p0	21057
k_LVHSCNotDetect_Volts_u10p6	1344
k_LVHSCNotDetect_ms_u16p0	35144
k_LVHSDetect_Volts_u10p6	1728
k_LVHSDetect_ms_u16p0	45549
k_LVHSNotDetect_Volts_u10p6	1344
k_LVHSNotDetect_ms_u16p0	10591
k_LVLSCDetect_Volts_u10p6	1728
k_LVLSCDetect_ms_u16p0	3321
k_LVLSCNotDetect_Volts_u10p6	1344
k_LVLSCNotDetect_ms_u16p0	1227
k_LVLSDetect_Volts_u10p6	1728
k_LVLSDetect_ms_u16p0	57084
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	21101

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Name	Input Value		
k_LVSMDetect_Volts_u10p6	1728		
k_LVSMDetect_ms_u16p0	16408		
k_LVSMNotDetect_Volts_u10p6	1344		
k_LVSMNotDetect_ms_u16p0	58241		
target_CustBattDiag_Per2_Batt_Volt_f32.value	15.0310202		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	330.841003		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	37221		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2088286464		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2088286464	2088286464	✔
CustBattDiag_LOISet_ms_M_u32p0	2088286464	2088286464	✔
CustBattDiag_LVCClr_ms_M_u32p0	3826471168	3826471168	✔
CustBattDiag_LVCSet_ms_M_u32p0	3265190656	3265190656	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3076187392	3076187392	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	633179904	633179904	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2513125632	2513125632	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3941878528	3941878528	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3147745536	3147745536	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2414154496	2414154496	✔
CustBattDiag_LVLSCLR_ms_M_u32p0	2739657984	2739657984	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1249570048	1249570048	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1424938752	1424938752	✔

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.142 (Repeat Count = 1)	Name	Input Value
	CustBattDiag_LOIClr_ms_M_u32p0	1015087104
	CustBattDiag_LOISet_ms_M_u32p0	95281664
	CustBattDiag_LVCClr_ms_M_u32p0	1172885504
	CustBattDiag_LVCSet_ms_M_u32p0	485372416
	CustBattDiag_LVHSCClr_ms_M_u32p0	325194752
	CustBattDiag_LVHSCSet_ms_M_u32p0	4284618240
	CustBattDiag_LVHSCClr_ms_M_u32p0	1015087104
	CustBattDiag_LVHSCSet_ms_M_u32p0	95281664
	CustBattDiag_LVLSCClr_ms_M_u32p0	1663461376
	CustBattDiag_LVLSCSet_ms_M_u32p0	3019606528
	CustBattDiag_LVLSCLR_ms_M_u32p0	1768893440
	CustBattDiag_LVLSSET_ms_M_u32p0	345865728
	CustBattDiag_LVSMClr_ms_M_u32p0	3290561536
	CustBattDiag_LVSMSet_ms_M_u32p0	2968403456
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
	k_CustBattDiagLOIspd_kph_f32	244.392288
	k_CustBattDiaghiispd_kph_f32	301.965027
	k_CustBattDiaglospd_kph_f32	509.554565
	k_LOIDetect_ms_u16p0	23068
	k_LOINotDetect_ms_u16p0	60645
	k_LVCDetect_Volts_u10p6	896
	k_LVCDetect_ms_u16p0	21988
	k_LVCNotDetect_Volts_u10p6	576

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Name	Input Value		
k_LVCNotDetect_ms_u16p0	19230		
k_LVHSCDetect_Volts_u10p6	512		
k_LVHSCDetect_ms_u16p0	21285		
k_LVHSCNotDetect_Volts_u10p6	576		
k_LVHSCNotDetect_ms_u16p0	63080		
k_LVHSDetect_Volts_u10p6	896		
k_LVHSDetect_ms_u16p0	32066		
k_LVHSNotDetect_Volts_u10p6	576		
k_LVHSNotDetect_ms_u16p0	31300		
k_LVLSCDetect_Volts_u10p6	896		
k_LVLSCDetect_ms_u16p0	27631		
k_LVLSCNotDetect_Volts_u10p6	576		
k_LVLSCNotDetect_ms_u16p0	846		
k_LVLSDetect_Volts_u10p6	896		
k_LVLSDetect_ms_u16p0	64773		
k_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	3208		
k_LVSMDetect_Volts_u10p6	896		
k_LVSMDetect_ms_u16p0	34000		
k_LVSMNotDetect_Volts_u10p6	576		
k_LVSMNotDetect_ms_u16p0	20335		
target_CustBattDiag_Per2_Batt_Volt_f32.value	15.7145958		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	104.136345		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10792		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	878221312		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	878221312	878221312	✔
CustBattDiag_LOISet_ms_M_u32p0	878221312	878221312	✔
CustBattDiag_LVCClr_ms_M_u32p0	1172885504	1172885504	✔
CustBattDiag_LVCSet_ms_M_u32p0	485372416	485372416	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	325194752	325194752	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	878221312	878221312	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1015087104	1015087104	✔
CustBattDiag_LVHSSet_ms_M_u32p0	95281664	95281664	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1663461376	1663461376	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	878221312	878221312	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1768893440	1768893440	✔
CustBattDiag_LVLSSet_ms_M_u32p0	345865728	345865728	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3290561536	3290561536	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2968403456	2968403456	✔
NTC_Cnt_T_enum	0xE4	0xE4	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

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CustBattDiag\_Per2

## Test Step 2.143 (Repeat Count = 1)



Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1377551104
CustBattDiag_LOISet_ms_M_u32p0	1016929536
CustBattDiag_LVCClr_ms_M_u32p0	1495552768
CustBattDiag_LVCSet_ms_M_u32p0	471608576
CustBattDiag_LVHSCClr_ms_M_u32p0	1523091200
CustBattDiag_LVHSCSet_ms_M_u32p0	2437972224
CustBattDiag_LVHSCClr_ms_M_u32p0	1377551104
CustBattDiag_LVHSCSet_ms_M_u32p0	1016929536
CustBattDiag_LVLSCClr_ms_M_u32p0	2513144576
CustBattDiag_LVLSCSet_ms_M_u32p0	3662947584
CustBattDiag_LVLSCClr_ms_M_u32p0	0
CustBattDiag_LVLSCSet_ms_M_u32p0	1154873600
CustBattDiag_LVSMClr_ms_M_u32p0	2317930240
CustBattDiag_LVSMSet_ms_M_u32p0	1061947648
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	396.139862
k_CustBattDiaghispd_kph_f32	131.805542
k_CustBattDiaglospd_kph_f32	172.643021
k_LOIDetect_ms_u16p0	64752
k_LOINotDetect_ms_u16p0	1421
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	57114
k_LVCNotDetect_Volts_u10p6	1792
k_LVCNotDetect_ms_u16p0	50276
k_LVHSCDetect_Volts_u10p6	1216
k_LVHSCDetect_ms_u16p0	18965
k_LVHSCNotDetect_Volts_u10p6	1792
k_LVHSCNotDetect_ms_u16p0	59206
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	28767
k_LVHSNotDetect_Volts_u10p6	1792
k_LVHSNotDetect_ms_u16p0	44880
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	58600
k_LVLSCNotDetect_Volts_u10p6	1792
k_LVLSCNotDetect_ms_u16p0	578
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	40006
k_LVLSNotDetect_Volts_u10p6	1792
k_LVLSNotDetect_ms_u16p0	36916
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	33668
k_LVSMNotDetect_Volts_u10p6	1792
k_LVSMNotDetect_ms_u16p0	25887



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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1016929536	1016929536	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3874814720	3874814720	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3874814720	3874814720	✓
CustBattDiag_LVLSClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1154873600	1154873600	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2317930240	2317930240	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1061947648	1061947648	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.144 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3826743808
CustBattDiag_LOISet_ms_M_u32p0	1920691200
CustBattDiag_LVCClr_ms_M_u32p0	1698548224
CustBattDiag_LVCSets_ms_M_u32p0	1681800192
CustBattDiag_LVHSCClr_ms_M_u32p0	1646341632
CustBattDiag_LVHSCSet_ms_M_u32p0	4008787968
CustBattDiag_LVHSClr_ms_M_u32p0	3826743808
CustBattDiag_LVHSSet_ms_M_u32p0	1920691200
CustBattDiag_LVLSCClr_ms_M_u32p0	1915232768
CustBattDiag_LVLSCSet_ms_M_u32p0	527848448
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	3762345984
CustBattDiag_LVSMClr_ms_M_u32p0	2401261056
CustBattDiag_LVSMSet_ms_M_u32p0	488548352
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	395.877838
k_CustBattDiaghispd_kph_f32	501.854004
k_CustBattDiaglospd_kph_f32	248.148331
k_LOIDetect_ms_u16p0	30881
k_LOINotDetect_ms_u16p0	64481
k_LVCDetect_Volts_u10p6	448
k_LVCNotDetect_ms_u16p0	20899
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	13020
k_LVHSCDetect_Volts_u10p6	192
k_LVHSCDetect_ms_u16p0	59507
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	23544
k_LVHSDetect_Volts_u10p6	448
k_LVHSDetect_ms_u16p0	1973
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	35064
k_LVLSCDetect_Volts_u10p6	448
k_LVLSCDetect_ms_u16p0	10345
k_LVLSCNotDetect_Volts_u10p6	256
k_LVLSCNotDetect_ms_u16p0	1524
k_LVLSDetect_Volts_u10p6	448
k_LVLSDetect_ms_u16p0	17008
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	57149
k_LVSMDetect_Volts_u10p6	448
k_LVSMDetect_ms_u16p0	37076

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Name	Input Value
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	1947
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.2329788
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	368.732025
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10093
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	812372480
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	812372480	812372480	✓
CustBattDiag_LOISet_ms_M_u32p0	812372480	812372480	✓
CustBattDiag_LVCClr_ms_M_u32p0	1698548224	1698548224	✓
CustBattDiag_LVCSet_ms_M_u32p0	1681800192	1681800192	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1646341632	1646341632	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4008787968	4008787968	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3826743808	3826743808	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1920691200	1920691200	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1915232768	1915232768	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	527848448	527848448	✓
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3762345984	3762345984	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2401261056	2401261056	✓
CustBattDiag_LVSMSet_ms_M_u32p0	488548352	488548352	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.145 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3854587136
CustBattDiag_LOISet_ms_M_u32p0	4040982272
CustBattDiag_LVCClr_ms_M_u32p0	2676843776
CustBattDiag_LVCSet_ms_M_u32p0	1792282368
CustBattDiag_LVHSCClr_ms_M_u32p0	3815979264
CustBattDiag_LVHSCSet_ms_M_u32p0	1271595776
CustBattDiag_LVHSClr_ms_M_u32p0	3854587136
CustBattDiag_LVHSCSet_ms_M_u32p0	4040982272
CustBattDiag_LVLSCClr_ms_M_u32p0	2955828480
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888
CustBattDiag_LVLSClr_ms_M_u32p0	3778955520
CustBattDiag_LVLSSet_ms_M_u32p0	3560717056
CustBattDiag_LVSMClr_ms_M_u32p0	2870329600
CustBattDiag_LVSMSet_ms_M_u32p0	2564999936
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	153.909424
k_CustBattDiaghispd_kph_f32	165.686096
k_CustBattDiaglospd_kph_f32	358.507843
k_LOIDetect_ms_u16p0	35082
k_LOINotDetect_ms_u16p0	34818
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	32642
k_LVCNotDetect_Volts_u10p6	192
k_LVCNotDetect_ms_u16p0	34960
k_LVHSCDetect_Volts_u10p6	448

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Name	Input Value
k_LVHSCDetect_ms_u16p0	13269
k_LVHSCNotDetect_Volts_u10p6	192
k_LVHSCNotDetect_ms_u16p0	22525
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	40879
k_LVHSCNotDetect_Volts_u10p6	192
k_LVHSCNotDetect_ms_u16p0	49566
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	675
k_LVLSCNotDetect_Volts_u10p6	192
k_LVLSCNotDetect_ms_u16p0	10553
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	29741
k_LVLSNotDetect_Volts_u10p6	192
k_LVLSNotDetect_ms_u16p0	37885
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	64672
k_LVSMNotDetect_Volts_u10p6	192
k_LVSMNotDetect_ms_u16p0	42371
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.0000143
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	498.735291
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3862
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1612926208
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1612926208	1612926208	✓
CustBattDiag_LOISet_ms_M_u32p0	1612926208	1612926208	✓
CustBattDiag_LVCClr_ms_M_u32p0	2676843776	2676843776	✓
CustBattDiag_LVCSet_ms_M_u32p0	1792282368	1792282368	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3815979264	3815979264	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1271595776	1271595776	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3854587136	3854587136	✓
CustBattDiag_LVHSSet_ms_M_u32p0	4040982272	4040982272	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2955828480	2955828480	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888	3616261888	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3778955520	3778955520	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3560717056	3560717056	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2870329600	2870329600	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2564999936	2564999936	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.146 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	703710208	
CustBattDiag_LOISet_ms_M_u32p0	96814592	
CustBattDiag_LVCClr_ms_M_u32p0	1154126848	
CustBattDiag_LVCSet_ms_M_u32p0	2854131200	
CustBattDiag_LVHSCClr_ms_M_u32p0	157882368	
CustBattDiag_LVHSCSet_ms_M_u32p0	3288971776	
CustBattDiag_LVHSClr_ms_M_u32p0	703710208	
CustBattDiag_LVHSSet_ms_M_u32p0	96814592	
CustBattDiag_LVLSCClr_ms_M_u32p0	3972508672	
CustBattDiag_LVLSCSet_ms_M_u32p0	148336128	
CustBattDiag_LVLSClr_ms_M_u32p0	51228672	
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	

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Name	Input Value		
CustBattDiag_LVSMClr_ms_M_u32p0	1184989184		
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOIspd_kph_f32	293.515503		
k_CustBattDiaghispd_kph_f32	359.194885		
k_CustBattDiaglospd_kph_f32	267.24054		
k_LOIDetect_ms_u16p0	48476		
k_LOINotDetect_ms_u16p0	1610		
k_LVCDetect_Volts_u10p6	1408		
k_LVCDetect_ms_u16p0	21874		
k_LVCNotDetect_Volts_u10p6	0		
k_LVCNotDetect_ms_u16p0	5153		
k_LVHSCDetect_Volts_u10p6	960		
k_LVHSCDetect_ms_u16p0	52794		
k_LVHSCNotDetect_Volts_u10p6	0		
k_LVHSCNotDetect_ms_u16p0	50586		
k_LVHSDetect_Volts_u10p6	1408		
k_LVHSDetect_ms_u16p0	44491		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_ms_u16p0	14039		
k_LVLSCDetect_Volts_u10p6	1408		
k_LVLSCDetect_ms_u16p0	30144		
k_LVLSCNotDetect_Volts_u10p6	0		
k_LVLSCNotDetect_ms_u16p0	42070		
k_LVLSDetect_Volts_u10p6	1408		
k_LVLSDetect_ms_u16p0	25154		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	41		
k_LVSMDetect_Volts_u10p6	1408		
k_LVSMDetect_ms_u16p0	60938		
k_LVSMNotDetect_Volts_u10p6	0		
k_LVSMNotDetect_ms_u16p0	43960		
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.100338		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	392.62265		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	13287		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	480828416		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	480828416	480828416	✔
CustBattDiag_LOISet_ms_M_u32p0	480828416	480828416	✔
CustBattDiag_LVCClr_ms_M_u32p0	1154126848	1154126848	✔
CustBattDiag_LVCSet_ms_M_u32p0	480828416	480828416	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	157882368	157882368	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	480828416	480828416	✔
CustBattDiag_LVHSClr_ms_M_u32p0	703710208	703710208	✔
CustBattDiag_LVHSSet_ms_M_u32p0	96814592	96814592	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3972508672	3972508672	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	480828416	480828416	✔
CustBattDiag_LVLSClr_ms_M_u32p0	51228672	51228672	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	2509640192	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1184989184	1184989184	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232	3588383232	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

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T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.147 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	836335360
CustBattDiag_LOISet_ms_M_u32p0	1189540096
CustBattDiag_LVCClr_ms_M_u32p0	143591168
CustBattDiag_LVCSets_ms_M_u32p0	588972288
CustBattDiag_LVHSCClr_ms_M_u32p0	1237547776
CustBattDiag_LVHSCSet_ms_M_u32p0	3739849984
CustBattDiag_LVHSClr_ms_M_u32p0	836335360
CustBattDiag_LVHSCSet_ms_M_u32p0	1189540096
CustBattDiag_LVLSCClr_ms_M_u32p0	49790720
CustBattDiag_LVLSCSet_ms_M_u32p0	2555410688
CustBattDiag_LVLSClr_ms_M_u32p0	1295364864
CustBattDiag_LVLSCSet_ms_M_u32p0	2846133504
CustBattDiag_LVSMClr_ms_M_u32p0	1438270208
CustBattDiag_LVSMSet_ms_M_u32p0	1040162048
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	447.282135
k_CustBattDiaghispd_kph_f32	267.840851
k_CustBattDiaglospd_kph_f32	174.296265
k_LOIDetect_ms_u16p0	8128
k_LOINotDetect_ms_u16p0	54125
k_LVCDetect_Volts_u10p6	128
k_LVCNotDetect_ms_u16p0	58624
k_LVCNotDetect_Volts_u10p6	1856
k_LVCNotDetect_ms_u16p0	31594
k_LVHSCDetect_Volts_u10p6	1152
k_LVHSCDetect_ms_u16p0	47462
k_LVHSCNotDetect_Volts_u10p6	1856
k_LVHSCNotDetect_ms_u16p0	1983
k_LVHSDetect_Volts_u10p6	128
k_LVHSDetect_ms_u16p0	12627
k_LVHSNotDetect_Volts_u10p6	1856
k_LVHSNotDetect_ms_u16p0	10664
k_LVLSCDetect_Volts_u10p6	128
k_LVLSCDetect_ms_u16p0	18182
k_LVLSCNotDetect_Volts_u10p6	1856
k_LVLSCNotDetect_ms_u16p0	13370
k_LVLSDetect_Volts_u10p6	128
k_LVLSDetect_ms_u16p0	15902
k_LVLSNotDetect_Volts_u10p6	1856
k_LVLSNotDetect_ms_u16p0	52322
k_LVSMDetect_Volts_u10p6	128
k_LVSMDetect_ms_u16p0	43879
k_LVSMNotDetect_Volts_u10p6	1856
k_LVSMNotDetect_ms_u16p0	43348
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.6575813
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0

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Name	Input Value
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	211.956604
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	25104
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3021221632
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3021221632	3021221632	✓
CustBattDiag_LOISet_ms_M_u32p0	3021221632	3021221632	✓
CustBattDiag_LVCClr_ms_M_u32p0	143591168	143591168	✓
CustBattDiag_LVCSet_ms_M_u32p0	588972288	588972288	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1237547776	1237547776	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3739849984	3739849984	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	836335360	836335360	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1189540096	1189540096	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	49790720	49790720	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2555410688	2555410688	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1295364864	1295364864	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2846133504	2846133504	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1438270208	1438270208	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1040162048	1040162048	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.148 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2360237568
CustBattDiag_LOISet_ms_M_u32p0	1944973312
CustBattDiag_LVCClr_ms_M_u32p0	2462952960
CustBattDiag_LVCSet_ms_M_u32p0	2207367168
CustBattDiag_LVHSCClr_ms_M_u32p0	1644188160
CustBattDiag_LVHSCSet_ms_M_u32p0	1937114112
CustBattDiag_LVHSCClr_ms_M_u32p0	2360237568
CustBattDiag_LVHSCSet_ms_M_u32p0	1944973312
CustBattDiag_LVLSCClr_ms_M_u32p0	1282639360
CustBattDiag_LVLSCSet_ms_M_u32p0	4023474176
CustBattDiag_LVLSCClr_ms_M_u32p0	109685248
CustBattDiag_LVLSSet_ms_M_u32p0	3575979008
CustBattDiag_LVSMClr_ms_M_u32p0	1933310464
CustBattDiag_LVSMSet_ms_M_u32p0	408153088
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	288.16507
k_CustBattDiaghispd_kph_f32	324.823486
k_CustBattDiaglospd_kph_f32	495.305054
k_LOIDetect_ms_u16p0	27264
k_LOINotDetect_ms_u16p0	33808
k_LVCDetect_Volts_u10p6	1152
k_LVCNotDetect_Volts_u10p6	29248
k_LVCNotDetect_Volts_u10p6	1600
k_LVHSCDetect_Volts_u10p6	6042
k_LVHSCDetect_Volts_u10p6	1280
k_LVHSCDetect_ms_u16p0	14543
k_LVHSCNotDetect_Volts_u10p6	1600
k_LVHSCNotDetect_ms_u16p0	36956
k_LVHSDetect_Volts_u10p6	1152
k_LVHSDetect_ms_u16p0	3369
k_LVHSNotDetect_Volts_u10p6	1600

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CustBattDiag\_Per2

Name	Input Value
k_LVHSNotDetect_ms_u16p0	18880
k_LVLSCDetect_Volts_u10p6	1152
k_LVLSCDetect_ms_u16p0	50014
k_LVLSCNotDetect_Volts_u10p6	1600
k_LVLSCNotDetect_ms_u16p0	28892
k_LVLSDetect_Volts_u10p6	1152
k_LVLSDetect_ms_u16p0	10294
k_LVLSSNotDetect_Volts_u10p6	1600
k_LVLSSNotDetect_ms_u16p0	9602
k_LVSMDetect_Volts_u10p6	1152
k_LVSMDetect_ms_u16p0	11899
k_LVSMNotDetect_Volts_u10p6	1600
k_LVSMNotDetect_ms_u16p0	28620
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.2237091
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	166.904144
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	29121
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	0	0	✓
CustBattDiag_LOISet_ms_M_u32p0	0	0	✓
CustBattDiag_LVCClr_ms_M_u32p0	2462952960	2462952960	✓
CustBattDiag_LVCSet_ms_M_u32p0	2207367168	2207367168	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2360237568	2360237568	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1944973312	1944973312	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSClr_ms_M_u32p0	109685248	109685248	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3575979008	3575979008	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1933310464	1933310464	✓
CustBattDiag_LVSMSet_ms_M_u32p0	408153088	408153088	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.149 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3823093760	
CustBattDiag_LOISet_ms_M_u32p0	409725440	
CustBattDiag_LVCClr_ms_M_u32p0	3547961344	
CustBattDiag_LVCSet_ms_M_u32p0	833501696	
CustBattDiag_LVHSCClr_ms_M_u32p0	786521088	
CustBattDiag_LVHSCSet_ms_M_u32p0	3696532992	
CustBattDiag_LVHSClr_ms_M_u32p0	3823093760	
CustBattDiag_LVHSCSet_ms_M_u32p0	409725440	
CustBattDiag_LVLSCClr_ms_M_u32p0	3121491968	
CustBattDiag_LVLSCSet_ms_M_u32p0	3584725504	
CustBattDiag_LVLSClr_ms_M_u32p0	3279254528	
CustBattDiag_LVLSSet_ms_M_u32p0	1832678912	
CustBattDiag_LVSMClr_ms_M_u32p0	104481792	
CustBattDiag_LVSMSet_ms_M_u32p0	3462514176	



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CustBattDiag\_Per2

Name	Input Value
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOlspd_kph_f32	18.7045517
k_CustBattDiaghispd_kph_f32	232.028168
k_CustBattDiaglospd_kph_f32	232.497162
k_LOIDetect_ms_u16p0	22483
k_LOINotDetect_ms_u16p0	37013
k_LVCDetect_Volts_u10p6	1280
k_LVCDetect_ms_u16p0	50327
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	36713
k_LVHSCDetect_Volts_u10p6	768
k_LVHSCDetect_ms_u16p0	33558
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	58818
k_LVHSDetect_Volts_u10p6	1280
k_LVHSDetect_ms_u16p0	46212
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	6791
k_LVLSCDetect_Volts_u10p6	1280
k_LVLSCDetect_ms_u16p0	16387
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	13600
k_LVLSDetect_Volts_u10p6	1280
k_LVLSDetect_ms_u16p0	33243
k_LVLSNotDetect_Volts_u10p6	1984
k_LVLSNotDetect_ms_u16p0	56115
k_LVSMDetect_Volts_u10p6	1280
k_LVSMDetect_ms_u16p0	47239
k_LVSMNotDetect_Volts_u10p6	1984
k_LVSMNotDetect_ms_u16p0	52242
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.6882877
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	7
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	68.3304672
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	22649
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	4294967295
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVCClr_ms_M_u32p0	3547961344	3547961344	✓
CustBattDiag_LVCCSet_ms_M_u32p0	833501696	833501696	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	786521088	786521088	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3696532992	3696532992	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3823093760	3823093760	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	409725440	409725440	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3121491968	3121491968	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3584725504	3584725504	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3279254528	3279254528	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1832678912	1832678912	✓
CustBattDiag_LVSMClr_ms_M_u32p0	104481792	104481792	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3462514176	3462514176	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

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CustBattDiag\_Per2

Test Step 2.150 (Repeat Count = 1)				✓
Name	Input Value			
CustBattDiag_LOIClr_ms_M_u32p0	824142592			
CustBattDiag_LOISet_ms_M_u32p0	1719862528			
CustBattDiag_LVCClr_ms_M_u32p0	3448896256			
CustBattDiag_LVCSet_ms_M_u32p0	3355186432			
CustBattDiag_LVHSCClr_ms_M_u32p0	4285181696			
CustBattDiag_LVHSCSet_ms_M_u32p0	3466127616			
CustBattDiag_LVHSClr_ms_M_u32p0	824142592			
CustBattDiag_LVHSCSet_ms_M_u32p0	1719862528			
CustBattDiag_LVLSCClr_ms_M_u32p0	3392418560			
CustBattDiag_LVLSCLSet_ms_M_u32p0	3680963840			
CustBattDiag_LVLSCLr_ms_M_u32p0	1343121152			
CustBattDiag_LVLSCLSet_ms_M_u32p0	692150528			
CustBattDiag_LVSMClr_ms_M_u32p0	1593833216			
CustBattDiag_LVSMSet_ms_M_u32p0	4279333120			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2			
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0			
k_CustBattDiagLOIspd_kph_f32	422.184021			
k_CustBattDiaghispd_kph_f32	438.054138			
k_CustBattDiaglospd_kph_f32	12.1321392			
k_LOIDetect_ms_u16p0	35307			
k_LOINotDetect_ms_u16p0	29598			
k_LVCDetect_Volts_u10p6	1088			
k_LVCDetect_ms_u16p0	2337			
k_LVCNotDetect_Volts_u10p6	1664			
k_LVCNotDetect_ms_u16p0	49313			
k_LVHSCDetect_Volts_u10p6	1152			
k_LVHSCDetect_ms_u16p0	43106			
k_LVHSCNotDetect_Volts_u10p6	1664			
k_LVHSCNotDetect_ms_u16p0	39512			
k_LVHSDetect_Volts_u10p6	1088			
k_LVHSDetect_ms_u16p0	15545			
k_LVHSNotDetect_Volts_u10p6	1664			
k_LVHSNotDetect_ms_u16p0	13224			
k_LVLSCLDetect_Volts_u10p6	1088			
k_LVLSCLDetect_ms_u16p0	17610			
k_LVLSCLNotDetect_Volts_u10p6	1664			
k_LVLSCLNotDetect_ms_u16p0	11246			
k_LVLSDetect_Volts_u10p6	1088			
k_LVLSDetect_ms_u16p0	11749			
k_LVLSNotDetect_Volts_u10p6	1664			
k_LVLSNotDetect_ms_u16p0	34645			
k_LVSMDetect_Volts_u10p6	1088			
k_LVSMDetect_ms_u16p0	52353			
k_LVSMNotDetect_Volts_u10p6	1664			
k_LVSMNotDetect_ms_u16p0	30293			
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.5116539			
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0			
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8			
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	164.970108			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	2282			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3026651904			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	3026651904	3026651904	✓	
CustBattDiag_LOISet_ms_M_u32p0	3026651904	3026651904	✓	
CustBattDiag_LVCClr_ms_M_u32p0	3448896256	3448896256	✓	
CustBattDiag_LVCSet_ms_M_u32p0	3355186432	3355186432	✓	
CustBattDiag_LVHSCClr_ms_M_u32p0	4285181696	4285181696	✓	
CustBattDiag_LVHSCSet_ms_M_u32p0	3026651904	3026651904	✓	
CustBattDiag_LVHSClr_ms_M_u32p0	824142592	824142592	✓	

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1719862528	1719862528	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3392418560	3392418560	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3026651904	3026651904	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1343121152	1343121152	✓
CustBattDiag_LVLSSet_ms_M_u32p0	692150528	692150528	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1593833216	1593833216	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4279333120	4279333120	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.151 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3826743808
CustBattDiag_LOISet_ms_M_u32p0	1920691200
CustBattDiag_LVCClr_ms_M_u32p0	1698548224
CustBattDiag_LVCSet_ms_M_u32p0	1681800192
CustBattDiag_LVHSCClr_ms_M_u32p0	1646341632
CustBattDiag_LVHSCSet_ms_M_u32p0	4008787968
CustBattDiag_LVHSClr_ms_M_u32p0	3826743808
CustBattDiag_LVHSSet_ms_M_u32p0	1920691200
CustBattDiag_LVLSCClr_ms_M_u32p0	1915232768
CustBattDiag_LVLSCSet_ms_M_u32p0	527848448
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	3762345984
CustBattDiag_LVSMClr_ms_M_u32p0	2401261056
CustBattDiag_LVSMSet_ms_M_u32p0	488548352
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	395.877838
k_CustBattDiaghispd_kph_f32	501.854004
k_CustBattDiaglospd_kph_f32	248.148331
k_LOIDetect_ms_u16p0	30881
k_LOINotDetect_ms_u16p0	64481
k_LVCDetect_Volts_u10p6	448
k_LVCDetect_ms_u16p0	20899
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	13020
k_LVHSCDetect_Volts_u10p6	192
k_LVHSCDetect_ms_u16p0	59507
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	23544
k_LVHSDetect_Volts_u10p6	448
k_LVHSDetect_ms_u16p0	1973
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	35064
k_LVLSCDetect_Volts_u10p6	448
k_LVLSCDetect_ms_u16p0	10345
k_LVLSCNotDetect_Volts_u10p6	256
k_LVLSCNotDetect_ms_u16p0	1524
k_LVLSDetect_Volts_u10p6	448
k_LVLSDetect_ms_u16p0	17008
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	57149
k_LVSMDetect_Volts_u10p6	448
k_LVSMDetect_ms_u16p0	37076
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	1947

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.2329788		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	368.732025		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	480828416		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	480828416	480828416	✔
CustBattDiag_LOISet_ms_M_u32p0	480828416	480828416	✔
CustBattDiag_LVCClr_ms_M_u32p0	1698548224	1698548224	✔
CustBattDiag_LVCSet_ms_M_u32p0	1681800192	1681800192	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1646341632	1646341632	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4008787968	4008787968	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3826743808	3826743808	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1920691200	1920691200	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1915232768	1915232768	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	527848448	527848448	✔
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3762345984	3762345984	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2401261056	2401261056	✔
CustBattDiag_LVSMSet_ms_M_u32p0	488548352	488548352	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.152 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3854587136	
CustBattDiag_LOISet_ms_M_u32p0	4040982272	
CustBattDiag_LVCClr_ms_M_u32p0	2676843776	
CustBattDiag_LVCSet_ms_M_u32p0	1792282368	
CustBattDiag_LVHSCClr_ms_M_u32p0	3815979264	
CustBattDiag_LVHSCSet_ms_M_u32p0	1271595776	
CustBattDiag_LVHSClr_ms_M_u32p0	3854587136	
CustBattDiag_LVHSCSet_ms_M_u32p0	4040982272	
CustBattDiag_LVLSCClr_ms_M_u32p0	2955828480	
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888	
CustBattDiag_LVLSClr_ms_M_u32p0	3778955520	
CustBattDiag_LVLSSet_ms_M_u32p0	3560717056	
CustBattDiag_LVSMClr_ms_M_u32p0	2870329600	
CustBattDiag_LVSMSet_ms_M_u32p0	2564999936	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4	
k_CustBattDiagLOIspd_kph_f32	153.909424	
k_CustBattDiaghispd_kph_f32	165.686096	
k_CustBattDiaglospd_kph_f32	358.507843	
k_LOIDetect_ms_u16p0	35082	
k_LOINotDetect_ms_u16p0	34818	
k_LVCDetect_Volts_u10p6	0	
k_LVCDetect_ms_u16p0	32642	
k_LVCNotDetect_Volts_u10p6	192	
k_LVCNotDetect_ms_u16p0	34960	
k_LVHSCDetect_Volts_u10p6	448	
k_LVHSCDetect_ms_u16p0	13269	
k_LVHSCNotDetect_Volts_u10p6	192	

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Name	Input Value		
k_LVHSCNotDetect_ms_u16p0	22525		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	40879		
k_LVHSNotDetect_Volts_u10p6	192		
k_LVHSNotDetect_ms_u16p0	49566		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	675		
k_LVLSCNotDetect_Volts_u10p6	192		
k_LVLSCNotDetect_ms_u16p0	10553		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	29741		
k_LVLSNotDetect_Volts_u10p6	192		
k_LVLSNotDetect_ms_u16p0	37885		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	64672		
k_LVSMNotDetect_Volts_u10p6	192		
k_LVSMNotDetect_ms_u16p0	42371		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.0000143		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	498.735291		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3021221632		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3021221632	3021221632	✔
CustBattDiag_LOISet_ms_M_u32p0	3021221632	3021221632	✔
CustBattDiag_LVCClr_ms_M_u32p0	2676843776	2676843776	✔
CustBattDiag_LVCSet_ms_M_u32p0	1792282368	1792282368	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3815979264	3815979264	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1271595776	1271595776	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3854587136	3854587136	✔
CustBattDiag_LVHSSet_ms_M_u32p0	4040982272	4040982272	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2955828480	2955828480	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888	3616261888	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3778955520	3778955520	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3560717056	3560717056	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2870329600	2870329600	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2564999936	2564999936	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.153 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	703710208
CustBattDiag_LOISet_ms_M_u32p0	96814592
CustBattDiag_LVCClr_ms_M_u32p0	1154126848
CustBattDiag_LVCSet_ms_M_u32p0	2854131200
CustBattDiag_LVHSCClr_ms_M_u32p0	157882368
CustBattDiag_LVHSCSet_ms_M_u32p0	3288971776
CustBattDiag_LVHSClr_ms_M_u32p0	703710208
CustBattDiag_LVHSSet_ms_M_u32p0	96814592
CustBattDiag_LVLSCClr_ms_M_u32p0	3972508672
CustBattDiag_LVLSCSet_ms_M_u32p0	148336128
CustBattDiag_LVLSClr_ms_M_u32p0	51228672
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192
CustBattDiag_LVSMClr_ms_M_u32p0	1184989184
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232

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CustBattDiag\_Per2

Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOIspd_kph_f32	293.515503		
k_CustBattDiaghispd_kph_f32	359.194885		
k_CustBattDiaglospd_kph_f32	267.24054		
k_LOIDetect_ms_u16p0	48476		
k_LOINotDetect_ms_u16p0	1610		
k_LVCDetect_Volts_u10p6	1408		
k_LVCDetect_ms_u16p0	21874		
k_LVCNotDetect_Volts_u10p6	0		
k_LVCNotDetect_ms_u16p0	5153		
k_LVHSCDetect_Volts_u10p6	960		
k_LVHSCDetect_ms_u16p0	52794		
k_LVHSCNotDetect_Volts_u10p6	0		
k_LVHSCNotDetect_ms_u16p0	50586		
k_LVHSDetect_Volts_u10p6	1408		
k_LVHSDetect_ms_u16p0	44491		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_ms_u16p0	14039		
k_LVLSCDetect_Volts_u10p6	1408		
k_LVLSCDetect_ms_u16p0	30144		
k_LVLSCNotDetect_Volts_u10p6	0		
k_LVLSCNotDetect_ms_u16p0	42070		
k_LVLSDetect_Volts_u10p6	1408		
k_LVLSDetect_ms_u16p0	25154		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	41		
k_LVSMDetect_Volts_u10p6	1408		
k_LVSMDetect_ms_u16p0	60938		
k_LVSMNotDetect_Volts_u10p6	0		
k_LVSMNotDetect_ms_u16p0	43960		
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.100338		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	392.62265		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	58453		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1994274304		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ig	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1994274304	1994274304	✔
CustBattDiag_LOISet_ms_M_u32p0	1994274304	1994274304	✔
CustBattDiag_LVCClr_ms_M_u32p0	1154126848	1154126848	✔
CustBattDiag_LVCSet_ms_M_u32p0	1994274304	1994274304	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	157882368	157882368	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1994274304	1994274304	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	703710208	703710208	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	96814592	96814592	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3972508672	3972508672	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1994274304	1994274304	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	51228672	51228672	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	2509640192	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1184989184	1184989184	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232	3588383232	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE3	0xE3	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE4	0xE4	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 2.154 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	0
CustBattDiag_LOISet_ms_M_u32p0	2265470720
CustBattDiag_LVCClr_ms_M_u32p0	88833280
CustBattDiag_LVCSet_ms_M_u32p0	2406868736
CustBattDiag_LVHSCClr_ms_M_u32p0	3978875136
CustBattDiag_LVHSCSet_ms_M_u32p0	2987416320
CustBattDiag_LVHSClr_ms_M_u32p0	0
CustBattDiag_LVHSSet_ms_M_u32p0	2265470720
CustBattDiag_LVLSCClr_ms_M_u32p0	284783872
CustBattDiag_LVLSCSet_ms_M_u32p0	2873270016
CustBattDiag_LVLSClr_ms_M_u32p0	3875817728
CustBattDiag_LVLSSet_ms_M_u32p0	2653328128
CustBattDiag_LVSMClr_ms_M_u32p0	1175345408
CustBattDiag_LVSMSet_ms_M_u32p0	1759716096
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	46.8303299
k_CustBattDiaghispd_kph_f32	43.967144
k_CustBattDiaglospd_kph_f32	110.251198
k_LOIDetect_ms_u16p0	29336
k_LOINotDetect_ms_u16p0	64229
k_LVCDetect_Volts_u10p6	192
k_LVCDetect_ms_u16p0	17189
k_LVCNotDetect_Volts_u10p6	1472
k_LVCNotDetect_ms_u16p0	20327
k_LVHSCDetect_Volts_u10p6	1792
k_LVHSCDetect_ms_u16p0	26818
k_LVHSCNotDetect_Volts_u10p6	1472
k_LVHSCNotDetect_ms_u16p0	13070
k_LVHSDetect_Volts_u10p6	192
k_LVHSDetect_ms_u16p0	53319
k_LVHSNotDetect_Volts_u10p6	1472
k_LVHSNotDetect_ms_u16p0	52834
k_LVLSCDetect_Volts_u10p6	192
k_LVLSCDetect_ms_u16p0	62910
k_LVLSCNotDetect_Volts_u10p6	1472
k_LVLSCNotDetect_ms_u16p0	12244
k_LVLSDetect_Volts_u10p6	192
k_LVLSDetect_ms_u16p0	44995
k_LVLSNotDetect_Volts_u10p6	1472
k_LVLSNotDetect_ms_u16p0	27804
k_LVSMDetect_Volts_u10p6	192
k_LVSMDetect_ms_u16p0	37393
k_LVSMNotDetect_Volts_u10p6	1472
k_LVSMNotDetect_ms_u16p0	49796
target_CustBattDiag_Per2_Batt_Volt_f32.value	17.8311119
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1



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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	473.006165
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	40453
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1479042304
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1479042304	1479042304	✓
CustBattDiag_LOISet_ms_M_u32p0	1479042304	1479042304	✓
CustBattDiag_LVCClr_ms_M_u32p0	1479042304	1479042304	✓
CustBattDiag_LVCSet_ms_M_u32p0	1479042304	1479042304	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1479042304	1479042304	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2987416320	2987416320	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2265470720	2265470720	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1479042304	1479042304	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1479042304	1479042304	✓
CustBattDiag_LVLSCLR_ms_M_u32p0	3875817728	3875817728	✓
CustBattDiag_LVLSSET_ms_M_u32p0	2653328128	2653328128	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1175345408	1175345408	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1759716096	1759716096	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 2.155 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	1621212672
CustBattDiag_LVCClr_ms_M_u32p0	1240484864
CustBattDiag_LVCSet_ms_M_u32p0	2979597824
CustBattDiag_LVHSCClr_ms_M_u32p0	1621643264
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	1621212672
CustBattDiag_LVLSCClr_ms_M_u32p0	1959158784
CustBattDiag_LVLSCSet_ms_M_u32p0	2534598144
CustBattDiag_LVLSCLR_ms_M_u32p0	1458956288
CustBattDiag_LVLSSET_ms_M_u32p0	1865878016
CustBattDiag_LVSMClr_ms_M_u32p0	3055007744
CustBattDiag_LVSMSet_ms_M_u32p0	1967217152
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	423.129242
k_CustBattDiaghispd_kph_f32	1.69305861
k_CustBattDiaglospd_kph_f32	215.20723
k_LOIDetect_ms_u16p0	27152

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Name	Input Value		
k_LOINotDetect_ms_u16p0	47105		
k_LVCDetect_Volts_u10p6	512		
k_LVCDetect_ms_u16p0	50153		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	39420		
k_LVHSCDetect_Volts_u10p6	384		
k_LVHSCDetect_ms_u16p0	37076		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	30407		
k_LVHSDetect_Volts_u10p6	512		
k_LVHSDetect_ms_u16p0	59748		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	57067		
k_LVLSCDetect_Volts_u10p6	512		
k_LVLSCDetect_ms_u16p0	55246		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	7396		
k_LVLSDetect_Volts_u10p6	512		
k_LVLSDetect_ms_u16p0	38623		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	52909		
k_LVSMDetect_Volts_u10p6	512		
k_LVSMDetect_ms_u16p0	16662		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	63763		
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.0020676		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	282.194244		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	4729		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1190761472		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1190761472	1190761472	✔
CustBattDiag_LOISet_ms_M_u32p0	1190761472	1190761472	✔
CustBattDiag_LVCClr_ms_M_u32p0	1240484864	1240484864	✔
CustBattDiag_LVCSet_ms_M_u32p0	2979597824	2979597824	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1621643264	1621643264	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280	4103713280	✔
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1621212672	1621212672	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1959158784	1959158784	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2534598144	2534598144	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1458956288	1458956288	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1865878016	1865878016	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3055007744	3055007744	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1967217152	1967217152	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.156 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	962533120	
CustBattDiag_LOISet_ms_M_u32p0	1580304640	
CustBattDiag_LVCClr_ms_M_u32p0	3590184704	
CustBattDiag_LVCSet_ms_M_u32p0	747346176	
CustBattDiag_LVHSCClr_ms_M_u32p0	1726337792	
CustBattDiag_LVHSCSet_ms_M_u32p0	2736368896	

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Name	Input Value		
CustBattDiag_LVHSClr_ms_M_u32p0	962533120		
CustBattDiag_LVHSSet_ms_M_u32p0	1580304640		
CustBattDiag_LVLSCClr_ms_M_u32p0	3957036800		
CustBattDiag_LVLSCSet_ms_M_u32p0	1367216384		
CustBattDiag_LVLSClr_ms_M_u32p0	1482492672		
CustBattDiag_LVLSSet_ms_M_u32p0	4137788672		
CustBattDiag_LVSMClr_ms_M_u32p0	3325532928		
CustBattDiag_LVSMSet_ms_M_u32p0	2982327552		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	376.811523		
k_CustBattDiaghispd_kph_f32	173.822388		
k_CustBattDiaglospd_kph_f32	412.305878		
k_LOIDetect_ms_u16p0	23942		
k_LOINotDetect_ms_u16p0	7977		
k_LVCDetect_Volts_u10p6	768		
k_LVCDetect_ms_u16p0	60794		
k_LVCNotDetect_Volts_u10p6	576		
k_LVCNotDetect_ms_u16p0	55994		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	52602		
k_LVHSCNotDetect_Volts_u10p6	576		
k_LVHSCNotDetect_ms_u16p0	44313		
k_LVHSDetect_Volts_u10p6	768		
k_LVHSDetect_ms_u16p0	38505		
k_LVHSNotDetect_Volts_u10p6	576		
k_LVHSNotDetect_ms_u16p0	17997		
k_LVLSCDetect_Volts_u10p6	768		
k_LVLSCDetect_ms_u16p0	61116		
k_LVLSCNotDetect_Volts_u10p6	576		
k_LVLSCNotDetect_ms_u16p0	42354		
k_LVLSDetect_Volts_u10p6	768		
k_LVLSDetect_ms_u16p0	27175		
k_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	55222		
k_LVSMDetect_Volts_u10p6	768		
k_LVSMDetect_ms_u16p0	63523		
k_LVSMNotDetect_Volts_u10p6	576		
k_LVSMNotDetect_ms_u16p0	21538		
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.2673378		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	336.588959		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	42042		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2114062080		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2114062080	2114062080	✔
CustBattDiag_LOISet_ms_M_u32p0	2114062080	2114062080	✔
CustBattDiag_LVCClr_ms_M_u32p0	3590184704	3590184704	✔
CustBattDiag_LVCSet_ms_M_u32p0	747346176	747346176	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1726337792	1726337792	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2736368896	2736368896	✔
CustBattDiag_LVHSClr_ms_M_u32p0	962533120	962533120	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2114062080	2114062080	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3957036800	3957036800	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1367216384	1367216384	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1482492672	1482492672	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2114062080	2114062080	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3325532928	3325532928	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2982327552	2982327552	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
NTC_Cnt_T_enum	0xE1	0xE1	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 2.157 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3938924544
CustBattDiag_LOISet_ms_M_u32p0	0
CustBattDiag_LVCClr_ms_M_u32p0	121440256
CustBattDiag_LVCSet_ms_M_u32p0	3571132928
CustBattDiag_LVHSCClr_ms_M_u32p0	3428305920
CustBattDiag_LVHSCSet_ms_M_u32p0	1932299776
CustBattDiag_LVHSClr_ms_M_u32p0	3938924544
CustBattDiag_LVHSCSet_ms_M_u32p0	0
CustBattDiag_LVLSCClr_ms_M_u32p0	3565395968
CustBattDiag_LVLSCSet_ms_M_u32p0	2405007872
CustBattDiag_LVLSCLR_ms_M_u32p0	2336089088
CustBattDiag_LVLSSet_ms_M_u32p0	792094208
CustBattDiag_LVSMClr_ms_M_u32p0	2199827456
CustBattDiag_LVSMSet_ms_M_u32p0	1238873600
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
k_CustBattDiagLOIspd_kph_f32	65.4553528
k_CustBattDiaghispd_kph_f32	428.238281
k_CustBattDiaglospd_kph_f32	73.2604828
k_LOIDetect_ms_u16p0	34418
k_LOINotDetect_ms_u16p0	30330
k_LVCDetect_Volts_u10p6	1344
k_LVCDetect_ms_u16p0	23230
k_LVCNotDetect_Volts_u10p6	1664
k_LVCNotDetect_ms_u16p0	24983
k_LVHSCDetect_Volts_u10p6	1920
k_LVHSCDetect_ms_u16p0	29569
k_LVHSCNotDetect_Volts_u10p6	1664
k_LVHSCNotDetect_ms_u16p0	28819
k_LVHSDetect_Volts_u10p6	1344
k_LVHSDetect_ms_u16p0	19949
k_LVHSNotDetect_Volts_u10p6	1664
k_LVHSNotDetect_ms_u16p0	29222
k_LVLSCDetect_Volts_u10p6	1344
k_LVLSCDetect_ms_u16p0	10199
k_LVLSCNotDetect_Volts_u10p6	1664
k_LVLSCNotDetect_ms_u16p0	21298
k_LVLSDetect_Volts_u10p6	1344
k_LVLSDetect_ms_u16p0	54733
k_LVLSNotDetect_Volts_u10p6	1664
k_LVLSNotDetect_ms_u16p0	5171
k_LVSMDetect_Volts_u10p6	1344
k_LVSMDetect_ms_u16p0	61527
k_LVSMNotDetect_Volts_u10p6	1664
k_LVSMNotDetect_ms_u16p0	20929

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.7062206		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	169.03801		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56661		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1348980736		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1348980736	1348980736	✔
CustBattDiag_LOISet_ms_M_u32p0	1348980736	1348980736	✔
CustBattDiag_LVCClr_ms_M_u32p0	121440256	121440256	✔
CustBattDiag_LVCSet_ms_M_u32p0	3571132928	3571132928	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3428305920	3428305920	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1932299776	1932299776	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3938924544	3938924544	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3565395968	3565395968	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2405007872	2405007872	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2336089088	2336089088	✔
CustBattDiag_LVLSSet_ms_M_u32p0	792094208	792094208	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2199827456	2199827456	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1238873600	1238873600	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 2.158 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1177099008	
CustBattDiag_LOISet_ms_M_u32p0	4294967295	
CustBattDiag_LVCClr_ms_M_u32p0	3423054592	
CustBattDiag_LVCSet_ms_M_u32p0	4264903936	
CustBattDiag_LVHSCClr_ms_M_u32p0	1288134400	
CustBattDiag_LVHSCSet_ms_M_u32p0	2513508608	
CustBattDiag_LVHSCClr_ms_M_u32p0	1177099008	
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	
CustBattDiag_LVLSCClr_ms_M_u32p0	1553195776	
CustBattDiag_LVLSCSet_ms_M_u32p0	1444560128	
CustBattDiag_LVLSClr_ms_M_u32p0	3866433280	
CustBattDiag_LVLSSet_ms_M_u32p0	1997771008	
CustBattDiag_LVSMClr_ms_M_u32p0	1175627520	
CustBattDiag_LVSMSet_ms_M_u32p0	275751168	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0	
k_CustBattDiagLOIspd_kph_f32	341.547821	
k_CustBattDiaghispd_kph_f32	17.2509441	
k_CustBattDiaglospd_kph_f32	76.5364914	
k_LOIDetect_ms_u16p0	26062	
k_LOINotDetect_ms_u16p0	25518	
k_LVCDetect_Volts_u10p6	640	
k_LVCDetect_ms_u16p0	52844	
k_LVCNotDetect_Volts_u10p6	1280	
k_LVCNotDetect_ms_u16p0	3033	
k_LVHSCDetect_Volts_u10p6	640	
k_LVHSCDetect_ms_u16p0	28385	
k_LVHSCNotDetect_Volts_u10p6	1280	

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Name	Input Value		
k_LVHSCNotDetect_ms_u16p0	19364		
k_LVHSDetect_Volts_u10p6	640		
k_LVHSDetect_ms_u16p0	32830		
k_LVHSNotDetect_Volts_u10p6	1280		
k_LVHSNotDetect_ms_u16p0	13962		
k_LVLSCDetect_Volts_u10p6	640		
k_LVLSCDetect_ms_u16p0	2319		
k_LVLSCNotDetect_Volts_u10p6	1280		
k_LVLSCNotDetect_ms_u16p0	26486		
k_LVLSDetect_Volts_u10p6	640		
k_LVLSDetect_ms_u16p0	42447		
k_LVLSNotDetect_Volts_u10p6	1280		
k_LVLSNotDetect_ms_u16p0	43540		
k_LVSMDetect_Volts_u10p6	640		
k_LVSMDetect_ms_u16p0	37073		
k_LVSMNotDetect_Volts_u10p6	1280		
k_LVSMNotDetect_ms_u16p0	60170		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.7127361		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	411.416809		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5655		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4121383680		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4121383680	4121383680	✔
CustBattDiag_LOISet_ms_M_u32p0	4121383680	4121383680	✔
CustBattDiag_LVCClr_ms_M_u32p0	3423054592	3423054592	✔
CustBattDiag_LVCSet_ms_M_u32p0	4264903936	4264903936	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1288134400	1288134400	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2513508608	2513508608	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1177099008	1177099008	✔
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1553195776	1553195776	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1444560128	1444560128	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3866433280	3866433280	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1997771008	1997771008	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1175627520	1175627520	✔
CustBattDiag_LVSMSet_ms_M_u32p0	275751168	275751168	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 2.159 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2337239552
CustBattDiag_LOISet_ms_M_u32p0	3706708992
CustBattDiag_LVCClr_ms_M_u32p0	1744028160
CustBattDiag_LVCSet_ms_M_u32p0	542307328
CustBattDiag_LVHSCClr_ms_M_u32p0	3045369344
CustBattDiag_LVHSCSet_ms_M_u32p0	1104115712
CustBattDiag_LVHSClr_ms_M_u32p0	2337239552
CustBattDiag_LVHSSet_ms_M_u32p0	3706708992
CustBattDiag_LVLSCClr_ms_M_u32p0	1294932480
CustBattDiag_LVLSCSet_ms_M_u32p0	42208256
CustBattDiag_LVLSClr_ms_M_u32p0	3847978496
CustBattDiag_LVLSSet_ms_M_u32p0	3722973184
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560
CustBattDiag_LVSMSet_ms_M_u32p0	1444143104

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Name	Input Value
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOlspd_kph_f32	25.3623657
k_CustBattDiaghispd_kph_f32	309.222412
k_CustBattDiaglospd_kph_f32	390.934235
k_LOIDetect_ms_u16p0	62567
k_LOINotDetect_ms_u16p0	28896
k_LVCDetect_Volts_u10p6	1664
k_LVCDetect_ms_u16p0	2573
k_LVCNotDetect_Volts_u10p6	1344
k_LVCNotDetect_ms_u16p0	15327
k_LVHSCDetect_Volts_u10p6	384
k_LVHSCDetect_ms_u16p0	26734
k_LVHSCNotDetect_Volts_u10p6	1344
k_LVHSCNotDetect_ms_u16p0	13885
k_LVHSDetect_Volts_u10p6	1664
k_LVHSDetect_ms_u16p0	53879
k_LVHSNotDetect_Volts_u10p6	1344
k_LVHSNotDetect_ms_u16p0	9900
k_LVLSCDetect_Volts_u10p6	1664
k_LVLSCDetect_ms_u16p0	13397
k_LVLSCNotDetect_Volts_u10p6	1344
k_LVLSCNotDetect_ms_u16p0	22453
k_LVLSDetect_Volts_u10p6	1664
k_LVLSDetect_ms_u16p0	59955
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	32510
k_LVSMDetect_Volts_u10p6	1664
k_LVSMDetect_ms_u16p0	63823
k_LVSMNotDetect_Volts_u10p6	1344
k_LVSMNotDetect_ms_u16p0	20283
target_CustBattDiag_Per2_Batt_Volt_f32.value	14.1898336
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	84.6545792
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	33981
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	1538574848
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1538574848	1538574848	✓
CustBattDiag_LOISet_ms_M_u32p0	1538574848	1538574848	✓
CustBattDiag_LVCClr_ms_M_u32p0	1744028160	1744028160	✓
CustBattDiag_LVCSet_ms_M_u32p0	542307328	542307328	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3045369344	3045369344	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1104115712	1104115712	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2337239552	2337239552	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3706708992	3706708992	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1294932480	1294932480	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	42208256	42208256	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3847978496	3847978496	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3722973184	3722973184	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560	4039298560	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1444143104	1444143104	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	







Test Case 3: Path Test





Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS3.1 807 Cycles TS3.2 805 Cycles TS3.3 8514 Cycles TS3.4 5019 Cycles TS3.5 1522 Cycles TS3.6 8512 Cycles TS3.7 5306 Cycles TS3.8 5014 Cycles TS3.9 807 Cycles TS3.10 1815 Cycles TS3.11 5304 Cycles TS3.12 5588 Cycles TS3.13 805 Cycles TS3.14 2102 Cycles TS3.15 2103 Cycles TS3.16 2104 Cycles TS3.17 805 Cycles TS3.18 1539 Cycles TS3.19 803 Cycles TS3.20 2104 Cycles TS3.21 804 Cycles
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Description	Vector Description
	<pre>TS3.1"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==&gt;True ( VehSpd_Kph_T_f32 &gt; k_CustBattDiagLOIspd_kph_f32 )==&gt;False ( ElapsedTime_T_u16p0 &gt; k_LOIDetect_ms_u16p0 )==&gt;False ( (EpsEn_Cnt_T_lgc == FALSE) &amp;&amp;   ( (EngOn_Cnt_T_lgc == TRUE)        (E8VehSpdHi_Cnt_T_lgc == TRUE) ) )==&gt;False ( EpsEn_Cnt_T_lgc == TRUE )==&gt;False ( ElapsedTime_T_u16p0 &gt; k_LOINotDetect_ms_u16p0 )==&gt;False CustBattDiag_LOISet_ms_M_u32p0 = SystemTime_mS_T_u32; CustBattDiag_LOIClr_ms_M_u32p0 = SystemTime_mS_T_u32; ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)      ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &amp;&amp;     (EpsEn_Cnt_T_lgc == TRUE) ) )==&gt;False "</pre> <pre>TS3.2"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==&gt;False ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)      ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &amp;&amp;     (EpsEn_Cnt_T_lgc == TRUE) ) )==&gt;False"</pre> <pre>TS3.3"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==&gt;True ( VehSpd_Kph_T_f32 &gt; k_CustBattDiagLOIspd_kph_f32 )==&gt;True Rte_Call_SystemTime_DirtnElapsedTime_mS_u16(CustBattDiag_LOISet_ms_M_u32p0, &amp;ElapsedTime_T_u16p0); ( ElapsedTime_T_u16p0 &gt; k_LOIDetect_ms_u16p0 )==&gt;True E8VehSpdHi_Cnt_T_lgc = TRUE;   CustBattDiag_LOISet_ms_M_u32p0 = SystemTime_mS_T_u32 ( (EpsEn_Cnt_T_lgc == FALSE) &amp;&amp;   ( (EngOn_Cnt_T_lgc == TRUE)        (E8VehSpdHi_Cnt_T_lgc == TRUE) ) )==&gt;True ( EpsEn_Cnt_T_lgc == TRUE )==&gt;False ( ElapsedTime_T_u16p0 &gt; k_LOINotDetect_ms_u16p0 )==&gt;False CustBattDiag_LOIClr_ms_M_u32p0 = SystemTime_mS_T_u32 ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)      ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &amp;&amp;     (EpsEn_Cnt_T_lgc == TRUE) ) )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVCNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVHSNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVLSNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVHSCNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVLSCNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVSMNotDetect_Volts_u10p6 )==&gt;True ( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08)      (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08)      (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==&gt;True ( (StdSelcted_Cnt_T_lgc == FALSE) &amp;&amp;   (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==&gt;False ( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08)      (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08)      (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==&gt;False "</pre> <pre>TS3.4"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==&gt;False ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)      ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &amp;&amp;     (EpsEn_Cnt_T_lgc == TRUE) ) )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVCNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVHSNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVLSNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVHSCNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVLSCNotDetect_Volts_u10p6 )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVSMNotDetect_Volts_u10p6 )==&gt;True ( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08)      (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08)      (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==&gt;False ( (StdSelcted_Cnt_T_lgc == FALSE) &amp;&amp;   (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==&gt;False ( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08)      (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08)      (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==&gt;True"</pre> <pre>TS3.5"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==&gt;False ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)      ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &amp;&amp;     (EpsEn_Cnt_T_lgc == TRUE) ) )==&gt;True ( BattVoltage_Volts_T_u10p6 &gt; k_LVCNotDetect_Volts_u10p6 )==&gt;False ( BattVoltage_Volts_T_u10p6 &lt; k_LVCDetect_Volts_u10p6 )==&gt;False ( BattVoltage_Volts_T_u10p6 &gt; k_LVHSNotDetect_Volts_u10p6 )==&gt;False ( BattVoltage_Volts_T_u10p6 &gt; k_LVLSNotDetect_Volts_u10p6 )==&gt;False ( BattVoltage_Volts_T_u10p6 &lt; k_LVLSDetect_Volts_u10p6 ) &amp;&amp;   ( VehSpd_Kph_T_f32 &lt;= k_CustBattDiagLOIspd_kph_f32 )==&gt;False ( BattVoltage_Volts_T_u10p6 &gt; k_LVHSCNotDetect_Volts_u10p6 )==&gt;False ( BattVoltage_Volts_T_u10p6 &lt; k_LVLSCDetect_Volts_u10p6 ) &amp;&amp;   ( VehSpd_Kph_T_f32 &lt;= k_CustBattDiagLOIspd_kph_f32 )==&gt;False ( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08)      (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08)      (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08)      (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==&gt;False</pre>

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```
( (StdSelcted_Cnt_T_Igc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>True"
TS3.6"( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>True
( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( (EpsEn_Cnt_T_Igc == FALSE) &&
  ( (EngOn_Cnt_T_Igc == TRUE) ||
    (E8VehSpdHi_Cnt_T_Igc == TRUE) ) )==>False
( EpsEn_Cnt_T_Igc == TRUE )==>True
( ElapsedTime_T_u16p0 > k_LOINotDetect_ms_u16p0 )==>True
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_Igc == TRUE) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSCNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 )==>True
( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
(StdSelcted_Cnt_T_Igc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>True"
TS3.7"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True
( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>False
( (EpsEn_Cnt_T_Igc == FALSE) &&
  ( (EngOn_Cnt_T_Igc == TRUE) ||
    (E8VehSpdHi_Cnt_T_Igc == TRUE) ) )==>False
( EpsEn_Cnt_T_Igc == TRUE )==>True
( ElapsedTime_T_u16p0 > k_LOINotDetect_ms_u16p0 )==>True
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_Igc == TRUE) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
( (StdSelcted_Cnt_T_Igc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>True"
TS3.8"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True
( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>False
( (EpsEn_Cnt_T_Igc == FALSE) &&
  ( (EngOn_Cnt_T_Igc == TRUE) ||
    (E8VehSpdHi_Cnt_T_Igc == TRUE) ) )==>True
( EpsEn_Cnt_T_Igc == TRUE )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_Igc == TRUE) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 )==>False"
TS3.9"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>True
( (StdSelcted_Cnt_T_Igc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>False"
TS3.10"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True"
TS3.11" SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_Igc == TRUE) ) )==>True
```

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```
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 < k_LVHSDetect_Volts_u10p6 ) &&
  ( (VehSpd_Kph_T_f32 > k_CustBattDiagHispd_kph_f32) ||
    ( (VehSpdValid_Cnt_T_lgc == FALSE) &&
      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ) ) )==>False
( EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>True"
TS3.12"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True
( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>True
( ElapsedTime_T_u16p0 > k_LOIDetect_ms_u16p0 )==>False
( EpsEn_Cnt_T_lgc == FALSE) &&
  ( (EngOn_Cnt_T_lgc == TRUE) ||
    (E8VehSpdHi_Cnt_T_lgc == TRUE) ) )==>False
( EpsEn_Cnt_T_lgc == TRUE )==>True
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) ) )==>True
"
TS3.13"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True
( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>False
( (EpsEn_Cnt_T_lgc == FALSE) &&
  ( (EngOn_Cnt_T_lgc == TRUE) ||
    (E8VehSpdHi_Cnt_T_lgc == TRUE) ) ) )==>False
( EpsEn_Cnt_T_lgc == TRUE )==>True
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) ) )==>True"
TS3.14"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True"
TS3.15"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) ) )==>False
( BattVoltage_Volts_T_u10p6 > k_LVSMNotDetect_Volts_u10p6 )==>False
( EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>False"
TS3.16"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True
( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>False
( (EpsEn_Cnt_T_lgc == FALSE) &&
  ( (EngOn_Cnt_T_lgc == TRUE) ||
    (E8VehSpdHi_Cnt_T_lgc == TRUE) ) ) )==>False
( ElapsedTime_T_u16p0 > k_LOINotDetect_ms_u16p0 )==>False
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVHSDetect_Volts_u10p6 ) &&
  ( (VehSpd_Kph_T_f32 > k_CustBattDiagHispd_kph_f32) ||
    ( (VehSpdValid_Cnt_T_lgc == FALSE) &&
      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ) ) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>False
"
TS3.17"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSCNotDetect_Volts_u10p6 )==>True
( EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
( (StdSelcted_Cnt_T_lgc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>True
( EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
( EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>False
"
TS3.18"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True
( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>False
( (EpsEn_Cnt_T_lgc == FALSE) &&
  ( (EngOn_Cnt_T_lgc == TRUE) ||
    (E8VehSpdHi_Cnt_T_lgc == TRUE) ) ) )==>False
( EpsEn_Cnt_T_lgc == TRUE )==>False
( ElapsedTime_T_u16p0 > k_LOINotDetect_ms_u16p0 )==>False
( EpsEn_Cnt_T_lgc == TRUE )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVSMNotDetect_Volts_u10p6 )==>True
( EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
```

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```
(EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
( (StdSelcted_Cnt_T_lgc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>False
"
TS3.19"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) )==>False"
TS3.20"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>True
( VehSpd_Kph_T_f32 > k_CustBattDiagLOlspd_kph_f32 )==>False
( (EpsEn_Cnt_T_lgc == FALSE) &&
  ( (EngOn_Cnt_T_lgc == TRUE) ||
    (E8VehSpdHi_Cnt_T_lgc == TRUE) ) )==>False
( EpsEn_Cnt_T_lgc == TRUE )==>True
( ElapsedTime_T_u16p0 > k_LOINotDetect_ms_u16p0 )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVCDetect_Volts_u10p6 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVHSDetect_Volts_u10p6 ) &&
  ( (VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32) ||
    ( (VehSpdValid_Cnt_T_lgc == FALSE) &&
      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVLSDetect_Volts_u10p6 ) &&
  ( VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSCNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVHSCDetect_Volts_u10p6 ) &&
  ( (VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32) ||
    ( (VehSpdValid_Cnt_T_lgc == FALSE) &&
      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ) ) )==>True
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVLSDetect_Volts_u10p6 ) &&
  ( VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVSMNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVSMDetect_Volts_u10p6 )==>True
( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
( (StdSelcted_Cnt_T_lgc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>False
"
TS3.21"( SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
  (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
  ( (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
    (EpsEn_Cnt_T_lgc == TRUE) ) )==>true
( BattVoltage_Volts_T_u10p6 > k_LVCNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVCDetect_Volts_u10p6 )==>true
( BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVHSDetect_Volts_u10p6 ) &&
  ( (VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32) ||
    ( (VehSpdValid_Cnt_T_lgc == FALSE) &&
      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ) ) )==>False
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVLSDetect_Volts_u10p6 ) &&
  ( VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVHSCNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVHSCDetect_Volts_u10p6 ) &&
  ( (VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32) ||
    ( (VehSpdValid_Cnt_T_lgc == FALSE) &&
      (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ) ) )==>False
( BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>false
( BattVoltage_Volts_T_u10p6 < k_LVLSDetect_Volts_u10p6 ) &&
  ( VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32 )==>True
( BattVoltage_Volts_T_u10p6 > k_LVSMNotDetect_Volts_u10p6 )==>False
( BattVoltage_Volts_T_u10p6 < k_LVSMDetect_Volts_u10p6 )==>True
( (EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
  (EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
( (StdSelcted_Cnt_T_lgc == FALSE) &&
  (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
( (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) ||
```



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(EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_ENGPREPARING_CNT_U08) )==>False
```

"

## Test Step 3.1 (Repeat Count = 1)

Name	Input Value	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	0	0	0	✓
CustBattDiag_LOISet_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVCClr_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVCCSet_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVSMClr_ms_M_u32p0	0	0	0	✓
CustBattDiag_LVSMSet_ms_M_u32p0	0	0	0	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2			
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0			
k_CustBattDiagLOIspd_kph_f32	0			
k_CustBattDiaghispd_kph_f32	0			
k_CustBattDiaglospd_kph_f32	0			
k_LOIDetect_ms_u16p0	0			
k_LOINotDetect_ms_u16p0	0			
k_LVCDetect_Volts_u10p6	0			
k_LVCDetect_ms_u16p0	0			
k_LVCNotDetect_Volts_u10p6	0			
k_LVCNotDetect_ms_u16p0	0			
k_LVHSCDetect_Volts_u10p6	0			
k_LVHSCDetect_ms_u16p0	0			
k_LVHSCNotDetect_Volts_u10p6	0			
k_LVHSCNotDetect_ms_u16p0	0			
k_LVHSDetect_Volts_u10p6	0			
k_LVHSDetect_ms_u16p0	0			
k_LVHSNotDetect_Volts_u10p6	0			
k_LVHSNotDetect_ms_u16p0	0			
k_LVLSCDetect_Volts_u10p6	0			
k_LVLSCDetect_ms_u16p0	0			
k_LVLSCNotDetect_Volts_u10p6	0			
k_LVLSCNotDetect_ms_u16p0	0			
k_LVLSDetect_Volts_u10p6	0			
k_LVLSDetect_ms_u16p0	0			
k_LVLSNotDetect_Volts_u10p6	0			
k_LVLSNotDetect_ms_u16p0	0			
k_LVSMDetect_Volts_u10p6	0			
k_LVSMDetect_ms_u16p0	0			
k_LVSMNotDetect_Volts_u10p6	0			
k_LVSMNotDetect_ms_u16p0	0			
target_CustBattDiag_Per2_Batt_Volt_f32.value	5			
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0			
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0			
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	0			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMSet_ms_M_u32p0	0	0	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

## Test Step 3.2 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	512
k_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_f32	512
k_LOIDetect_ms_u16p0	65535
k_LOINotDetect_ms_u16p0	65535
k_LVCDetect_Volts_u10p6	1984
k_LVCDetect_ms_u16p0	65535
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	65535
k_LVHSCDetect_Volts_u10p6	1984
k_LVHSCDetect_ms_u16p0	65535
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	65535
k_LVHSDetect_Volts_u10p6	1984
k_LVHSDetect_ms_u16p0	65535
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	65535
k_LVLSCDetect_Volts_u10p6	1984
k_LVLSCDetect_ms_u16p0	65535
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	65535
k_LVLSDetect_Volts_u10p6	1984
k_LVLSDetect_ms_u16p0	65535
k_LVLSNotDetect_Volts_u10p6	1984
k_LVLSNotDetect_ms_u16p0	65535
k_LVSMDetect_Volts_u10p6	1984
k_LVSMDetect_ms_u16p0	65535
k_LVSMNotDetect_Volts_u10p6	1984
k_LVSMNotDetect_ms_u16p0	65535
target_CustBattDiag_Per2_Batt_Volt_f32.value	31
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1

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CustBattDiag\_Per2

Name	Input Value
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

## Test Step 3.3 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2027075584
CustBattDiag_LOISet_ms_M_u32p0	3140770304
CustBattDiag_LVCClr_ms_M_u32p0	2955446272
CustBattDiag_LVCSet_ms_M_u32p0	1234348544
CustBattDiag_LVHSCClr_ms_M_u32p0	64703488
CustBattDiag_LVHSCSet_ms_M_u32p0	3996913152
CustBattDiag_LVHSCClr_ms_M_u32p0	2027075584
CustBattDiag_LVHSCSet_ms_M_u32p0	3140770304
CustBattDiag_LVLSCClr_ms_M_u32p0	3103727616
CustBattDiag_LVLSCSet_ms_M_u32p0	2921398784
CustBattDiag_LVLSCClr_ms_M_u32p0	4216415232
CustBattDiag_LVLSSet_ms_M_u32p0	3646285312
CustBattDiag_LVSMClr_ms_M_u32p0	269628416
CustBattDiag_LVSMSet_ms_M_u32p0	1406612992
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTim
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	162.546951
k_CustBattDiaghispd_kph_f32	415.459473
k_CustBattDiaglospd_kph_f32	171.66716
k_LOIDetect_ms_u16p0	40122
k_LOINotDetect_ms_u16p0	34422
k_LVCDetect_Volts_u10p6	128
k_LVCDetect_ms_u16p0	1349
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	27602
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	39977
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	3054
k_LVHSDetect_Volts_u10p6	128

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CustBattDiag\_Per2

Name	Input Value
k_LVHSDetect_ms_u16p0	18564
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	60914
k_LVLSCDetect_Volts_u10p6	128
k_LVLSCDetect_ms_u16p0	16071
k_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	33686
k_LVLSDetect_Volts_u10p6	128
k_LVLSDetect_ms_u16p0	14252
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	62983
k_LVSMDetect_Volts_u10p6	128
k_LVSMDetect_ms_u16p0	39718
k_LVSMNotDetect_Volts_u10p6	1088
k_LVSMNotDetect_ms_u16p0	45828
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.7224941
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	46212
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	906186752
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.4 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	705075968
CustBattDiag_LOISet_ms_M_u32p0	1810478336
CustBattDiag_LVCClr_ms_M_u32p0	3745852160
CustBattDiag_LVCSets_ms_M_u32p0	3725509888
CustBattDiag_LVHSCClr_ms_M_u32p0	339533568
CustBattDiag_LVHSCSet_ms_M_u32p0	3265435904
CustBattDiag_LVHSCClr_ms_M_u32p0	705075968
CustBattDiag_LVHSCSet_ms_M_u32p0	1810478336
CustBattDiag_LVLSCClr_ms_M_u32p0	4246823680
CustBattDiag_LVLSCSets_ms_M_u32p0	2009316608
CustBattDiag_LVLSCLR_ms_M_u32p0	1144690432
CustBattDiag_LVLSSET_ms_M_u32p0	1454706944
CustBattDiag_LVSMClr_ms_M_u32p0	3443009280
CustBattDiag_LVSMSet_ms_M_u32p0	1349591296
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOIspd_kph_f32	142.452698
k_CustBattDiaghispd_kph_f32	500.45459
k_CustBattDiaglospd_kph_f32	194.12117
k_LOIDetect_ms_u16p0	41207
k_LOINotDetect_ms_u16p0	33211
k_LVCDetect_Volts_u10p6	960
k_LVCDetect_ms_u16p0	19669
k_LVCNotDetect_Volts_u10p6	128
k_LVCNotDetect_ms_u16p0	15142
k_LVHSCDetect_Volts_u10p6	1792
k_LVHSCDetect_ms_u16p0	62186
k_LVHSCNotDetect_Volts_u10p6	128
k_LVHSCNotDetect_ms_u16p0	18321
k_LVHSDetect_Volts_u10p6	960
k_LVHSDetect_ms_u16p0	20087
k_LVHSNotDetect_Volts_u10p6	128
k_LVHSNotDetect_ms_u16p0	20775
k_LVLSCDetect_Volts_u10p6	960
k_LVLSCDetect_ms_u16p0	57920
k_LVLSNotDetect_Volts_u10p6	128
k_LVLSNotDetect_ms_u16p0	50252
k_LVLSDetect_Volts_u10p6	960
k_LVLSDetect_ms_u16p0	24113
k_LVLSNotDetect_Volts_u10p6	128
k_LVLSNotDetect_ms_u16p0	45721
k_LVSMDetect_Volts_u10p6	960
k_LVSMDetect_ms_u16p0	11874
k_LVSMNotDetect_Volts_u10p6	128
k_LVSMNotDetect_ms_u16p0	13631

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.4529781		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	104		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	44680		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	315937536		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	315937536	315937536	✓
CustBattDiag_LOISet_ms_M_u32p0	315937536	315937536	✓
CustBattDiag_LVCClr_ms_M_u32p0	3745852160	3745852160	✓
CustBattDiag_LVCSets_ms_M_u32p0	3725509888	3725509888	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	339533568	339533568	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3265435904	3265435904	✓
CustBattDiag_LVHSClr_ms_M_u32p0	705075968	705075968	✓
CustBattDiag_LVHSSet_ms_M_u32p0	315937536	315937536	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	4246823680	4246823680	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2009316608	2009316608	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1144690432	1144690432	✓
CustBattDiag_LVLSSet_ms_M_u32p0	315937536	315937536	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3443009280	3443009280	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1349591296	1349591296	✓
NTC_Cnt_T_enum	0xE1	0xE1	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode		✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

Test Step 3.5 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	901181950	

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CustBattDiag\_Per2

Name	Input Value
k_CustBattDiagIospd_kph_f32	338.766144
k_LOIDetect_ms_u16p0	51434
k_LOINotDetect_ms_u16p0	11447
k_LVCDetect_Volts_u10p6	0
k_LVCDetect_ms_u16p0	5329
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	50167
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	57938
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	55412
k_LVHSDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0	11723
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	11475
k_LVLSCDetect_Volts_u10p6	0
k_LVLSCDetect_ms_u16p0	20160
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	30517
k_LVLSDetect_Volts_u10p6	0
k_LVLSDetect_ms_u16p0	9999
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	23405
k_LVSMDetect_Volts_u10p6	0
k_LVSMDetect_ms_u16p0	18074
k_LVSMNotDetect_Volts_u10p6	1088
k_LVSMNotDetect_ms_u16p0	9882
target_CustBattDiag_Per2_Batt_Volt_f32.value	15.6019201
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	104.126129
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	24937
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2586593792
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LOISet_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVCClr_ms_M_u32p0	70992384	70992384	✓
CustBattDiag_LVCSet_ms_M_u32p0	3334894592	3334894592	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	354690560	354690560	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3780835328	3780835328	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVHSSet_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2173082112	2173082112	✓
CustBattDiag_LVLSSet_ms_M_u32p0	596085760	596085760	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3511832064	3511832064	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2081382400	2081382400	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓



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Test Step 3.6 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		3467104000		
CustBattDiag_LOISet_ms_M_u32p0		1436748032		
CustBattDiag_LVCClr_ms_M_u32p0		2759024384		
CustBattDiag_LVCSet_ms_M_u32p0		2019367168		
CustBattDiag_LVHSCClr_ms_M_u32p0		3138605824		
CustBattDiag_LVHSCSet_ms_M_u32p0		3378720000		
CustBattDiag_LVHSClr_ms_M_u32p0		3467104000		
CustBattDiag_LVHSSet_ms_M_u32p0		1436748032		
CustBattDiag_LVLSCClr_ms_M_u32p0		1889605376		
CustBattDiag_LVLSCSet_ms_M_u32p0		1881116928		
CustBattDiag_LVLSClr_ms_M_u32p0		1004178176		
CustBattDiag_LVLSSet_ms_M_u32p0		2965054720		
CustBattDiag_LVSMClr_ms_M_u32p0		3239385856		
CustBattDiag_LVSMSet_ms_M_u32p0		3929814272		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		2		
k_CustBattDiagLOlspd_kph_f32		265.324677		
k_CustBattDiaghispd_kph_f32		309.285675		
k_CustBattDiaglospd_kph_f32		45.3836021		
k_LOIDetect_ms_u16p0		36263		
k_LOINotDetect_ms_u16p0		22895		
k_LVCDetect_Volts_u10p6		1664		
k_LVCDetect_ms_u16p0		25819		
k_LVCNotDetect_Volts_u10p6		320		
k_LVCNotDetect_ms_u16p0		35392		
k_LVHSCDetect_Volts_u10p6		768		
k_LVHSCDetect_ms_u16p0		3195		
k_LVHSCNotDetect_Volts_u10p6		320		
k_LVHSCNotDetect_ms_u16p0		6974		
k_LVHSDetect_Volts_u10p6		1664		
k_LVHSDetect_ms_u16p0		20123		
k_LVHSNotDetect_Volts_u10p6		320		
k_LVHSNotDetect_ms_u16p0		27170		
k_LVLSCDetect_Volts_u10p6		1664		
k_LVLSCDetect_ms_u16p0		40806		
k_LVLSCNotDetect_Volts_u10p6		320		
k_LVLSCNotDetect_ms_u16p0		15615		
k_LVLSDetect_Volts_u10p6		1664		
k_LVLSDetect_ms_u16p0		47361		
k_LVLSNotDetect_Volts_u10p6		320		
k_LVLSNotDetect_ms_u16p0		49651		
k_LVSMDetect_Volts_u10p6		1664		
k_LVSMDetect_ms_u16p0		52013		
k_LVSMNotDetect_Volts_u10p6		320		
k_LVSMNotDetect_ms_u16p0		1808		
target_CustBattDiag_Per2_Batt_Volt_f32.value		21.8831902		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value		0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		0		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value		1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		87.3961639		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap		55332		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current		1902610176		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc		target_CustBattDiag_Per2_EngOn_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc		target_CustBattDiag_Per2_SttdSelected_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	1902610176	1902610176		
CustBattDiag_LOISet_ms_M_u32p0	1902610176	1902610176		
CustBattDiag_LVCClr_ms_M_u32p0	2759024384	2759024384		
CustBattDiag_LVCSet_ms_M_u32p0	2019367168	2019367168		
CustBattDiag_LVHSCClr_ms_M_u32p0	3138605824	3138605824		
CustBattDiag_LVHSCSet_ms_M_u32p0	3378720000	3378720000		
CustBattDiag_LVHSClr_ms_M_u32p0	3467104000	3467104000		

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1902610176	1902610176	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1889605376	1889605376	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1881116928	1881116928	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1004178176	1004178176	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1902610176	1902610176	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3239385856	3239385856	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3929814272	3929814272	✓
NTC_Cnt_T_enum	0xE8	0xE8	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE1	0xE1	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓
NTC_Cnt_T_enum	0xE2	0xE2	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

Test Step 3.7 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2107856384
CustBattDiag_LOISet_ms_M_u32p0	4128876544
CustBattDiag_LVCClr_ms_M_u32p0	1585489408
CustBattDiag_LVCSet_ms_M_u32p0	3391846400
CustBattDiag_LVHSCClr_ms_M_u32p0	3144731136
CustBattDiag_LVHSCSet_ms_M_u32p0	946420736
CustBattDiag_LVHSClr_ms_M_u32p0	2107856384
CustBattDiag_LVHSSet_ms_M_u32p0	4128876544
CustBattDiag_LVLSCClr_ms_M_u32p0	4141317632
CustBattDiag_LVLSCSet_ms_M_u32p0	583274496
CustBattDiag_LVLSClr_ms_M_u32p0	2080055808
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912
CustBattDiag_LVSMClr_ms_M_u32p0	3398136320
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	307.761597
k_CustBattDiaghispd_kph_f32	505.83429
k_CustBattDiaglospd_kph_f32	103.274986
k_LOIDetect_ms_u16p0	15147
k_LOINotDetect_ms_u16p0	17772
k_LVCDetect_Volts_u10p6	704
k_LVCDetect_ms_u16p0	56591
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	36474
k_LVHSCDetect_Volts_u10p6	1856
k_LVHSCDetect_ms_u16p0	37359
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	8510
k_LVHSDetect_Volts_u10p6	704
k_LVHSDetect_ms_u16p0	37809
k_LVHSNotDetect_Volts_u10p6	1984

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Name	Input Value		
k_LVHSNotDetect_ms_u16p0	65457		
k_LVLSCDetect_Volts_u10p6	704		
k_LVLSCDetect_ms_u16p0	22176		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	23531		
k_LVLSDetect_Volts_u10p6	704		
k_LVLSDetect_ms_u16p0	8174		
k_LVLSSNotDetect_Volts_u10p6	1984		
k_LVLSSNotDetect_ms_u16p0	13871		
k_LVSMDetect_Volts_u10p6	704		
k_LVSMDetect_ms_u16p0	33674		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	46073		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.359869		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	114.504883		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	31718		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1514417664		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1514417664	1514417664	✔
CustBattDiag_LOISet_ms_M_u32p0	1514417664	1514417664	✔
CustBattDiag_LVCClr_ms_M_u32p0	1585489408	1585489408	✔
CustBattDiag_LVCSet_ms_M_u32p0	3391846400	3391846400	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1514417664	1514417664	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1514417664	1514417664	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2107856384	2107856384	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	4128876544	4128876544	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1514417664	1514417664	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1514417664	1514417664	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2080055808	2080055808	✔
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912	4165030912	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3398136320	3398136320	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744	1677599744	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCstatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCstatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	

Test Step 3.8 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	970913536	
CustBattDiag_LOISet_ms_M_u32p0	3939004672	
CustBattDiag_LVCClr_ms_M_u32p0	3388245760	
CustBattDiag_LVCSet_ms_M_u32p0	928809216	
CustBattDiag_LVHSCClr_ms_M_u32p0	467729152	
CustBattDiag_LVHSCSet_ms_M_u32p0	279123200	
CustBattDiag_LVHSClr_ms_M_u32p0	970913536	
CustBattDiag_LVHSCSet_ms_M_u32p0	3939004672	
CustBattDiag_LVLSCClr_ms_M_u32p0	1017986816	

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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVLSCSet_ms_M_u32p0	2439117056		
CustBattDiag_LVLSClr_ms_M_u32p0	279130880		
CustBattDiag_LVLSSet_ms_M_u32p0	556666112		
CustBattDiag_LVSMClr_ms_M_u32p0	747094784		
CustBattDiag_LVSMSet_ms_M_u32p0	2414419200		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOIspd_kph_f32	231.466919		
k_CustBattDiaghispd_kph_f32	494.356628		
k_CustBattDiaglospd_kph_f32	17.6589031		
k_LOIDetect_ms_u16p0	39506		
k_LOINotDetect_ms_u16p0	45731		
k_LVCDetect_Volts_u10p6	1920		
k_LVCDetect_ms_u16p0	28370		
k_LVCNotDetect_Volts_u10p6	576		
k_LVCNotDetect_ms_u16p0	22496		
k_LVHSCDetect_Volts_u10p6	320		
k_LVHSCDetect_ms_u16p0	28376		
k_LVHSCNotDetect_Volts_u10p6	576		
k_LVHSCNotDetect_ms_u16p0	26324		
k_LVHSDetect_Volts_u10p6	1920		
k_LVHSDetect_ms_u16p0	52724		
k_LVHSNotDetect_Volts_u10p6	576		
k_LVHSNotDetect_ms_u16p0	64622		
k_LVLSCDetect_Volts_u10p6	1920		
k_LVLSCDetect_ms_u16p0	57120		
k_LVLSCNotDetect_Volts_u10p6	576		
k_LVLSCNotDetect_ms_u16p0	50615		
k_LVLSDetect_Volts_u10p6	1920		
k_LVLSDetect_ms_u16p0	616		
k_LVLSSNotDetect_Volts_u10p6	576		
k_LVLSSNotDetect_ms_u16p0	36496		
k_LVSMDetect_Volts_u10p6	1920		
k_LVSMDetect_ms_u16p0	16865		
k_LVSMNotDetect_Volts_u10p6	576		
k_LVSMNotDetect_ms_u16p0	53810		
target_CustBattDiag_Per2_Batt_Volt_f32.value	12.5773878		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	413.517487		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	50538		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	543796992		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	543796992	543796992	✔
CustBattDiag_LOISet_ms_M_u32p0	543796992	543796992	✔
CustBattDiag_LVCClr_ms_M_u32p0	3388245760	3388245760	✔
CustBattDiag_LVCSet_ms_M_u32p0	543796992	543796992	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	467729152	467729152	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	543796992	543796992	✔
CustBattDiag_LVHSClr_ms_M_u32p0	970913536	970913536	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3939004672	3939004672	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1017986816	1017986816	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	543796992	543796992	✔
CustBattDiag_LVLSClr_ms_M_u32p0	279130880	279130880	✔
CustBattDiag_LVLSSet_ms_M_u32p0	556666112	556666112	✔
CustBattDiag_LVSMClr_ms_M_u32p0	747094784	747094784	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2414419200	2414419200	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE3	0xE3	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1788730880
CustBattDiag_LOISet_ms_M_u32p0	3997790208
CustBattDiag_LVCClr_ms_M_u32p0	3298635264
CustBattDiag_LVCSet_ms_M_u32p0	751648768
CustBattDiag_LVHSCClr_ms_M_u32p0	1101517312
CustBattDiag_LVHSCSet_ms_M_u32p0	2756281344
CustBattDiag_LVHSCClr_ms_M_u32p0	1788730880
CustBattDiag_LVHSCSet_ms_M_u32p0	3997790208
CustBattDiag_LVLSCClr_ms_M_u32p0	1431504384
CustBattDiag_LVLSCSet_ms_M_u32p0	714921984
CustBattDiag_LVLSCLr_ms_M_u32p0	1380002304
CustBattDiag_LVLSSet_ms_M_u32p0	1955109888
CustBattDiag_LVSMClr_ms_M_u32p0	80968192
CustBattDiag_LVSMSet_ms_M_u32p0	2828495872
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOIspd_kph_f32	466.696655
k_CustBattDiaghispd_kph_f32	170.299622
k_CustBattDiaglospd_kph_f32	47.4280853
k_LOIDetect_ms_u16p0	8396
k_LOINotDetect_ms_u16p0	40048
k_LVCDetect_Volts_u10p6	576
k_LVCDetect_ms_u16p0	64204
k_LVCNotDetect_Volts_u10p6	960
k_LVCNotDetect_ms_u16p0	14393
k_LVHSCDetect_Volts_u10p6	1408
k_LVHSCDetect_ms_u16p0	48762
k_LVHSCNotDetect_Volts_u10p6	960
k_LVHSCNotDetect_ms_u16p0	43292
k_LVHSDetect_Volts_u10p6	576
k_LVHSDetect_ms_u16p0	40261
k_LVHSNotDetect_Volts_u10p6	960
k_LVHSNotDetect_ms_u16p0	51056
k_LVLSCDetect_Volts_u10p6	576
k_LVLSCDetect_ms_u16p0	16658
k_LVLSCNotDetect_Volts_u10p6	960
k_LVLSCNotDetect_ms_u16p0	37476
k_LVLSDetect_Volts_u10p6	576
k_LVLSDetect_ms_u16p0	57690
k_LVLSNotDetect_Volts_u10p6	960
k_LVLSNotDetect_ms_u16p0	29945
k_LVSMDetect_Volts_u10p6	576
k_LVSMDetect_ms_u16p0	12559
k_LVSMNotDetect_Volts_u10p6	960
k_LVSMNotDetect_ms_u16p0	19252

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_Batt_Volt_f32.value	18.9720993		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	183.432465		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36276		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1742583296		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LOISet_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVCClr_ms_M_u32p0	3298635264	3298635264	✔
CustBattDiag_LVCSets_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1101517312	1101517312	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVHSClr_ms_M_u32p0	1788730880	1788730880	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3997790208	3997790208	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1431504384	1431504384	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1742583296	1742583296	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1380002304	1380002304	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1955109888	1955109888	✔
CustBattDiag_LVSMClr_ms_M_u32p0	80968192	80968192	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2828495872	2828495872	✔
NTC_Cnt_T_enum	0xE0	0xE0	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

Test Step 3.10 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	4249569280	
CustBattDiag_LOISet_ms_M_u32p0	2443405824	
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	
CustBattDiag_LVCSet_ms_M_u32p0	1355135488	
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168	
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280	
CustBattDiag_LVHSCSet_ms_M_u32p0	2443405824	
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704	
CustBattDiag_LVLSClr_ms_M_u32p0	4176016384	
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048	
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768	
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	

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CustBattDiag\_Per2

Name	Input Value		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOIspd_kph_f32	367.035919		
k_CustBattDiaghispd_kph_f32	83.7351837		
k_CustBattDiaglospd_kph_f32	201.401382		
k_LOIDetect_ms_u16p0	27771		
k_LOINotDetect_ms_u16p0	14320		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	15742		
k_LVCNotDetect_Volts_u10p6	448		
k_LVCNotDetect_ms_u16p0	33029		
k_LVHSCDetect_Volts_u10p6	1792		
k_LVHSCDetect_ms_u16p0	57886		
k_LVHSCNotDetect_Volts_u10p6	448		
k_LVHSCNotDetect_ms_u16p0	36989		
k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_ms_u16p0	61820		
k_LVHSNotDetect_Volts_u10p6	448		
k_LVHSNotDetect_ms_u16p0	53682		
k_LVLSCDetect_Volts_u10p6	192		
k_LVLSCDetect_ms_u16p0	38739		
k_LVLSCNotDetect_Volts_u10p6	448		
k_LVLSCNotDetect_ms_u16p0	28387		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	28698		
k_LVLSNotDetect_Volts_u10p6	448		
k_LVLSNotDetect_ms_u16p0	12902		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	48054		
k_LVSMNotDetect_Volts_u10p6	448		
k_LVSMNotDetect_ms_u16p0	36534		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.5644245		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	112.882156		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap	16392		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current	3561611264		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LOISet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	3754235904	✔
CustBattDiag_LVCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	398777344	398777344	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280	4249569280	✔
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824	2443405824	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	3588861952	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3561611264	3561611264	✔
CustBattDiag_LVLSClr_ms_M_u32p0	4176016384	4176016384	✔
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048	1941698048	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768	2962080768	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784	1287734784	✔



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CustBattDiag\_Per2



T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.11 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2205622016
CustBattDiag_LOISet_ms_M_u32p0	3212237056
CustBattDiag_LVCClr_ms_M_u32p0	3054939904
CustBattDiag_LVCSet_ms_M_u32p0	3894733056
CustBattDiag_LVHSCClr_ms_M_u32p0	2610930432
CustBattDiag_LVHSCSet_ms_M_u32p0	243006720
CustBattDiag_LVHSClr_ms_M_u32p0	2205622016
CustBattDiag_LVHSCSet_ms_M_u32p0	3212237056
CustBattDiag_LVLSCClr_ms_M_u32p0	1496999680
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240
CustBattDiag_LVLSClr_ms_M_u32p0	3829193472
CustBattDiag_LVLSSet_ms_M_u32p0	3810129152
CustBattDiag_LVSMClr_ms_M_u32p0	2601216768
CustBattDiag_LVSMSet_ms_M_u32p0	3041854720
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	45.4453697
k_CustBattDiaghispd_kph_f32	379.788818
k_CustBattDiaglospd_kph_f32	409.25943
k_LOIDetect_ms_u16p0	65535
k_LOINotDetect_ms_u16p0	32088
k_LVCDetect_Volts_u10p6	1560
k_LVCDetect_ms_u16p0	50161
k_LVCNotDetect_Volts_u10p6	640
k_LVCNotDetect_ms_u16p0	26241
k_LVHSCDetect_Volts_u10p6	768
k_LVHSCDetect_ms_u16p0	4637
k_LVHSCNotDetect_Volts_u10p6	640
k_LVHSCNotDetect_ms_u16p0	29483
k_LVHSDetect_Volts_u10p6	1560
k_LVHSDetect_ms_u16p0	33110
k_LVHSNotDetect_Volts_u10p6	640
k_LVHSNotDetect_ms_u16p0	19866
k_LVLSCDetect_Volts_u10p6	1560
k_LVLSCDetect_ms_u16p0	19379
k_LVLSCNotDetect_Volts_u10p6	640
k_LVLSCNotDetect_ms_u16p0	31136
k_LVLSDetect_Volts_u10p6	1560
k_LVLSDetect_ms_u16p0	35272
k_LVLSNotDetect_Volts_u10p6	640
k_LVLSNotDetect_ms_u16p0	29309
k_LVSMDetect_Volts_u10p6	1560
k_LVSMDetect_ms_u16p0	60334
k_LVSMNotDetect_Volts_u10p6	640
k_LVSMNotDetect_ms_u16p0	58564
target_CustBattDiag_Per2_Batt_Volt_f32.value	24.5667973
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

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CustBattDiag\_Per2

Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	294.278442		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33544		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3215775488		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3215775488	3215775488	✔
CustBattDiag_LOISet_ms_M_u32p0	3212237056	3212237056	✔
CustBattDiag_LVCClr_ms_M_u32p0	3054939904	3054939904	✔
CustBattDiag_LVCSet_ms_M_u32p0	3894733056	3894733056	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2610930432	2610930432	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	243006720	243006720	✔
CustBattDiag_LVHSClr_ms_M_u32p0	2205622016	2205622016	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3215775488	3215775488	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	1496999680	1496999680	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240	2035114240	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3829193472	3829193472	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3215775488	3215775488	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2601216768	2601216768	✔
CustBattDiag_LVSMSet_ms_M_u32p0	3041854720	3041854720	✔
NTC_Cnt_T_enum	0xE8	0xE8	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE1	0xE1	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE2	0xE2	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
	ControlTimers	1	ControlTimers	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

## Test Step 3.12 (Repeat Count = 1)

Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2155177472
CustBattDiag_LOISet_ms_M_u32p0	2346596352
CustBattDiag_LVCClr_ms_M_u32p0	2597762560
CustBattDiag_LVCSet_ms_M_u32p0	504629248
CustBattDiag_LVHSCClr_ms_M_u32p0	1863047680
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712
CustBattDiag_LVHSCClr_ms_M_u32p0	2155177472
CustBattDiag_LVHSCSet_ms_M_u32p0	2346596352
CustBattDiag_LVLSCClr_ms_M_u32p0	105614848
CustBattDiag_LVLSCSet_ms_M_u32p0	3262816256
CustBattDiag_LVLSCClr_ms_M_u32p0	2954113536
CustBattDiag_LVLSSet_ms_M_u32p0	543482880
CustBattDiag_LVSMClr_ms_M_u32p0	3119022592
CustBattDiag_LVSMSet_ms_M_u32p0	2449847296
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime

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CustBattDiag\_Per2

Name	Input Value		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	320.638763		
k_CustBattDiaghispd_kph_f32	292.821899		
k_CustBattDiaglospd_kph_f32	408.871185		
k_LOIDetect_ms_u16p0	59676		
k_LOINotDetect_ms_u16p0	58096		
k_LVCDetect_Volts_u10p6	256		
k_LVCDetect_ms_u16p0	6926		
k_LVCNotDetect_Volts_u10p6	1664		
k_LVCNotDetect_ms_u16p0	25334		
k_LVHSCDetect_Volts_u10p6	256		
k_LVHSCDetect_ms_u16p0	3146		
k_LVHSCNotDetect_Volts_u10p6	1664		
k_LVHSCNotDetect_ms_u16p0	12982		
k_LVHSDetect_Volts_u10p6	256		
k_LVHSDetect_ms_u16p0	28349		
k_LVHSNotDetect_Volts_u10p6	1664		
k_LVHSNotDetect_ms_u16p0	5772		
k_LVLSCDetect_Volts_u10p6	256		
k_LVLSCDetect_ms_u16p0	18681		
k_LVLSCNotDetect_Volts_u10p6	1664		
k_LVLSCNotDetect_ms_u16p0	19274		
k_LVLSDetect_Volts_u10p6	256		
k_LVLSDetect_ms_u16p0	3290		
k_LVLSNotDetect_Volts_u10p6	1664		
k_LVLSNotDetect_ms_u16p0	61904		
k_LVSMDetect_Volts_u10p6	256		
k_LVSMDetect_ms_u16p0	59720		
k_LVSMNotDetect_Volts_u10p6	1664		
k_LVSMNotDetect_ms_u16p0	4124		
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.74556828		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_StdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	185.706665		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	53879		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3904126464		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_lgc	target_CustBattDiag_Per2_StdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2155177472	2155177472	✔
CustBattDiag_LOISet_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVCClr_ms_M_u32p0	2597762560	2597762560	✔
CustBattDiag_LVCSet_ms_M_u32p0	504629248	504629248	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	1863047680	1863047680	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712	2422131712	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	105614848	105614848	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	3262816256	3262816256	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVLSSet_ms_M_u32p0	3904126464	3904126464	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3119022592	3119022592	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2449847296	2449847296	✔







T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

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Test Step 3.13 (Repeat Count = 1)				
Name		Input Value		
CustBattDiag_LOIClr_ms_M_u32p0		3559262720		
CustBattDiag_LOISet_ms_M_u32p0		4025515008		
CustBattDiag_LVCClr_ms_M_u32p0		3320863232		
CustBattDiag_LVCSet_ms_M_u32p0		3019328512		
CustBattDiag_LVHSCClr_ms_M_u32p0		2181086720		
CustBattDiag_LVHSCSet_ms_M_u32p0		2531217408		
CustBattDiag_LVHSClr_ms_M_u32p0		3559262720		
CustBattDiag_LVHSSet_ms_M_u32p0		4025515008		
CustBattDiag_LVLSCClr_ms_M_u32p0		828944896		
CustBattDiag_LVLSCSet_ms_M_u32p0		4025312256		
CustBattDiag_LVLSClr_ms_M_u32p0		421828096		
CustBattDiag_LVLSSet_ms_M_u32p0		3092047872		
CustBattDiag_LVSMClr_ms_M_u32p0		3193038336		
CustBattDiag_LVSMSet_ms_M_u32p0		2637084672		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)		target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTim		target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime)		target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag		target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()		0		
k_CustBattDiagLOIspd_kph_f32		96.8070526		
k_CustBattDiaghispd_kph_f32		498.065857		
k_CustBattDiaglospd_kph_f32		347.690521		
k_LOIDetect_ms_u16p0		47656		
k_LOINotDetect_ms_u16p0		26033		
k_LVCDetect_Volts_u10p6		0		
k_LVCDetect_ms_u16p0		30883		
k_LVCNotDetect_Volts_u10p6		0		
k_LVCNotDetect_ms_u16p0		13669		
k_LVHSCDetect_Volts_u10p6		0		
k_LVHSCDetect_ms_u16p0		60334		
k_LVHSCNotDetect_Volts_u10p6		0		
k_LVHSCNotDetect_ms_u16p0		63581		
k_LVHSDetect_Volts_u10p6		0		
k_LVHSDetect_ms_u16p0		64178		
k_LVHSNotDetect_Volts_u10p6		0		
k_LVHSNotDetect_ms_u16p0		49998		
k_LVLSCDetect_Volts_u10p6		0		
k_LVLSCDetect_ms_u16p0		4315		
k_LVLSCNotDetect_Volts_u10p6		0		
k_LVLSCNotDetect_ms_u16p0		55992		
k_LVLSDetect_Volts_u10p6		0		
k_LVLSDetect_ms_u16p0		43908		
k_LVLSNotDetect_Volts_u10p6		0		
k_LVLSNotDetect_ms_u16p0		14291		
k_LVSMDetect_Volts_u10p6		0		
k_LVSMDetect_ms_u16p0		6858		
k_LVSMNotDetect_Volts_u10p6		0		
k_LVSMNotDetect_ms_u16p0		2627		
target_CustBattDiag_Per2_Batt_Volt_f32.value		12.6701546		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value		0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value		7		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value		0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value		1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value		326.560455		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap		45015		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current		1535664640		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc		target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08		target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc		target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	1535664640	1535664640		
CustBattDiag_LOISet_ms_M_u32p0	1535664640	1535664640		
CustBattDiag_LVCClr_ms_M_u32p0	3320863232	3320863232		
CustBattDiag_LVCSet_ms_M_u32p0	3019328512	3019328512		
CustBattDiag_LVHSCClr_ms_M_u32p0	2181086720	2181086720		

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSCSet_ms_M_u32p0	2531217408	2531217408	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3559262720	3559262720	✓
CustBattDiag_LVHSSet_ms_M_u32p0	1535664640	1535664640	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	828944896	828944896	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4025312256	4025312256	✓
CustBattDiag_LVLSClr_ms_M_u32p0	421828096	421828096	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1535664640	1535664640	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3193038336	3193038336	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2637084672	2637084672	✓
NTC_Cnt_T_enum	0xE2	0xE2	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓	

Test Step 3.14 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	2456419840	
CustBattDiag_LOISet_ms_M_u32p0	3795488768	
CustBattDiag_LVCClr_ms_M_u32p0	1769033216	
CustBattDiag_LVCSet_ms_M_u32p0	923164672	
CustBattDiag_LVHSCClr_ms_M_u32p0	2441474560	
CustBattDiag_LVHSCSet_ms_M_u32p0	3877413888	
CustBattDiag_LVHSClr_ms_M_u32p0	2456419840	
CustBattDiag_LVHSSet_ms_M_u32p0	3795488768	
CustBattDiag_LVLSCClr_ms_M_u32p0	3412272640	
CustBattDiag_LVLSCSet_ms_M_u32p0	2943481856	
CustBattDiag_LVLSClr_ms_M_u32p0	1041975808	
CustBattDiag_LVLSSet_ms_M_u32p0	716684288	
CustBattDiag_LVSMClr_ms_M_u32p0	3509950976	
CustBattDiag_LVSMSet_ms_M_u32p0	1687063552	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2	
k_CustBattDiagLOIspd_kph_f32	279.348053	
k_CustBattDiaghispd_kph_f32	413.391632	
k_CustBattDiaglospd_kph_f32	508.640625	
k_LOIDetect_ms_u16p0	52929	
k_LOINotDetect_ms_u16p0	22176	
k_LVCDetect_Volts_u10p6	832	
k_LVCDetect_ms_u16p0	61489	
k_LVCNotDetect_Volts_u10p6	1344	
k_LVCNotDetect_ms_u16p0	19545	
k_LVHSCDetect_Volts_u10p6	1088	
k_LVHSCDetect_ms_u16p0	53911	
k_LVHSCNotDetect_Volts_u10p6	1344	
k_LVHSCNotDetect_ms_u16p0	27956	
k_LVHSDetect_Volts_u10p6	832	
k_LVHSDetect_ms_u16p0	53190	
k_LVHSNotDetect_Volts_u10p6	1344	
k_LVHSNotDetect_ms_u16p0	43852	
k_LVLSCDetect_Volts_u10p6	832	
k_LVLSCDetect_ms_u16p0	62125	
k_LVLSCNotDetect_Volts_u10p6	1344	
k_LVLSCNotDetect_ms_u16p0	970	
k_LVLSDetect_Volts_u10p6	832	
k_LVLSDetect_ms_u16p0	38169	

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Name	Input Value
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	50147
k_LVSMDetect_Volts_u10p6	832
k_LVSMDetect_ms_u16p0	33650
k_LVSMNotDetect_Volts_u10p6	1344
k_LVSMNotDetect_ms_u16p0	49186
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.0246253
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.934296
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	5055
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	300275200
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2456419840	2456419840	✓
CustBattDiag_LOISet_ms_M_u32p0	300275200	300275200	✓
CustBattDiag_LVCClr_ms_M_u32p0	300275200	300275200	✓
CustBattDiag_LVCSet_ms_M_u32p0	923164672	923164672	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	300275200	300275200	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	300275200	300275200	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2456419840	2456419840	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3795488768	3795488768	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	300275200	300275200	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2943481856	2943481856	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1041975808	1041975808	✓
CustBattDiag_LVLSSet_ms_M_u32p0	716684288	716684288	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3509950976	3509950976	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1687063552	1687063552	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.15 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2456830464
CustBattDiag_LOISet_ms_M_u32p0	1464038400
CustBattDiag_LVCClr_ms_M_u32p0	3628634624
CustBattDiag_LVCSet_ms_M_u32p0	3985130496
CustBattDiag_LVHSCClr_ms_M_u32p0	4114249216
CustBattDiag_LVHSCSet_ms_M_u32p0	3884828672
CustBattDiag_LVHSClr_ms_M_u32p0	2456830464
CustBattDiag_LVHSSet_ms_M_u32p0	1464038400
CustBattDiag_LVLSCClr_ms_M_u32p0	1263135232
CustBattDiag_LVLSCSet_ms_M_u32p0	1349475328
CustBattDiag_LVLSClr_ms_M_u32p0	2763476480
CustBattDiag_LVLSSet_ms_M_u32p0	2168217600
CustBattDiag_LVSMClr_ms_M_u32p0	2551356928
CustBattDiag_LVSMSet_ms_M_u32p0	2273062912
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

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Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	107.771545		
k_CustBattDiaghispd_kph_f32	39.9812546		
k_CustBattDiaglospd_kph_f32	190.972672		
k_LOIDetect_ms_u16p0	4002		
k_LOINotDetect_ms_u16p0	39883		
k_LVCDetect_Volts_u10p6	1472		
k_LVCDetect_ms_u16p0	21664		
k_LVCNotDetect_Volts_u10p6	1664		
k_LVCNotDetect_ms_u16p0	63074		
k_LVHSCDetect_Volts_u10p6	1280		
k_LVHSCDetect_ms_u16p0	6702		
k_LVHSCNotDetect_Volts_u10p6	1664		
k_LVHSCNotDetect_ms_u16p0	31756		
k_LVHSDetect_Volts_u10p6	1472		
k_LVHSDetect_ms_u16p0	17676		
k_LVHSNotDetect_Volts_u10p6	1664		
k_LVHSNotDetect_ms_u16p0	36148		
k_LVLSCDetect_Volts_u10p6	1472		
k_LVLSCDetect_ms_u16p0	8871		
k_LVLSCNotDetect_Volts_u10p6	1664		
k_LVLSCNotDetect_ms_u16p0	46559		
k_LVLSDetect_Volts_u10p6	1472		
k_LVLSDetect_ms_u16p0	28336		
k_LVLSNotDetect_Volts_u10p6	1664		
k_LVLSNotDetect_ms_u16p0	19265		
k_LVSMDetect_Volts_u10p6	1472		
k_LVSMDetect_ms_u16p0	38197		
k_LVSMNotDetect_Volts_u10p6	1664		
k_LVSMNotDetect_ms_u16p0	43225		
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.45004845		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	418.546173		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1767		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4279998976		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2456830464	2456830464	✔
CustBattDiag_LOISet_ms_M_u32p0	1464038400	1464038400	✔
CustBattDiag_LVCClr_ms_M_u32p0	3628634624	3628634624	✔
CustBattDiag_LVCSet_ms_M_u32p0	3985130496	3985130496	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	4279998976	4279998976	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3884828672	3884828672	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	2456830464	2456830464	✔
CustBattDiag_LVHSSet_ms_M_u32p0	1464038400	1464038400	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	4279998976	4279998976	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	4279998976	4279998976	✔
CustBattDiag_LVLSClr_ms_M_u32p0	2763476480	2763476480	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2168217600	2168217600	✔
CustBattDiag_LVSMClr_ms_M_u32p0	2551356928	2551356928	✔
CustBattDiag_LVSMSet_ms_M_u32p0	2273062912	2273062912	✔



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CustBattDiag\_Per2

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	2	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 3.16 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3235667712
CustBattDiag_LOISet_ms_M_u32p0	3073251584
CustBattDiag_LVCClr_ms_M_u32p0	1892413184
CustBattDiag_LVCSet_ms_M_u32p0	2443979008
CustBattDiag_LVHSCClr_ms_M_u32p0	3464028928
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104
CustBattDiag_LVHSCClr_ms_M_u32p0	3235667712
CustBattDiag_LVHSCSet_ms_M_u32p0	3073251584
CustBattDiag_LVLSCClr_ms_M_u32p0	2596775680
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216
CustBattDiag_LVLSCLR_ms_M_u32p0	3513654016
CustBattDiag_LVLSSET_ms_M_u32p0	444413184
CustBattDiag_LVSMCLR_ms_M_u32p0	3096226560
CustBattDiag_LVSMSET_ms_M_u32p0	1233274112
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
k_CustBattDiagLOIspd_kph_f32	379.606506
k_CustBattDiaghispd_kph_f32	320.949524
k_CustBattDiaglospd_kph_f32	320.064056
k_LOIDetect_ms_u16p0	36868
k_LOINotDetect_ms_u16p0	54309
k_LVCDetect_Volts_u10p6	1728
k_LVCDetect_ms_u16p0	16816
k_LVCNotDetect_Volts_u10p6	1216
k_LVCNotDetect_ms_u16p0	35502
k_LVHSCDetect_Volts_u10p6	1280
k_LVHSCDetect_ms_u16p0	53260
k_LVHSCNotDetect_Volts_u10p6	1216
k_LVHSCNotDetect_ms_u16p0	48137
k_LVHSDetect_Volts_u10p6	1728
k_LVHSDetect_ms_u16p0	20654
k_LVHSNotDetect_Volts_u10p6	1216
k_LVHSNotDetect_ms_u16p0	16073
k_LVLSCDetect_Volts_u10p6	1728
k_LVLSCDetect_ms_u16p0	53710
k_LVLSCNotDetect_Volts_u10p6	1216
k_LVLSCNotDetect_ms_u16p0	50889
k_LVLSDetect_Volts_u10p6	1728
k_LVLSDetect_ms_u16p0	44747
k_LVLSNotDetect_Volts_u10p6	1216
k_LVLSNotDetect_ms_u16p0	54351
k_LVSMDetect_Volts_u10p6	1728
k_LVSMDetect_ms_u16p0	64665
k_LVSMNotDetect_Volts_u10p6	1216
k_LVSMNotDetect_ms_u16p0	57406
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.92610836
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	130.187088
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3972

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Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3454670592		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_lgc	target_CustBattDiag_Per2_StdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3235667712	3235667712	✔
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVCClr_ms_M_u32p0	1892413184	1892413184	✔
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	2443979008	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104	3183951104	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712	3235667712	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3073251584	3073251584	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216	1802281216	✔
CustBattDiag_LVLSCLR_ms_M_u32p0	3513654016	3513654016	✔
CustBattDiag_LVLSSet_ms_M_u32p0	444413184	444413184	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3096226560	3096226560	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1233274112	1233274112	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.17 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	369773056
CustBattDiag_LOISet_ms_M_u32p0	3187588096
CustBattDiag_LVCClr_ms_M_u32p0	1424267776
CustBattDiag_LVCSet_ms_M_u32p0	4187327488
CustBattDiag_LVHSCClr_ms_M_u32p0	3603496448
CustBattDiag_LVHSCSet_ms_M_u32p0	3010564096
CustBattDiag_LVHSClr_ms_M_u32p0	369773056
CustBattDiag_LVHSCSet_ms_M_u32p0	3187588096
CustBattDiag_LVLSCClr_ms_M_u32p0	2706698752
CustBattDiag_LVLSCSet_ms_M_u32p0	759407616
CustBattDiag_LVLSCLR_ms_M_u32p0	1818547712
CustBattDiag_LVLSSet_ms_M_u32p0	2249664512
CustBattDiag_LVSMClr_ms_M_u32p0	1973560832
CustBattDiag_LVSMSet_ms_M_u32p0	2441672704
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOlspd_kph_f32	320.369812
k_CustBattDiaghispd_kph_f32	113.396095
k_CustBattDiaglospd_kph_f32	173.571808
k_LOIDetect_ms_u16p0	30142
k_LOINotDetect_ms_u16p0	43486
k_LVCDetect_Volts_u10p6	1024
k_LVCDetect_ms_u16p0	44313
k_LVCNotDetect_Volts_u10p6	832
k_LVCNotDetect_ms_u16p0	1905
k_LVHSCDetect_Volts_u10p6	1472
k_LVHSCDetect_ms_u16p0	62100
k_LVHSCNotDetect_Volts_u10p6	832
k_LVHSCNotDetect_ms_u16p0	46937

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Name	Input Value		
k_LVHSDetect_Volts_u10p6	1024		
k_LVHSDetect_ms_u16p0	39904		
k_LVHSNotDetect_Volts_u10p6	832		
k_LVHSNotDetect_ms_u16p0	58194		
k_LVLSCDetect_Volts_u10p6	1024		
k_LVLSCDetect_ms_u16p0	34301		
k_LVLSCNotDetect_Volts_u10p6	832		
k_LVLSCNotDetect_ms_u16p0	30096		
k_LVLSDetect_Volts_u10p6	1024		
k_LVLSDetect_ms_u16p0	27246		
k_LVLSNotDetect_Volts_u10p6	832		
k_LVLSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1024		
k_LVSMDetect_ms_u16p0	3197		
k_LVSMNotDetect_Volts_u10p6	832		
k_LVSMNotDetect_ms_u16p0	28459		
target_CustBattDiag_Per2_Batt_Volt_f32.value	14.9007568		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target_CustBattDiag_Per2_StdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	140.668808		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	38873		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1080336896		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StdSelected_Cnt_lgc	target_CustBattDiag_Per2_StdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1080336896	1080336896	✔
CustBattDiag_LOISet_ms_M_u32p0	1080336896	1080336896	✔
CustBattDiag_LVCClr_ms_M_u32p0	1424267776	1424267776	✔
CustBattDiag_LVCSet_ms_M_u32p0	4187327488	4187327488	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3603496448	3603496448	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	1080336896	1080336896	✔
CustBattDiag_LVHSClr_ms_M_u32p0	369773056	369773056	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3187588096	3187588096	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	2706698752	2706698752	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1080336896	1080336896	✔
CustBattDiag_LVLSClr_ms_M_u32p0	1818547712	1818547712	✔
CustBattDiag_LVLSSet_ms_M_u32p0	2249664512	2249664512	✔
CustBattDiag_LVSMClr_ms_M_u32p0	1973560832	1973560832	✔
CustBattDiag_LVSMSet_ms_M_u32p0	1080336896	1080336896	✔
NTC_Cnt_T_enum	0xE6	0xE6	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔
NTC_Cnt_T_enum	0xE4	0xE4	✔
Param_Cnt_T_u08	0x00	0x00	✔
Status_Cnt_T_enum	0x00	0x00	✔

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓

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Test Step 3.18 (Repeat Count = 1)				✓
Name	Input Value			
CustBattDiag_LOIClr_ms_M_u32p0	161899008			
CustBattDiag_LOISet_ms_M_u32p0	2536412160			
CustBattDiag_LVCClr_ms_M_u32p0	3339104768			
CustBattDiag_LVCSet_ms_M_u32p0	1648059392			
CustBattDiag_LVHSCClr_ms_M_u32p0	606246400			
CustBattDiag_LVHSCSet_ms_M_u32p0	3069896704			
CustBattDiag_LVHSClr_ms_M_u32p0	161899008			
CustBattDiag_LVHSCSet_ms_M_u32p0	2536412160			
CustBattDiag_LVLSCClr_ms_M_u32p0	973343232			
CustBattDiag_LVLSCSet_ms_M_u32p0	1014922240			
CustBattDiag_LVLSClr_ms_M_u32p0	3126554112			
CustBattDiag_LVLSSet_ms_M_u32p0	1019576320			
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295			
CustBattDiag_LVSMSet_ms_M_u32p0	3209515008			
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2			
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2			
k_CustBattDiagLOIspd_kph_f32	61.2756348			
k_CustBattDiaghispd_kph_f32	89.39888			
k_CustBattDiaglospd_kph_f32	251.732712			
k_LOIDetect_ms_u16p0	40657			
k_LOINotDetect_ms_u16p0	47269			
k_LVCDetect_Volts_u10p6	0			
k_LVCDetect_ms_u16p0	11840			
k_LVCNotDetect_Volts_u10p6	768			
k_LVCNotDetect_ms_u16p0	47148			
k_LVHSCDetect_Volts_u10p6	1792			
k_LVHSCDetect_ms_u16p0	33797			
k_LVHSCNotDetect_Volts_u10p6	768			
k_LVHSCNotDetect_ms_u16p0	846			
k_LVHSDetect_Volts_u10p6	0			
k_LVHSDetect_ms_u16p0	20860			
k_LVHSNotDetect_Volts_u10p6	768			
k_LVHSNotDetect_ms_u16p0	21883			
k_LVLSCDetect_Volts_u10p6	0			
k_LVLSCDetect_ms_u16p0	42844			
k_LVLSCNotDetect_Volts_u10p6	768			
k_LVLSCNotDetect_ms_u16p0	59599			
k_LVLSDetect_Volts_u10p6	0			
k_LVLSDetect_ms_u16p0	46281			
k_LVLSNotDetect_Volts_u10p6	768			
k_LVLSNotDetect_ms_u16p0	35062			
k_LVSMDetect_Volts_u10p6	0			
k_LVSMDetect_ms_u16p0	41266			
k_LVSMNotDetect_Volts_u10p6	768			
k_LVSMNotDetect_ms_u16p0	25041			
target_CustBattDiag_Per2_Batt_Volt_f32.value	31			
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0			
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9			
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	28.5525455			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	29453			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2001582592			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_Igc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_Igc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	2001582592	2001582592	✓	
CustBattDiag_LOISet_ms_M_u32p0	2001582592	2001582592	✓	
CustBattDiag_LVCClr_ms_M_u32p0	3339104768	3339104768	✓	
CustBattDiag_LVCSet_ms_M_u32p0	1648059392	1648059392	✓	
CustBattDiag_LVHSCClr_ms_M_u32p0	606246400	606246400	✓	
CustBattDiag_LVHSCSet_ms_M_u32p0	2001582592	2001582592	✓	
CustBattDiag_LVHSClr_ms_M_u32p0	161899008	161899008	✓	

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	2536412160	2536412160	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	973343232	973343232	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2001582592	2001582592	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3126554112	3126554112	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1019576320	1019576320	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3209515008	3209515008	✓
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	✓
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓

Test Step 3.19 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2998115584
CustBattDiag_LOISet_ms_M_u32p0	2707621632
CustBattDiag_LVCClr_ms_M_u32p0	533900544
CustBattDiag_LVCSet_ms_M_u32p0	930912000
CustBattDiag_LVHSCClr_ms_M_u32p0	3306094848
CustBattDiag_LVHSCSet_ms_M_u32p0	2353924864
CustBattDiag_LVHSClr_ms_M_u32p0	2998115584
CustBattDiag_LVHSSet_ms_M_u32p0	2707621632
CustBattDiag_LVLSCClr_ms_M_u32p0	171615488
CustBattDiag_LVLSCSet_ms_M_u32p0	856903424
CustBattDiag_LVLSClr_ms_M_u32p0	2479126784
CustBattDiag_LVLSSet_ms_M_u32p0	55460608
CustBattDiag_LVSMClr_ms_M_u32p0	4223262976
CustBattDiag_LVSMSet_ms_M_u32p0	519492352
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	379.448914
k_CustBattDiaghispd_kph_f32	322.19455
k_CustBattDiaglospd_kph_f32	302.917297
k_LOIDetect_ms_u16p0	26905
k_LOINotDetect_ms_u16p0	41814
k_LVCDetect_Volts_u10p6	1472
k_LVCDetect_ms_u16p0	60494
k_LVCNotDetect_Volts_u10p6	1088
k_LVCNotDetect_ms_u16p0	31296
k_LVHSCDetect_Volts_u10p6	1536
k_LVHSCDetect_ms_u16p0	48062
k_LVHSCNotDetect_Volts_u10p6	1088
k_LVHSCNotDetect_ms_u16p0	31643
k_LVHSDetect_Volts_u10p6	1472
k_LVHSDetect_ms_u16p0	12538
k_LVHSNotDetect_Volts_u10p6	1088
k_LVHSNotDetect_ms_u16p0	27061
k_LVLSCDetect_Volts_u10p6	1472
k_LVLSCDetect_ms_u16p0	18024
k_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	36935
k_LVLSDetect_Volts_u10p6	1472
k_LVLSDetect_ms_u16p0	45507
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	23156

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Name	Input Value		
k_LVSMDetect_Volts_u10p6	1472		
k_LVSMDetect_ms_u16p0	46119		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	36483		
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.3983498		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	352.24881		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	40151		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3575485696		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3575485696	3575485696	✓
CustBattDiag_LOISet_ms_M_u32p0	3575485696	3575485696	✓
CustBattDiag_LVCClr_ms_M_u32p0	533900544	533900544	✓
CustBattDiag_LVCSet_ms_M_u32p0	930912000	930912000	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3306094848	3306094848	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2353924864	2353924864	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2998115584	2998115584	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2707621632	2707621632	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	171615488	171615488	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	856903424	856903424	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2479126784	2479126784	✓
CustBattDiag_LVLSSet_ms_M_u32p0	55460608	55460608	✓
CustBattDiag_LVSMClr_ms_M_u32p0	4223262976	4223262976	✓
CustBattDiag_LVSMSet_ms_M_u32p0	519492352	519492352	✓

T	Actual Function	Count	Expected Function	Count	Result
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓

Test Step 3.20 (Repeat Count = 1)	Name	Input Value
	CustBattDiag_LOIClr_ms_M_u32p0	3235667712
	CustBattDiag_LOISet_ms_M_u32p0	3073251584
	CustBattDiag_LVCClr_ms_M_u32p0	1892413184
	CustBattDiag_LVCSet_ms_M_u32p0	2443979008
	CustBattDiag_LVHSCClr_ms_M_u32p0	3464028928
	CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104
	CustBattDiag_LVHSCClr_ms_M_u32p0	3235667712
	CustBattDiag_LVHSCSet_ms_M_u32p0	3073251584
	CustBattDiag_LVLSCClr_ms_M_u32p0	2596775680
	CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216
	CustBattDiag_LVLSCClr_ms_M_u32p0	3513654016
	CustBattDiag_LVLSCSet_ms_M_u32p0	444413184
	CustBattDiag_LVSMClr_ms_M_u32p0	3096226560
	CustBattDiag_LVSMSet_ms_M_u32p0	1233274112
	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
	Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
	k_CustBattDiagLOIspd_kph_f32	379.606506
	k_CustBattDiaghispd_kph_f32	0
	k_CustBattDiaglospd_kph_f32	320.064056
	k_LOIDetect_ms_u16p0	36868
	k_LOINotDetect_ms_u16p0	54309
	k_LVCDetect_Volts_u10p6	1728
	k_LVCDetect_ms_u16p0	16816
	k_LVCNotDetect_Volts_u10p6	1216

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Name	Input Value		
k_LVCNotDetect_ms_u16p0	35502		
k_LVHSCDetect_Volts_u10p6	1280		
k_LVHSCDetect_ms_u16p0	53260		
k_LVHSCNotDetect_Volts_u10p6	1216		
k_LVHSCNotDetect_ms_u16p0	48137		
k_LVHSDetect_Volts_u10p6	1728		
k_LVHSDetect_ms_u16p0	20654		
k_LVHSNotDetect_Volts_u10p6	1216		
k_LVHSNotDetect_ms_u16p0	16073		
k_LVLSCDetect_Volts_u10p6	1728		
k_LVLSCDetect_ms_u16p0	53710		
k_LVLSCNotDetect_Volts_u10p6	1216		
k_LVLSCNotDetect_ms_u16p0	50889		
k_LVLSDetect_Volts_u10p6	1728		
k_LVLSDetect_ms_u16p0	44747		
k_LVLSNotDetect_Volts_u10p6	1216		
k_LVLSNotDetect_ms_u16p0	54351		
k_LVSMDetect_Volts_u10p6	1728		
k_LVSMDetect_ms_u16p0	64665		
k_LVSMNotDetect_Volts_u10p6	1216		
k_LVSMNotDetect_ms_u16p0	57406		
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.92610836		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	130.187088		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3972		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3454670592		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3235667712	3235667712	✔
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVCClr_ms_M_u32p0	1892413184	1892413184	✔
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	2443979008	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104	3183951104	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712	3235667712	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584	3073251584	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216	1802281216	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3513654016	3513654016	✔
CustBattDiag_LVLSSet_ms_M_u32p0	444413184	444413184	✔
CustBattDiag_LVSMClr_ms_M_u32p0	3096226560	3096226560	✔
CustBattDiag_LVSMSet ms_M_u32p0	1233274112	1233274112	✔

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	

Test Step 3.21 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3235667712	
CustBattDiag_LOISet_ms_M_u32p0	3073251584	
CustBattDiag_LVCClr_ms_M_u32p0	1892413184	



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CustBattDiag\_Per2

Name	Input Value		
CustBattDiag_LVCSet_ms_M_u32p0	2443979008		
CustBattDiag_LVHSCClr_ms_M_u32p0	3464028928		
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104		
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712		
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584		
CustBattDiag_LVLSCClr_ms_M_u32p0	2596775680		
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216		
CustBattDiag_LVLSClr_ms_M_u32p0	3513654016		
CustBattDiag_LVLSSet_ms_M_u32p0	444413184		
CustBattDiag_LVSMClr_ms_M_u32p0	3096226560		
CustBattDiag_LVSMSet_ms_M_u32p0	1233274112		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0		
k_CustBattDiagLOlspd_kph_f32	379.606506		
k_CustBattDiaghispd_kph_f32	322.19455		
k_CustBattDiaglospd_kph_f32	320.064056		
k_LOIDetect_ms_u16p0	36868		
k_LOINotDetect_ms_u16p0	54309		
k_LVCDetect_Volts_u10p6	1728		
k_LVCDetect_ms_u16p0	16816		
k_LVCNotDetect_Volts_u10p6	1216		
k_LVCNotDetect_ms_u16p0	35502		
k_LVHSCDetect_Volts_u10p6	1280		
k_LVHSCDetect_ms_u16p0	53260		
k_LVHSCNotDetect_Volts_u10p6	1216		
k_LVHSCNotDetect_ms_u16p0	48137		
k_LVHSDetect_Volts_u10p6	1728		
k_LVHSDetect_ms_u16p0	20654		
k_LVHSNotDetect_Volts_u10p6	1216		
k_LVHSNotDetect_ms_u16p0	16073		
k_LVLSCDetect_Volts_u10p6	1728		
k_LVLSCDetect_ms_u16p0	53710		
k_LVLSCNotDetect_Volts_u10p6	1216		
k_LVLSCNotDetect_ms_u16p0	50889		
k_LVLSDetect_Volts_u10p6	1728		
k_LVLSDetect_ms_u16p0	44747		
k_LVLSNotDetect_Volts_u10p6	1216		
k_LVLSNotDetect_ms_u16p0	54351		
k_LVSMDetect_Volts_u10p6	1728		
k_LVSMDetect_ms_u16p0	64665		
k_LVSMNotDetect_Volts_u10p6	1216		
k_LVSMNotDetect_ms_u16p0	57406		
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.92610836		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	3972		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3454670592		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVCClr_ms_M_u32p0	1892413184	1892413184	✔
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	2443979008	✔
CustBattDiag_LVHSCClr_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVHSCSet_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712	3235667712	✔
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584	3073251584	✔
CustBattDiag_LVLSCClr_ms_M_u32p0	3454670592	3454670592	✔
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216	1802281216	✔
CustBattDiag_LVLSClr_ms_M_u32p0	3513654016	3513654016	✔
CustBattDiag_LVLSSet ms M_u32p0	444413184	444413184	✔

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CustBattDiag\_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMClr_ms_M_u32p0	3096226560	3096226560	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1233274112	1233274112	✓

T					✓
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	✓	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
ControlTimers	1	ControlTimers	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓	