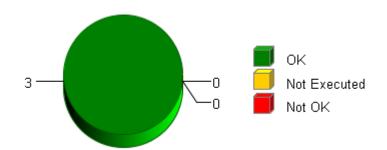


Summary

Overall Test Object Results (including Coverage)

Total Test Objects: 3
Successful: 3
Failed: 0
Not Executed: 0

Date: 2015-04-21 **Time:** 11:43:38+0530



Selected Project Items

Test Collection "CustBattDiag"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

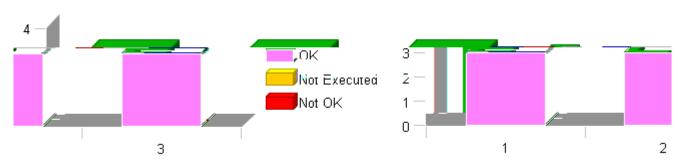
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: Yes

Instrumentation: Test Object Only

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

Decision Coverage, Multiple Condition Coverage

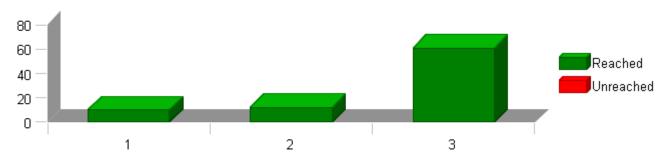
Test Case Results for Each Test Object (without Coverage)



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).

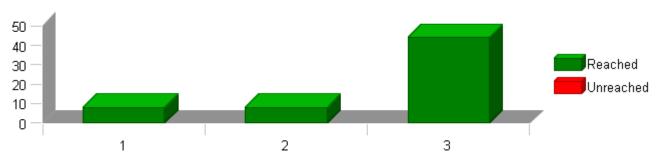


Statement (C0) Coverage: Total Statements for Each Test Object



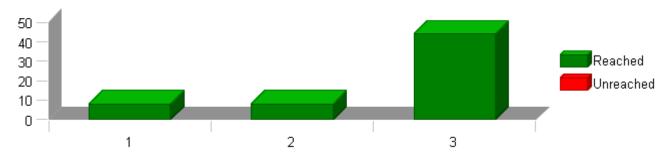
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

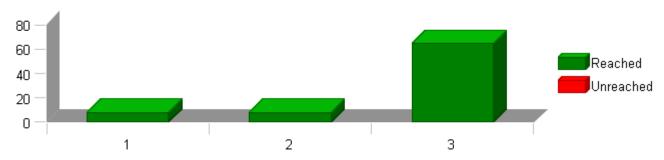


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



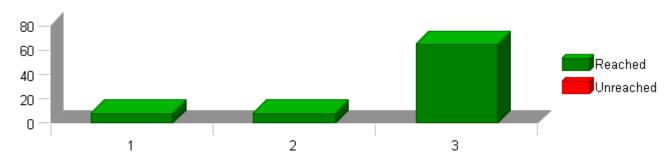
MC/DC Coverage: Total Condition Combinations for Each Test Object



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	МСС	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	<u>ControlTimers</u>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
2	CustBattDiag Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed
3	CustBattDiag Per2	100 %	100 %	100 %	100 %	100 %	3 of 3 passed

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 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\dp_CustBattDiag -I\$(PROJECTROOT)\utp\contract\dp_CustBattDiag -I\$(PROJECTROOT)\utp\contract\dp_CustBattDiag -I\$(PROJECTROOT)\utp\contract\dp_CustBattDiag -I\$(PROJECTROOT)\utp\contract\dpartition=\upp\contract\dp

Comments/Description	n/Specification
Name	Text
Module 'Ap_CustBattDiag'	**************************************
	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):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	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
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 Case 1: Metrics Test

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

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"

IST.2"

Longest Execution Path=>
(BattVoltage_Volts_T_u10p6 > k_UVNotDetect_Volts_u10p6)==>False
(BattVoltage_Volts_T_u10p6 < k_UVDetect_Volts_u10p6)==>False
ESTestStatus_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;"

CustBattDiag_OVClr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	t Step 1.1 (Repeat Count = 1)			✓
CustBattDiag_UVClr_ms_M_u32p0	e	Input Value		
CustBattDiag_UVClr_ms_M_u32p0	BattDiag_OVCIr_ms_M_u32p0	1932039680		
CustBattDiag_UVSet_ms_M_u32p0 3493764864 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u32_CurrentTime 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_SystemTime_GetSystemTime_mS_u32_CurrentTime k_OVDetect_voits_u10p6 14818 k_OVNotDetect_ms_u16p0 13448 k_UVDetect_ms_u16p0 44364 k_UVNotDetect_ms_u16p0 44364 k_UVNotDetect_ms_u16p0 44364 k_UVNotDetect_ms_u16p0 1472 k_UVNotDetect_ms_u16p0 36356 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap_27332 27332 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 1932039680 target_Rte_Call_Ap_CustBattDiag_CustBattDiag_Per1_Batt_Volt_f32 1932039680 Name Actual Value Expected Value Res CustBattDiag_OVClr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992	BattDiag_OVSet_ms_M_u32p0	2491700992		
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Rte_Inst_Ap_CustBattDiag		m target_Rte_Call_Ap_CustBattDiag_System	Fime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
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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 Res CustBattDiag_OVClr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	nst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
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 Res CustBattDiag_OVCIr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVCIr_ms_M_u32p0 1167422720 1167422720	Detect_Volts_u10p6	1408		
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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 Res CustBattDiag_OVCIr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVCIr_ms_M_u32p0 1167422720 1167422720	Detect_ms_u16p0	44364		
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 Res CustBattDiag_OVCIr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVCIr_ms_M_u32p0 1167422720 1167422720	NotDetect_Volts_u10p6	1472		
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 Res CustBattDiag_OVClr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	NotDetect_ms_u16p0	36356		
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 Res CustBattDiag_OVCIr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVCIr_ms_M_u32p0 1167422720 1167422720	_CustBattDiag_Per1_Batt_Volt_f32.value	31		
Name Actual Value Expected Value Res CustBattDiag_OVClr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E	ap 27332		
Name Actual Value Expected Value Res CustBattDiag_OVClr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curr	nt 1932039680		
CustBattDiag_OVClr_ms_M_u32p0 1932039680 1932039680 CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
CustBattDiag_OVSet_ms_M_u32p0 2491700992 2491700992 CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	e	Actual Value	Expected Value	Result
CustBattDiag_UVClr_ms_M_u32p0 1167422720 1167422720	BattDiag_OVClr_ms_M_u32p0	1932039680	1932039680	~
	BattDiag_OVSet_ms_M_u32p0	2491700992	2491700992	✓
CustPottDiag LIV/Cot ma M u22n0 1022020000	BattDiag_UVCIr_ms_M_u32p0	1167422720	1167422720	~
Cusidatinag_0v3et_iiis_ivi_u32th0 1932039000 1932039000	BattDiag_UVSet_ms_M_u32p0	1932039680	1932039680	~
NTC_Cnt_T_enum	Cnt_T_enum	0xE7	0xE7	~
Param_Cnt_T_u08 0x01 0x01	n_Cnt_T_u08	0x01	0x01	~
Status_Cnt_T_enum 0x01 0x01	s_Cnt_T_enum	0x01	0x01	~
NTC_Cnt_T_enum	Cnt_T_enum	0xE7	0xE7	~
Param_Cnt_T_u08 0x01 0x01	n_Cnt_T_u08	0x01	0x01	~
Status_Cnt_T_enum 0x01 0x01	s_Cnt_T_enum	0x01	0x01	~

Τ				
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



Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_E$	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_UVCIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_UVSet_ms_M_u32p0	4294967295	4294967295	~

Т				V
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 TS2.3 1129 Cycles TS2.4 4313 Cycles TS2.5 7505 Cycles TS2.6 4317 Cycles TS2.7 1129 Cycles TS2.7 1129 Cycles TS2.10 1129 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 TS2.15 4321 Cycles TS2.15 4321 Cycles TS2.16 7512 Cycles TS2.17 4319 Cycles TS2.18 7488 Cycles TS2.19 129 Cycles TS2.20 4310 Cycles TS2.21 7495 Cycles TS2.22 4315 Cycles TS2.23 4601 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 TS2.28 1129 Cycles TS2.29 4311 Cycles TS2.31 4313 Cycles TS2.31 4313 Cycles TS2.33 4311 Cycles TS2.33 4313 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 TS2.39 4585 Cycles TS2.40 1129 Cycles Description Vector Description TS2.1All Min TS2.2All Max TS2.3Batt_Volt_f32 = MIN TS2.4Batt_Volt_f32 = MAX TS2.5Batt_Volt_f32 = POS IS2.5Batt_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

152.11k_UVDetect_volts_u1up6 = 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

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



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	✓

Т				V
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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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_OVCIr_ms_M_u32p0	354815744
CustBattDiag_OVSet_ms_M_u32p0	2173576192



Name	Input Value		
CustBattDiag_UVClr_ms_M_u32p0	2700810752		
CustBattDiag_UVSet_ms_M_u32p0	2251295744		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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_OVCIr_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	~

T (0) 04/D (0)			
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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_Currenter (SystemTime_mS_u32_Currenter (SystemTime_mS_u332_Currenter $	t 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 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(ElapsedTim	target Rte Call Ap CustBattDiag SystemT	ime DtrmnElapsedTime mS u16 ElapsedTin	ne
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	target Rte Call Ap CustBattDiag SystemT		
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTi$	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	✓

Т				✓
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_OVCIr_ms_M_u32p0	2766913536
CustBattDiag_OVSet_ms_M_u32p0	932022528
CustBattDiag_UVClr_ms_M_u32p0	626497280
CustBattDiag_UVSet_ms_M_u32p0	4267315456
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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



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	~

Т				V
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(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	870023936		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVCIr_ms_M_u32p0	870023936	870023936	~
CustBattDiag_OVSet_ms_M_u32p0	442116096	442116096	~
CustBattDiag_UVCIr_ms_M_u32p0	870023936	870023936	~
CustBattDiag_UVSet_ms_M_u32p0	870023936	870023936	•

Τ				✓
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 2.8 (Repeat Count = 1)			V
Name	Input Value		
CustBattDiag_OVCIr_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_SystemTi	ime_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_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_OVCIr_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	~

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	~

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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	Tim target_Rte_Call_Ap_CustBattDiag_Sy	stemTime_DtrmnElapsedTime_mS_u16	_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime$	e) target_Rte_Call_Ap_CustBattDiag_Sy	stemTime_GetSystemTime_mS_u32_Cu	urrentTime
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	Elap 18755		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current Control of the control$	rent 3145602304		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_	f32	
Name	Actual Value	Expected Value	Resul
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	•



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				V
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_ms_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ıe
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	1406		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (a) and (b) and (c) and (c) are also as a function of the content o$	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	~

Т				✓
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 mS u16)	n 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



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(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_Syste	mTime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (CurrentTime_mS_u32) (CurrentTime_$	e) target_Rte_Call_Ap_CustBattDiag_Syste	mTime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Instance and the property of the property$	Elap 21075		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current Control of the control$	rent 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	~

Τ				V
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 2.13 (Repeat Count = 1)			4
Name	Input Value		· ·
CustBattDiag OVClr ms M u32p0	2174052608		
	2966504960		
CustBattDiag_OVSet_ms_M_u32p0	3866340352		
CustBattDiag_UVClr_ms_M_u32p0	3714280960		
CustBattDiag_UVSet_ms_M_u32p0 Pto Call An CustBattDiag_CustomTime_DtransFloreadTime_ms_u46/FloreadTime		ma DimorflancadTimo mC v46 FlancadTim	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_	0 2 2 2 12 02 7	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	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	~

Т				✓
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)			J
Name	Input Value		
CustBattDiag_OVCIr_ms_M_u32p0	3015870464		
CustBattDiag_OVSet_ms_M_u32p0	1975709952		
CustBattDiag_UVClr_ms_M_u32p0	3321085696		
CustBattDiag_UVSet_ms_M_u32p0	1252817152		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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	-



Name	Actual Value	Expected Value	Result
Param_Cnt_T_u08	0x01	0x01	~
Status Cnt T enum	0x01	0x01	✓

Τ				✓
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfaces and the property of the property of$	p 32339		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also considered as a function of the constant of the const$	it 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_UVCIr_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(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	31643
k_OVNotDetect_Volts_u10p6	1984



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_UVCIr_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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	"ime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	45538		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSyst$	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	✓



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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	63554		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (and the context of th$	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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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



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 to the control of the $	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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_System	Fime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_System	Fime_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				V
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



Name	Input Value		
CustBattDiag_OVSet_ms_M_u32p0	3438398976		
CustBattDiag_UVClr_ms_M_u32p0	0		
CustBattDiag_UVSet_ms_M_u32p0	1942287872		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(C	rrentTime) 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_r	S_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 Ex	pected Value	Resul
CustBattDiag_OVCIr_ms_M_u32p0	1063145472 106	33145472	•
CustBattDiag_OVSet_ms_M_u32p0	763451648 763	3451648	
CustBattDiag_UVClr_ms_M_u32p0	4294967295 429	94967295	•
CustBattDiag_UVSet_ms_M_u32p0	1063145472 106	63145472	•
NTC_Cnt_T_enum	0xE5 0xE	<u> </u>	
Param Cnt T u08	0x00	00	

Status_Cnt_T_enum



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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	пе
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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 to the control of the $	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)	v
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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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



Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	16484		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_Get$	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)			V
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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_System$	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_UVCIr_ms_M_u32p0	3299465984
CustBattDiag_UVSet_ms_M_u32p0	244249856
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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



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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_System$	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_OVCIr_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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	"ime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	30635		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	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	~

Τ				
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 2.28 (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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	e
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_System$	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				V
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_UVCIr_ms_M_u32p0	286604288		
CustBattDiag_UVSet_ms_M_u32p0	2187558400		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_System	Fime_DtrmnElapsedTime_mS_u16_ElapsedT	ime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_System	Fime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	46170		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS_u32_Currenter (SystemTime_mS_u32_Currente$	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	-



Т				
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	~

Name	Input Value		
CustBattDiag OVCIr ms M u32p0	2682198016		
CustBattDiag OVSet ms M u32p0	0		
CustBattDiag_UVClr ms M u32p0	2152664832		
	804014336		
CustBattDiag_UVSet_ms_M_u32p0 Pte_Call_Ap_CustBattDiag_SustantTime_DtempElancedTime_mS_u46/FlancedTime		ima DirmaFlancadTima mC u16 FlancadTim	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		ime_DtrmnElapsedTime_mS_u16_ElapsedTin	ле
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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 Elap	13131		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	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	

Т				
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_UVCIr_ms_M_u32p0	363697664
CustBattDiag_UVSet_ms_M_u32p0	473819136
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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



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	~

Τ				V
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)			V
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_E$	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	~

Т				V
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



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)			V
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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	пе
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	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_UVCIr_ms_M_u32p0	2855754752	2855754752	~
CustBattDiag_UVSet_ms_M_u32p0	2855754752	2855754752	~

Т				✓
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_UVCIr_ms_M_u32p0	3924638208
CustBattDiag_UVSet_ms_M_u32p0	1429679104
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime



Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	43089		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS_u32_Currenter (SystemTime_mS_u332_Currenter $	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				V
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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_Ela	16639		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS_u32_Currenter (SystemTime_mS_u32_Currente$	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	-



Т				✓
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)			V
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_SystemT	me_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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_OVCIr_ms_M_u32p0	1634000896
CustBattDiag_OVSet_ms_M_u32p0	2820221184
CustBattDiag_UVClr_ms_M_u32p0	3511564032
CustBattDiag_UVSet_ms_M_u32p0	572109056
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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



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	~

Τ				
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	60243		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also consistent from the context of the $	t 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_UVCIr_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	~

Т				
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_UVCIr_ms_M_u32p0	1571186944
CustBattDiag_UVSet_ms_M_u32p0	509457152
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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



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_UVCIr_ms_M_u32p0	1571186944	1571186944	~
CustBattDiag_UVSet_ms_M_u32p0	3273284096	3273284096	✓

Τ					
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_OVCIr_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_System1	Time_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_System1	Time_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_Ela	40356		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	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	~

Τ					
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 Case 3: Path Test

Specification

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

Description

Vector Description

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;" TS3.4"(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"

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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	



Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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	~

Т				
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(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	~

Т				
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 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(ElapsedTi	m target_Rte_Call_Ap_CustBattDiag_System	Time_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_System	Time_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	ap 65185		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currection for the control of $	nt 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	~

Τ					
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	•	

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 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) \NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5

Name	Text
Module 'Ap_CustBattDiag'	**************************************
	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
	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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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 Case 1: Metrics Test

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

TS1.1 297 Cycles TS1.2 819 Cycles

Description

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(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	29088			
target_ClrTimer_T_ptr	2770825472			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	~	

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 1.2 (Repeat Count = 1)			✓	
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr	arget_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	3294			
CompareType_T_u08	3			
NTCNum_T_u16	30			
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne	
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	20			
target_ClrTimer_T_ptr	49612			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	65535			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_Ge$	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	~	

T				V
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 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
TS2.7 564 Cycles
TS2.8 819 Cycles
TS2.9 564 Cycles
TS2.9 564 Cycles
TS2.10 819 Cycles
TS2.11 818 Cycles
TS2.11 818 Cycles
TS2.12 564 Cycles
TS2.12 564 Cycles
TS2.13 564 Cycles
TS2.13 564 Cycles
TS2.14 564 Cycles
TS2.15 564 Cycles
TS2.15 564 Cycles
TS2.16 297 Cycles
TS2.16 297 Cycles
TS2.17 297 Cycles
TS2.18 819 Cycles
TS2.19 TS2 Cycles
TS2.19 TCycles
TS2.20 297 Cycles
TS2.21 297 Cycles
TS2.22 297 Cycles
TS2.23 819 Cycles
TS2.25 297 Cycles
TS2.26 297 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
TS2.5SetTimer_ms_T_u16p0==>Max
TS2.8SetTimer_ms_T_u16p0==>Min
TS2.10ClrTimer_ms_T_u16p0==>Max
TS2.11ClrTimer_ms_T_u16p0==>Max
TS2.11ClrTimer_ms_T_u16p0==>Mos
TS2.12NTCNum_T_u16==>Min
TS2.13NTCNum_T_u16==>Min
TS2.13NTCNum_T_u16==>Min
TS2.15SetTimer_T_ptr==>Min
TS2.15SetTimer_T_ptr==>Min
TS2.15SetTimer_T_ptr==>Max
TS2.17SetTimer_T_ptr==>Max
TS2.17SetTimer_T_ptr==>Pos
TS2.18ClrTimer_T_ptr==>Pos
TS2.18ClrTimer_T_ptr==>Pos
TS2.21Rte_Call_SystemTime_GetSystemTime_mS_u32==>Min
TS2.22Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
TS2.24Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
TS2.24Rte_Call_SystemTime_GetSystemTime_mS_u32==>Pos
TS2.24Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
TS2.25Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Min
```

TS2.26Rte_Call_SystemTime_DtrmnElapsedTime_mS_u16==>Pos

Test Step 2.1 (Repeat Count = 1)			V
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	0		
CompareType_T_u08	0		
NTCNum_T_u16	0		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	0		
target_ClrTimer_T_ptr	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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 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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ie	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	65535			
target_ClrTimer_T_ptr	4294967295			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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	~	

Τ				~
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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	29088			
target_ClrTimer_T_ptr	2770825472			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	✓



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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	17887		
target_ClrTimer_T_ptr	4213993472		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	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	~

T				V
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_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			
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTin	ne	
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	57183			
target_ClrTimer_T_ptr	1339650816			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfales and the property of the property of$	p 20699			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	at 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	~	

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 2.6 (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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	0		
target_ClrTimer_T_ptr	1033792000		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	28550		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current to the control of the $	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	•

Τ				✓
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(ElapsedTin	target_Rte_Call_Ap_CustBattDiag_System	Time_DtrmnElapsedTime_mS_u16_ElapsedTir	ne	
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_System	Time_GetSystemTime_mS_u32_CurrentTime		
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	65535			
target_ClrTimer_T_ptr	3773531392			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	27745			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer	t 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	✓	

Т				V
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 2.8 (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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	10044		
target_ClrTimer_T_ptr	556807168		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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(ElapsedTi	m target_Rte_Call_Ap_CustBattDiag_System	Time_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_System	Time_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	16818		
target_ClrTimer_T_ptr	2447255296		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	ap 3687		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	nt 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				V
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	•

Name	Input Value
ClrTimer_T_ptr	target_ClrTimer_T_ptr
ClrTimer_ms_T_u16p0	65535
CompareType_T_u08	8
NTCNum_T_u16	90
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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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ControlTimers

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	•

Τ				V
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTir	me
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	2028		
target_ClrTimer_T_ptr	2620774656		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	15720		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS_u32_Currenter (SystemTime_mS_u32_Currente$	t 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				V
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)			V
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	59318		
CompareType_T_u08	9		
NTCNum_T_u16	0		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	пе
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	21149		
target_ClrTimer_T_ptr	2980132864		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	3447		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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	~



T				V
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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne .
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	19481		
target_ClrTimer_T_ptr	419000832		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	2405		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (SystemTime_mS) and (SystemTime_mS) are also considered as a function of the contract of the contrac$	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				V
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





Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	15419		
target_ClrTimer_T_ptr	1694133504		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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(Elapsed	Tim target_Rte_Call_Ap_CustBatt[Diag_SystemTime_DtrmnElapsedTime_mS_u16	_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (CurrentTime_mS_u32) (CurrentTime_$	e) target_Rte_Call_Ap_CustBatt[Diag_SystemTime_GetSystemTime_mS_u32_Co	urrentTime
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	31488		
target_ClrTimer_T_ptr	3533929472		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_logerupsedTime_mS_u$	Elap 43855		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current Control of the control$	rent 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	~		

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	52251		
CompareType_T_u08	2		
NTCNum_T_u16	170		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	Tim target_Rte_Call_Ap_CustBattD	biag_SystemTime_DtrmnElapsedTime_mS_u1	6_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (CurrentTime_mS_u32) (CurrentTime_$	e) target_Rte_Call_Ap_CustBattD	biag_SystemTime_GetSystemTime_mS_u32_0	CurrentTime
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	16685		
target_ClrTimer_T_ptr	1151618816		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Eurorems_sunded to the contract of the co$	Elap 17231		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current Control of the control$	rent 996386048		
target_SetTimer_T_ptr	2335893248		
Name	Actual Value	Expected Value	Resul
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	



T				V
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	Fim target_Rte_Call_Ap_CustBatt	Diag_SystemTime_DtrmnElapsedTime_mS_u16	_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (CurrentTime_mS_u32) (CurrentTime_$	e) target_Rte_Call_Ap_CustBatt	Diag_SystemTime_GetSystemTime_mS_u32_C	urrentTime
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	22321		
target_ClrTimer_T_ptr	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Eulers_ms_u16_Eul$	lap 55197		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	ent 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	~

Τ				✓
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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne	
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTire		ne	
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	2944			
target_ClrTimer_T_ptr	4294967295			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	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





Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	31616		
target_ClrTimer_T_ptr	306843136		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	m target_Rte_Call_Ap_CustBattDiag_Syste	mTime_DtrmnElapsedTime_mS_u16_ElapsedT	ïme	
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_Syste	mTime_GetSystemTime_mS_u32_CurrentTime	,	
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	13501	13501		
target_ClrTimer_T_ptr	1858978560			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	ap 33171			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	nt 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	Ō	0	~	
target_SetTimer_T_ptr	0	0	~	

Т				V
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)	Innut Value		
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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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	_



T				V
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)			V
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(ElapsedT	im target_Rte_Call_Ap_CustBatt	Diag_SystemTime_DtrmnElapsedTime_mS_u16	3_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (CurrentTime_mS_u32) = 0.000 + 0.00$	target_Rte_Call_Ap_CustBatt	Diag_SystemTime_GetSystemTime_mS_u32_C	urrentTime
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	38576		
target_ClrTimer_T_ptr	939676928		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	ap 39763		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	ent 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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	49473		
target_ClrTimer_T_ptr	3140207616		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (SystemTime_mS) = 0.0000000000000000000000000000000000$	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	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime	

ControlTimers

target_SetTimer_T_ptr

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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 **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* *none* $Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)$ target_ClrTimer_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	~

430345472

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_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	21693		
target_ClrTimer_T_ptr	934829568		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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

Specification

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

Description

Vector Description

 $\label{eq:total_$

"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)

 $\label{total compare Type_T_u08 == D_INDEADBAND_CNT_U08 == False (Compare Type_T_u08 == D_TESTPASSED_CNT_U08)== > True"}$

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(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	0		
target_ClrTimer_T_ptr	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	•

Τ						
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_ms_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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*	~

ControlTimers

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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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	10044		
target_ClrTimer_T_ptr	556807168		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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	~

Т					
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	n 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			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfaces and the property of the property of$	16_Elap 39763			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also consistent from the context of the $	t 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	~	

Τ				✓
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 3.5 (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			
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	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	29088			
target_ClrTimer_T_ptr	2770825472			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	3869			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current to the control of the $	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	~	

Т				✓
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)\uxp\trul\nxtrLib\include -I\$(PROJECTROOT)\strLib\include -I\$(PROJECTROOT)\strLib\include -I\$(PROJECTROOT)\uxp\trul\nxtrLib\include -I\$(PROJECTROOT)\uxp\trul\nxtrLib\include -I\$(PROJECTROOT)\uxp\trul\nxtrLib\include -I\$(Projectraction)\uxp\trul\nxtrLib\include -I\$(Projectraction)\uxp\trul\nxtrLib\include -I\$(Projectraction)\uxp\trul\nxtrLib\include -I\uxp\trul\nxtrLib\include -I\uxp\trul\nxtr\nxtr\nxtr\nxtr\nxtr\nxtr\nxtr\nxtr

Comments/Description	n/Specification
Name	Text
Module 'Ap_CustBattDiag'	**************************************
	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):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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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 Step 1.1 (Repeat Count = 1) ✓			
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	0		
CustBattDiag_LOISet_ms_M_u32p0	0		
CustBattDiag_LVCCIr_ms_M_u32p0	0		
CustBattDiag_LVCSet_ms_M_u32p0	0		
CustBattDiag_LVHSCCIr_ms_M_u32p0	0		
CustBattDiag_LVHSCSet_ms_M_u32p0	0		
CustBattDiag_LVHSClr_ms_M_u32p0	0		
CustBattDiag_LVHSSet_ms_M_u32p0	0		
CustBattDiag_LVLSCCIr_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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	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_Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.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	•		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	nt 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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$		•	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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	✓

Τ				V
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_LOICIr_ms_M_u32p0	2155177472	
CustBattDiag_LOISet_ms_M_u32p0	2346596352	
CustBattDiag_LVCClr_ms_M_u32p0	2597762560	
CustBattDiag_LVCSet_ms_M_u32p0	504629248	
CustBattDiag_LVHSCCIr_ms_M_u32p0	1863047680	
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712	
CustBattDiag_LVHSClr_ms_M_u32p0	2155177472	
CustBattDiag_LVHSSet_ms_M_u32p0	2346596352	
CustBattDiag_LVLSCClr_ms_M_u32p0	105614848	
CustBattDiag_LVLSCSet_ms_M_u32p0	3262816256	
CustBattDiag_LVLSCIr_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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N	In and Walter		
Name Pto Call An CustDettDiag FraFa OB CFT/signal)	Input Value	D CET signal	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_O		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag	target_Rte_Call_Ap_CustBattDiag_SystemTi target_Rte_Inst_Ap_CustBattDiag_2	me_GetSystemTime_ms_usz_currentTime	
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 k_LVHSNotDetect_ms_u16p0	1664 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	4		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
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	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt		
	3	:	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp		1
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3904126464	3904126464	~
CustBattDiag_LOISet_ms_M_u32p0	2346596352	2346596352	~
CustBattDiag_LVCCIr_ms_M_u32p0	2597762560	2597762560	V
CustBattDiag_LVCSet_ms_M_u32p0	504629248	504629248	*
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	3904126464 3904126464	3904126464 3904126464	~
CustBattDiag LVHSCIr ms M u32p0	2155177472	2155177472	
CustBattDiag_LVHSSet_ms_M_u32p0	2346596352	2346596352	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	3904126464	3904126464	
CustBattDiag_LVLSCSet_ms_M_u32p0	3904126464	3904126464	•
CustBattDiag LVLSCIr 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	~

CustBattDiag_Per2

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Test Case 2: Boundary Test

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Specification

CustBattDiag_Per2

Performance Metrics (With "None" Instrumentation and WithPS Environment)
CPU Cycles: TS2.1 807 Cycles
TS2.2 805 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
TS2.9 1523 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
TS2.14 5624 Cycles
TS2.15 803 Cycles
TS2.16 803 Cycles
TS2.17 804 Cycles
TS2.17 804 Cycles
TS2.18 802 Cycles
TS2.19 802 Cycles TS2.19 802 Cycles
TS2.20 1813 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
TS2.27 802 Cycles
TS2.28 5595 Cycles
TS2.29 5307 Cycles
TS2.30 807 Cycles
TS2.30 807 Cycles
TS2.31 805 Cycles
TS2.33 804 Cycles
TS2.33 804 Cycles
TS2.35 802 Cycles
TS2.36 802 Cycles
TS2.36 802 Cycles
TS2.37 8536 Cycles
TS2.38 5027 Cycles
TS2.38 5027 Cycles
TS2.38 5027 Cycles
TS2.39 5033 Cycles
TS2.40 5034 Cycles
TS2.40 5034 Cycles
TS2.41 805 Cycles
TS2.42 805 Cycles
TS2.43 5889 Cycles
TS2.45 803 Cycles
TS2.46 5310 Cycles
TS2.47 805 Cycles
TS2.48 1815 Cycles
TS2.49 803 Cycles
TS2.49 803 Cycles
TS2.49 803 Cycles
TS2.49 803 Cycles
TS2.50 805 Cycles
TS2.51 802 Cycles
TS2.51 802 Cycles
TS2.53 2102 Cycles TS2.52 802 Cycles
TS2.53 802 Cycles
TS2.55 805 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
TS2.65 1521 Cycles
TS2.66 803 Cycles
TS2.67 803 Cycles
TS2.68 802 Cycles
TS2.68 802 Cycles
TS2.70 803 Cycles
TS2.71 803 Cycles
TS2.72 802 Cycles
TS2.73 802 Cycles
TS2.73 802 Cycles
TS2.75 804 Cycles
TS2.76 5018 Cycles
TS2.77 801 Cycles
TS2.77 802 Cycles
TS2.77 802 Cycles
TS2.77 802 Cycles
TS2.77 804 Cycles
TS2.77 807 Cycles
TS2.77 807 Cycles
TS2.77 808 Cycles
TS2.77 808 Cycles
TS2.77 809 Cycles
TS2.77 809 Cycles
TS2.77 809 Cycles
TS2.77 809 Cycles TS2.77 805 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 TS2.84 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 TS2.92 5303 Cycles
TS2.93 807 Cycles
TS2.94 805 Cycles
TS2.95 5308 Cycles
TS2.96 804 Cycles
TS2.96 804 Cycles
TS2.97 806 Cycles
TS2.98 806 Cycles
TS2.99 2104 Cycles
TS2.101 803 Cycles
TS2.102 803 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
TS2.107 804 Cycles
TS2.109 803 Cycles
TS2.109 803 Cycles

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803 Cycles 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
TS2.117 807 Cycles
TS2.118 2105 Cycles
TS2.119 1813 Cycles
TS2.119 1813 Cycles
TS2.120 1539 Cycles
TS2.120 1539 Cycles
TS2.121 5314 Cycles
TS2.122 803 Cycles
TS2.122 803 Cycles
TS2.123 8522 Cycles
TS2.126 5603 Cycles
TS2.127 803 Cycles
TS2.127 803 Cycles
TS2.128 5311 Cycles
TS2.128 5311 Cycles
TS2.128 5007 Cycles
TS2.128 5007 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
TS2.138 802 Cycles
TS2.139 803 Cycles
TS2.139 803 Cycles
TS2.139 803 Cycles
TS2.139 803 Cycles
TS2.130 804 Cycles
TS2.131 804 Cycles
TS2.132 804 Cycles
TS2.134 804 Cycles
TS2.140 5325 Cycles
TS2.141 805 Cycles
TS2.142 803 Cycles
TS2.143 804 Cycles
TS2.144 805 Cycles
TS2.145 803 Cycles
TS2.147 5016 Cycles
TS2.148 805 Cycles
TS2.149 805 Cycles
TS2.151 805 Cycles
TS2.151 805 Cycles
TS2.153 803 Cycles
TS2.154 802 Cycles
TS2.155 805 Cycles
TS2.156 8526 Cycles
TS2.157 805 Cycles
TS2.157 805 Cycles
TS2.157 805 Cycles
TS2.159 803 Cycles

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Description

CustBattDiag_Per2

Vector Decription TS2.1All Min TS2.2All Max TS2.3Batt_Volt_f32==>Min
TS2.3Batt_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 TS2.9EngOn_Cnt_lgc==>Min
TS2.10EngOn_Cnt_lgc==>Max
TS2.11EtatMT_Cnt_u08==>Min
TS2.12EtatMT_Cnt_u08==>Max
TS2.13EtatMT_Cnt_u08==>Pos
TS2.13EtatMT_Cnt_u08==>Pos
TS2.14SttdSelected_Cnt_lgc==>Min
TS2.15SttdSelected_Cnt_lgc==>Max
TS2.16VehicleSpeedValid_Cnt_lgc==>Min
TS2.15VehicleSpeedValid_Cnt_lgc==>Max
TS2.17VehicleSpeedValid_Cnt_lgc==>Max
TS2.18Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_DISABLE
TS2.19Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_WARMINIT
TS2.21Rte_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_OFF
TS2.22Rte_Mode_SystemState_Mode==>RTE_MODE_StaMd_Mode_OPERATE
TS2.23R CustBattDiagl_Olspd_kph f32==>Min IS2.22kte_Mode_SystemState_Mode==>R1E_ TS2.23k_CustBattDiagLOlspd_kph_f32==>Min TS2.24k_CustBattDiagLOlspd_kph_f32==>Max TS2.25k_CustBattDiagLOlspd_kph_f32==>Pos TS2.26k_LOlDetect_ms_u16p0==>Min TS2.27k_LOlDetect_ms_u16p0==>Max TS2.28k_LOlDetect_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
TS2.33k_LVCNotDetect_Volts_u10p6==>Pos
TS2.35k_LVCDetect_Volts_u10p6==>Max
TS2.36k_LVCDetect_Volts_u10p6==>Max
TS2.36k_LVCDetect_Volts_u10p6==>Pos
TS2.37k_LVCDetect_Volts_u10p6==>Pos
TS2.37k_LVCDetect_Volts_u10p6==>Max
TS2.37k_LVCDetect_Volts_u10p6==>Max 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 TS2.45k_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==>Max
TS2.51k_LVLSDetect_Volts_u10p6==>Max
TS2.51k_LVLSDetect_Volts_u10p6==>Pos
TS2.53k_CustBattDiaglospd_kph_f32==>Min
TS2.54k_CustBattDiaglospd_kph_f32==>Pos
TS2.54k_CustBattDiaglospd_kph_f32==>Pos TS2.55k_CustBattDiaglospd_kph_f32==>Pos TS2.56k_LVHSCNotDetect_Volts_u10p6==>Min TS2.57k_LVHSCNotDetect_Volts_u10p6==>Max TS2.59k_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==>Min
TS2.114CustBattDiag_LVCClr_ms_M_u32p0==>Pos
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_LVSMCIr_ms_M_u32p0==>Min
TS2.120CustBattDiag_LVSMCIr_ms_M_u32p0==>Max
TS2.121CustBattDiag_LVSMCIr_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_LVHSCCIr_ms_M_u32p0==>Max
TS2.133CustBattDiag_LVHSCCIr_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 LVHSCIr ms M_u32p0==>Max
TS2.139CustBattDiag LVHSCIr_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_LVLSCIr_ms_M_u32p0==>Min
TS2.144CustBattDiag_LVLSCIr_ms_M_u32p0==>Max
TS2.145CustBattDiag_LVLSCIr_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_LOICIr_ms_M_u32p0==>Min
TS2.155CustBattDiag_LOICIr_ms_M_u32p0==>Max
TS2.156CustBattDiag_LOICIr_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_LVCCIr_ms_M_u32p0	0	
CustBattDiag_LVCSet_ms_M_u32p0	0	
CustBattDiag_LVHSCCIr_ms_M_u32p0	0	
CustBattDiag_LVHSCSet_ms_M_u32p0	0	
CustBattDiag_LVHSCIr_ms_M_u32p0	0	
CustBattDiag_LVHSSet_ms_M_u32p0	0	
CustBattDiag_LVLSCCIr_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	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	0	
k_CustBattDiaghispd_kph_f32	0	

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CustBattDlag_Per2			TUACITU
Name	Input Value		
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 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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_lg	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	oh_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				V
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 An CustRattDiag SystemTime GetSystemTime mS u32	1	Rte Call An CustRattDian SystemTime GetSystemTime mS u32	1	-

Test Step 2.2 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_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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Input Value CustBattDiag LVHSCCIr ms M u32p0 4294967295 4294967295 $CustBattDiag_LVHSCSet_ms_M_u32p0$ CustBattDiag LVHSCIr ms M u32p0 4294967295 CustBattDiag_LVHSSet_ms_M_u32p0 4294967295 CustBattDiag LVLSCClr ms M u32p0 4294967295 CustBattDiag_LVLSCSet_ms_M_u32p0 4294967295 CustBattDiag LVLSCIr 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_msunfaces and the property of the property of$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ 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() 512 k CustBattDiagLOIspd kph f32 k_CustBattDiaghispd_kph_f32 512 512 k CustBattDiaglospd kph f32 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 65535 k_LVHSCDetect_ms_u16p0 1984 k LVHSCNotDetect Volts u10p6 k_LVHSCNotDetect_ms_u16p0 65535 k LVHSDetect Volts u10p6 1984 k_LVHSDetect_ms_u16p0 65535 1984 k LVHSNotDetect Volts u10p6 k_LVHSNotDetect_ms_u16p0 65535 k LVLSCDetect Volts u10p6 1984 k_LVLSCDetect_ms_u16p0 65535 k_LVLSCNotDetect_Volts_u10p6 1984 65535 k_LVLSCNotDetect_ms_u16p0 k_LVLSDetect_Volts_u10p6 1984 65535 k_LVLSDetect_ms_u16p0 k_LVLSNotDetect_Volts_u10p6 1984 65535 k LVLSNotDetect ms u16p0 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 Igc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 512 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** CustBattDiag LOICIr ms M u32p0 4294967295 4294967295 CustBattDiag_LOISet_ms_M_u32p0 4294967295 4294967295 4294967295 CustBattDiag LVCCIr ms M u32p0 4294967295 CustBattDiag_LVCSet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVHSCCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVHSCSet_ms_M_u32p0 4294967295 4294967295 4294967295 4294967295 CustBattDiag LVHSClr ms M u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 4294967295 4294967295 CustBattDiag LVLSCCIr ms M u32p0 4294967295 4294967295 CustBattDiag_LVLSCSet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVLSCIr_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	2
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Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	~

Τ				✓
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_LOICIr_ms_M_u32p0	1315550208
CustBattDiag_LOISet_ms_M_u32p0	249214464
CustBattDiag_LVCCIr_ms_M_u32p0	574522368
CustBattDiag_LVCSet_ms_M_u32p0	3415213568
CustBattDiag_LVHSCCIr_ms_M_u32p0	985139200
CustBattDiag_LVHSCSet_ms_M_u32p0	2844666368
CustBattDiag LVHSCIr ms M u32p0	1315550208
CustBattDiag_LVHSSet_ms_M_u32p0	249214464
CustBattDiag_LVLSCCIr_ms_M_u32p0	1776131072
CustBattDiag LVLSCSet ms M u32p0	3208306176
CustBattDiag LVLSCIr 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
tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
CustBattDiagLOlspd kph f32	361.123383
CustBattDiaghispd kph f32	227.98941
CustBattDiaglospd kph f32	65.9257507
_LOIDetect_ms_u16p0	60720
LOINotDetect ms u16p0	48976
LVCDetect Volts u10p6	1984
LVCDetect ms u16p0	23181
LVCNotDetect_Volts_u10p6	256
LVCNotDetect ms u16p0	61743
	128
LVHSCDetect_ms_u16p0	20602
<pre>c_LVHSCNotDetect_Volts_u10p6</pre>	256
 :_LVHSCNotDetect_ms_u16p0	33580
	1984
	48793
LVHSNotDetect_Volts_u10p6	256
LVHSNotDetect ms u16p0	52295
_LVLSCDetect_Volts_u10p6	1984
LVLSCDetect ms u16p0	16224
LVLSCNotDetect Volts u10p6	256
s_LVLSCNotDetect_ms_u16p0	62561
LVLSDetect_Volts_u10p6	1984
LVLSDetect ms u16p0	19601
LVLSNotDetect Volts u10p6	256
_LVLSNotDetect_ms_u16p0	44338
LVSMDetect Volts u10p6	1984
LVSMDetect ms u16p0	25286
LVSMNotDetect Volts u10p6	256
_LVSMNotDetect_ms_u16p0	35199
arget_CustBattDiag_Per2_Batt_Volt_f32.value	5
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget CustBattDiag Per2 EtatMT Cnt u08.value	12
arget CustBattDiag Per2 SttdSelected Cnt Igc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget CustBattDiag Per2 VehicleSpeed Kph f32.value	371.596802
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
arget_Rte_Call_Ap_CustBattDiag_EpsEtT_OF_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
arget_Rte_Inst_Ap_CustBattDiag_3/stern line_Get3/stern line_ins_usz_Current arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
arget_Rte_inst_Ap_custBattDiag_2.CustBattDiag_Per2_Batt_v0it_is2	target_CustBattDiag_Per2_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08

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Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	2017643520	2017643520	~
CustBattDiag_LOISet_ms_M_u32p0	2017643520	2017643520	•
CustBattDiag_LVCCIr_ms_M_u32p0	574522368	574522368	~
CustBattDiag_LVCSet_ms_M_u32p0	3415213568	3415213568	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	985139200	985139200	~
CustBattDiag_LVHSCSet_ms_M_u32p0	2844666368	2844666368	~
CustBattDiag_LVHSClr_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_LVLSClr_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				V
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_LVCCIr_ms_M_u32p0	1811101440
CustBattDiag_LVCSet_ms_M_u32p0	2424746240
CustBattDiag_LVHSCCIr_ms_M_u32p0	3717638912
CustBattDiag LVHSCSet ms M u32p0	203179264
CustBattDiag_LVHSClr_ms_M_u32p0	3492914944
CustBattDiag_LVHSSet_ms_M_u32p0	2372313344
CustBattDiag_LVLSCCIr_ms_M_u32p0	2406870784
CustBattDiag_LVLSCSet_ms_M_u32p0	2397448448
CustBattDiag_LVLSClr_ms_M_u32p0	2118312704
CustBattDiag_LVLSSet_ms_M_u32p0	958479616
CustBattDiag_LVSMCIr_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(ElapsedTim	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte Inst Ap CustBattDiag	target Rte Inst Ap CustBattDiag 2
tte Mode Ap CustBattDiag SystemState Mode()	1
CustBattDiagLOIspd kph f32	436.332581
CustBattDiaghispd kph f32	352.354736
CustBattDiaglospd_kph_f32	176.567795
LOIDetect ms u16p0	27142
LOINotDetect ms u16p0	27676
LVCDetect_Volts_u10p6	320
LVCDetect ms u16p0	53102
LVCNotDetect Volts u10p6	320
LVCNotDetect ms u16p0	51201
LVHSCDetect Volts u10p6	1472
LVHSCDetect ms u16p0	48232
LVHSCNotDetect Volts u10p6	320
LVHSCNotDetect ms u16p0	49865
_LVHSDetect_Volts_u10p6	320
_LVHSDetect_ms_u16p0	16554
LVHSNotDetect Volts u10p6	320
_LVHSNotDetect_ms_u16p0	21784
LVLSCDetect Volts u10p6	320
LVLSCDetect ms u16p0	14309
_LVLSCNotDetect_Volts_u10p6	320
LVLSCNotDetect ms u16p0	23513
LVLSDetect Volts u10p6	320
_LVLSDetect_ms_u16p0	1267
LVLSNotDetect Volts u10p6	320

CustBattDiag_Per2

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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_Igc.value	0		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
			Daguit
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	952608256	952608256	V
CustBattDiag_LOISet_ms_M_u32p0	952608256	952608256	•
CustBattDiag_LVCCIr_ms_M_u32p0	1969298944	1969298944	-
CustBattDiag_LVCSet_ms_M_u32p0	3322851328	3322851328	•
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	2612590080	2612590080	•
CustBattDiag_LVLSCSet_ms_M_u32p0	3201320960	3201320960	•
CustBattDiag_LVLSCIr_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	✓
Τ			~

Т				•
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_LOICIr_ms_M_u32p0	2389036544	
CustBattDiag_LOISet_ms_M_u32p0	2066669568	
CustBattDiag_LVCCIr_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_LVLSCCIr_ms_M_u32p0	2612590080	

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CustBattDiag_Per2

CustBattDiag_Per2		Idac	TUMU
Name	Input Value		
CustBattDiag_LVLSCSet_ms_M_u32p0	3201320960		
CustBattDiag_LVLSCIr_ms_M_u32p0	1679956480		
CustBattDiag_LVLSSet_ms_M_u32p0	896470016		
CustBattDiag_LVSMCIr_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_SystemT	ime_DtrmnElapsedTime_mS_u16_Elapsed	Time
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTim	ie
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
C_CustBattDiagLOlspd_kph_f32	258.391693		
_CustBattDiaghispd_kph_f32	485.589508		
C_CustBattDiaglospd_kph_f32	241.509048		
	65135		
z_LOINotDetect_ms_u16p0	28358		
 c_LVCDetect_Volts_u10p6	1216		
x_LVCDetect_ms_u16p0	50615		
 LVCNotDetect_Volts_u10p6	384		
_LVCNotDetect_ms_u16p0	34455		
CLVHSCDetect Volts u10p6	512		
LVHSCDetect_ms_u16p0	37514		
<pre>C_LVHSCNotDetect_Volts_u10p6</pre>	384		
<pre>C_LVHSCNotDetect_ms_u16p0</pre>	33790		
LVHSDetect Volts u10p6	1216		
LVHSDetect_voils_u10p0 :_LVHSDetect_ms_u16p0	6626		
LVHSNotDetect Volts u10p6	384		
LVHSNotDetectvoils_u10p0	1072		
:_LVLSCDetect_Volts_u10p6	1216		
	1922		
C_LVLSCDetect_ms_u16p0			
x_LVLSCNotDetect_Volts_u10p6	384		
<pre>C_LVLSCNotDetect_ms_u16p0</pre>	45759		
C_LVLSDetect_Volts_u10p6	1216		
C_LVLSDetect_ms_u16p0	17016		
<_LVLSNotDetect_Volts_u10p6	384		
C_LVLSNotDetect_ms_u16p0	56402		
c_LVSMDetect_Volts_u10p6	1216		
C_LVSMDetect_ms_u16p0	54939		
C_LVSMNotDetect_Volts_u10p6	384		
C_LVSMNotDetect_ms_u16p0	3403		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	13.1300001		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9		
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0		
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10989		
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	952608256		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08	1	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_I	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Res
CustBattDiag LOICIr ms M u32p0	952608256	952608256	1,00
CustBattDiag_LOISet ms M u32p0	952608256	952608256	
CustBattDiag_LOGGet_ms_M_u32p0	1969298944	1969298944	
CustBattDiag_LVCSet ms M u32p0	3322851328	3322851328	
CustBattDiag_LVCSet_ms_ivi_uszp0 CustBattDiag_LVHSCCIr_ms_M_us2p0	793166336	793166336	
CustBattDiag_LVHSCSet_ms_M_u32p0	1386083328	1386083328	
CustBattDiag_LVHSCIr_ms_M_u32p0	2389036544	2389036544	
CustBattDiag_LVHSSet_ms_M_u32p0	2066669568	2066669568	
CustBattDiag_LVLSCCIr_ms_M_u32p0	2612590080	2612590080	
CustBattDiag_LVLSCSet_ms_M_u32p0	3201320960	3201320960	
CustBattDiag_LVLSCIr_ms_M_u32p0	1679956480	1679956480	
CustBattDiag_LVLSSet_ms_M_u32p0	896470016	896470016	
CustBattDiag_LVSMCIr_ms_M_u32p0	4193282560	4193282560	
CustBattDiag_LVSMSet_ms_M_u32p0	3323583488	3323583488	

3323583488

3323583488

CustBattDiag_LVSMSet_ms_M_u32p0





Τ				
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	-

est Step 2.7 (Repeat Count = 1)	
ame	Input Value
ustBattDiag_LOIClr_ms_M_u32p0	2027075584
ustBattDiag_LOISet_ms_M_u32p0	3140770304
ustBattDiag_LVCCIr_ms_M_u32p0	2955446272
ustBattDiag_LVCSet_ms_M_u32p0	1234348544
ustBattDiag_LVHSCCIr_ms_M_u32p0	64703488
ustBattDiag_LVHSCSet_ms_M_u32p0	3996913152
ustBattDiag_LVHSClr_ms_M_u32p0	2027075584
ustBattDiag_LVHSSet_ms_M_u32p0	3140770304
ustBattDiag_LVLSCCIr_ms_M_u32p0	3103727616
stBattDiag_LVLSCSet_ms_M_u32p0	2921398784
ustBattDiag_LVLSCIr_ms_M_u32p0	4216415232
stBattDiag_LVLSSet_ms_M_u32p0	3646285312
stBattDiag_LVSMClr_ms_M_u32p0	269628416
ustBattDiag_LVSMSet_ms_M_u32p0	1406612992
e_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
e_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapse	$ed Tim\ target_Rte_Call_Ap_CustBattDiag_System Time_DtrmnElapsed Time_mS_u16_Elapsed Time_ms_u16_Elapsed Time_ms_u16_Elapsed Time_ms_u16_Elapsed$
e_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTi	ime) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
e_Mode_Ap_CustBattDiag_SystemState_Mode()	2
CustBattDiagLOlspd_kph_f32	162.546951
CustBattDiaghispd_kph_f32	415.459473
CustBattDiaglospd_kph_f32	171.66716
_OIDetect_ms_u16p0	40122
LOINotDetect_ms_u16p0	34422
LVCDetect_Volts_u10p6	128
LVCDetect_ms_u16p0	1349
LVCNotDetect_Volts_u10p6	1088
LVCNotDetect_ms_u16p0	27602
LVHSCDetect_Volts_u10p6	1472
LVHSCDetect_ms_u16p0	39977
LVHSCNotDetect_Volts_u10p6	1088
LVHSCNotDetect_ms_u16p0	3054
LVHSDetect_Volts_u10p6	128
LVHSDetect_ms_u16p0	18564
LVHSNotDetect_Volts_u10p6	1088
LVHSNotDetect_ms_u16p0	60914
LVLSCDetect_Volts_u10p6	128
LVLSCDetect_ms_u16p0	16071
LVLSCNotDetect_Volts_u10p6	1088
LVLSCNotDetect_ms_u16p0	33686
LVLSDetect_Volts_u10p6	128
LVLSDetect_ms_u16p0	14252
LVLSNotDetect_Volts_u10p6	1088
LVLSNotDetect_ms_u16p0	62983
LVSMDetect_Volts_u10p6	128
LVSMDetect_ms_u16p0	39718
LVSMNotDetect Volts u10p6	1088
LVSMNotDetect ms u16p0	45828

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Input Value $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Result Name **Actual Value Expected Value** $CustBattDiag_LOICIr_ms_M_u32p0$ 906186752 906186752 CustBattDiag_LOISet_ms_M_u32p0 906186752 906186752 CustBattDiag_LVCCIr_ms_M_u32p0 2955446272 2955446272 CustBattDiag_LVCSet_ms_M_u32p0 906186752 906186752 CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0 3103727616 3103727616 CustBattDiag_LVLSCSet_ms_M_u32p0 906186752 906186752 $CustBattDiag_LVLSCIr_ms_M_u32p0$ 4216415232 4216415232 CustBattDiag_LVLSSet_ms_M_u32p0 3646285312 3646285312 269628416 269628416 $CustBattDiag_LVSMClr_ms_M_u32p0$ 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_LOICIr_ms_M_u32p0	705075968
CustBattDiag_LOISet_ms_M_u32p0	1810478336
CustBattDiag_LVCCIr_ms_M_u32p0	3745852160
CustBattDiag_LVCSet_ms_M_u32p0	3725509888
CustBattDiag_LVHSCCIr_ms_M_u32p0	339533568
CustBattDiag_LVHSCSet_ms_M_u32p0	3265435904
CustBattDiag_LVHSClr_ms_M_u32p0	705075968
CustBattDiag_LVHSSet_ms_M_u32p0	1810478336
CustBattDiag_LVLSCCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

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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_Igc.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_Cn	t_lgc	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic	target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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_LVHSCCIr_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_LVLSClr_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 anum	0×00	0×00	-

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 An CustBattDiag SystemTime DtrmnFlansedTime mS u16	1	Rte Call An CustBattDiag SystemTime DtrmnFlansedTime mS u16	1	

0x00

0x00

✓
Input Value
901181952

Status_Cnt_T_enum

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CustBattDiag Per2 Input Value CustBattDiag_LOISet_ms_M_u32p0 1962255360 CustBattDiag_LVCCIr_ms_M_u32p0 70992384 3334894592 CustBattDiag LVCSet ms M u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 354690560 CustBattDiag_LVHSCSet_ms_M_u32p0 3780835328 CustBattDiag_LVHSClr_ms_M_u32p0 901181952 CustBattDiag_LVHSSet_ms_M_u32p0 1962255360 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 2173082112 CustBattDiag_LVLSCSet_ms_M_u32p0 596085760 $CustBattDiag_LVLSCIr_ms_M_u32p0$ 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_E$ 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() $k_CustBattDiagLOlspd_kph_f32$ 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 5329 k_LVCDetect_ms_u16p0 k_LVCNotDetect_Volts_u10p6 1088 50167 k LVCNotDetect ms u16p0 k_LVHSCDetect_Volts_u10p6 1472 k LVHSCDetect ms u16p0 57938 k_LVHSCNotDetect_Volts_u10p6 1088 55412 k LVHSCNotDetect ms u16p0 k_LVHSDetect_Volts_u10p6 k LVHSDetect ms u16p0 11723 k_LVHSNotDetect_Volts_u10p6 1088 k_LVHSNotDetect_ms_u16p0 11475 k LVLSCDetect Volts u10p6 0 20160 k_LVLSCDetect_ms_u16p0 1088 k_LVLSCNotDetect_Volts_u10p6 k LVLSCNotDetect ms u16p0 30517 k LVLSDetect Volts u10p6 n 9999 k_LVLSDetect_ms_u16p0 1088 k LVLSNotDetect Volts u10p6 k_LVLSNotDetect_ms_u16p0 23405 k_LVSMDetect_Volts_u10p6 18074 k_LVSMDetect_ms_u16p0 k_LVSMNotDetect_Volts_u10p6 1088 9882 k LVSMNotDetect ms u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 15.6019201 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 1 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 104.126129 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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 Ic $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32$ **Actual Value Expected Value** Name Result CustBattDiag_LOICIr_ms_M_u32p0 2586593792 2586593792 CustBattDiag_LOISet_ms_M_u32p0 2586593792 2586593792 CustBattDiag_LVCCIr_ms_M_u32p0 70992384 70992384 3334894592 3334894592 CustBattDiag LVCSet ms M u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 354690560 354690560 CustBattDiag LVHSCSet ms M u32p0 3780835328 3780835328 CustBattDiag_LVHSClr_ms_M_u32p0 2586593792 2586593792

2586593792

2173082112

596085760

2586593792

2173082112

596085760

CustBattDiag_LVHSSet_ms_M_u32p0

CustBattDiag_LVLSCCIr_ms_M_u32p0

CustBattDiag_LVLSCSet_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSCIr_ms_M_u32p0	2586593792	2586593792	~
CustBattDiag_LVLSSet_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3511832064	3511832064	✓
CustPattDiag I VSMSet ms M u32n0	2081382400	2081382400	

Т				V
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	~

lawa	Innut Value
lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3837914368
CustBattDiag_LOISet_ms_M_u32p0	3092109056
CustBattDiag_LVCCIr_ms_M_u32p0	2926902528
CustBattDiag_LVCSet_ms_M_u32p0	3390793472
CustBattDiag_LVHSCCIr_ms_M_u32p0	2890551552
CustBattDiag_LVHSCSet_ms_M_u32p0	1634589440
CustBattDiag_LVHSCIr_ms_M_u32p0	3837914368
CustBattDiag_LVHSSet_ms_M_u32p0	3092109056
CustBattDiag_LVLSCCIr_ms_M_u32p0	838006016
rustBattDiag_LVLSCSet_ms_M_u32p0	3057131264
ustBattDiag_LVLSClr_ms_M_u32p0	1861601536
ustBattDiag_LVLSSet_ms_M_u32p0	382997248
ustBattDiag_LVSMCIr_ms_M_u32p0	1113577728
ustBattDiag_LVSMSet_ms_M_u32p0	1156621056
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elaps	sedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentT	Time) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
_CustBattDiagLOIspd_kph_f32	427.208527
_CustBattDiaghispd_kph_f32	88.4092484
CustBattDiaglospd_kph_f32	390.997681
LOIDetect ms u16p0	25358
LOINotDetect_ms_u16p0	34143
_LVCDetect_Volts_u10p6	832
LVCDetect_ms_u16p0	37083
_LVCNotDetect_Volts_u10p6	1408
LVCNotDetect ms u16p0	29985
_LVHSCDetect_Volts_u10p6	1344
_LVHSCDetect_ms_u16p0	59671
_LVHSCNotDetect_Volts_u10p6	1408
_LVHSCNotDetect_voils_u16p0	35432
_LVHSDetect_Volts_u10p6	832
	27724
_LVHSDetect_ms_u16p0	
_LVHSNotDetect_Volts_u10p6	1408
_LVHSNotDetect_ms_u16p0	47596
_LVLSCDetect_Volts_u10p6	832
_LVLSCDetect_ms_u16p0	46204
_LVLSCNotDetect_Volts_u10p6	1408
_LVLSCNotDetect_ms_u16p0	12118
_LVLSDetect_Volts_u10p6	832
_LVLSDetect_ms_u16p0	50993
_LVLSNotDetect_Volts_u10p6	1408
_LVLSNotDetect_ms_u16p0	62797
_LVSMDetect_Volts_u10p6	832
_LVSMDetect_ms_u16p0	14382
_LVSMNotDetect_Volts_u10p6	1408
_LVSMNotDetect_ms_u16p0	6758
arget_CustBattDiag_Per2_Batt_Volt_f32.value	11.696414
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	25.8337135		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	5635		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren	t 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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ap_CustBa$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_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_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	838006016	838006016	~
CustBattDiag_LVLSCSet_ms_M_u32p0	3057131264	3057131264	~
CustBattDiag_LVLSCIr_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	~

Τ				
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_LOICIr_ms_M_u32p0	3467104000
CustBattDiag_LOISet_ms_M_u32p0	1436748032
CustBattDiag_LVCClr_ms_M_u32p0	2759024384
CustBattDiag_LVCSet_ms_M_u32p0	2019367168
CustBattDiag_LVHSCCIr_ms_M_u32p0	3138605824
CustBattDiag_LVHSCSet_ms_M_u32p0	3378720000
CustBattDiag_LVHSClr_ms_M_u32p0	3467104000
CustBattDiag_LVHSSet_ms_M_u32p0	1436748032
CustBattDiag_LVLSCCIr_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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CustBattDiag_Per2 Input Value k_LVLSCDetect_Volts_u10p6 1664 k_LVLSCDetect_ms_u16p0 40806 k_LVLSCNotDetect_Volts_u10p6 320 k_LVLSCNotDetect_ms_u16p0 15615 1664 k LVLSDetect Volts u10p6 k_LVLSDetect_ms_u16p0 47361 k_LVLSNotDetect_Volts_u10p6 320 49651 k_LVLSNotDetect_ms_u16p0 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 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 87.3961639 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ 55332$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current | 1902610176 target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg \\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg \\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg \\ target_Rte_InstAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg \\ target_Rte_Ins$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVLSCIr_ms_M_u32p0	1004178176	1004178176	~
CustBattDiag_LVLSSet_ms_M_u32p0	1902610176	1902610176	~
CustBattDiag_LVSMCIr_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	✓

Т				✓
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 2.12 (Repeat Count = 1)	In and Malan		<u> </u>
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	2107856384		
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	4128876544 1585489408		
CustBattDiag_LVCSet_ms_M_u32p0	3391846400		
CustBattDiag_LVHSCCIr_ms_M_u32p0	3144731136		
CustBattDiag_LVHSCSet_ms_M_u32p0	946420736		
CustBattDiag_LVHSCIr_ms_M_u32p0	2107856384		
CustBattDiag_LVHSSet_ms_M_u32p0	4128876544		
CustBattDiag_LVLSCCIr_ms_M_u32p0	4141317632		
CustBattDiag_LVLSCSet_ms_M_u32p0	583274496		
CustBattDiag_LVLSCIr_ms_M_u32p0	2080055808		
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912		
CustBattDiag_LVSMCIr_ms_M_u32p0	3398136320		
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744	OR CET signal	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		ITimo
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
	307.761597		
C_CustBattDiaghispd_kph_f32	505.83429		
_CustBattDiaglospd_kph_f32	103.274986		
z_LOIDetect_ms_u16p0	15147		
x_LOINotDetect_ms_u16p0	17772		
x_LVCDetect_Volts_u10p6	704		
<pre>C_LVCDetect_ms_u16p0</pre>	56591		
<pre>c_LVCNotDetect_Volts_u10p6</pre>	1984		
<pre>(_LVCNotDetect_ms_u16p0</pre>	36474 1856		
<pre><_LVHSCDetect_Volts_u10p6 </pre> <pre><_LVHSCDetect_ms_u16p0</pre>	37359		
<pre>C_LVHSCNotDetect_Volts_u10p6</pre>	1984		
LVHSCNotDetect ms u16p0	8510		
<pre>c_LVHSDetect_Volts_u10p6</pre>	704		
<_LVHSDetect_ms_u16p0	37809		
C_LVHSNotDetect_Volts_u10p6	1984		
x_LVHSNotDetect_ms_u16p0	65457		
<_LVLSCDetect_Volts_u10p6	704		
k_LVLSCDetect_ms_u16p0	22176		
<pre><_LVLSCNotDetect_Volts_u10p6</pre>	1984		
<pre><_LVLSCNotDetect_ms_u16p0</pre>	23531 704		
<pre><_LVLSDetect_Volts_u10p6 <_LVLSDetect_ms_u16p0</pre>	8174		
<pre><_LVLSNotDetect_Volts_u10p6</pre>	1984		
C_LVLSNotDetect_ms_u16p0	13871		
LVSMDetect Volts u10p6	704		
c_LVSMDetect_ms_u16p0	33674		
C_LVSMNotDetect_Volts_u10p6	1984		
z_LVSMNotDetect_ms_u16p0	46073		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	19.359869		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
rarget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value rarget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	114.504883		
arget_Rte_Call_Ap_custBattDiag_EpsEn_OP_GE1_signal arget Rte Call Ap CustBattDiag SystemTime	i ·		
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg			
	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Resul
Name CustBattDiag_LOICIr_ms_M_u32p0	1514417664	1514417664	Resul
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	1514417664 1514417664	1514417664 1514417664	Result
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	1514417664 1514417664 1585489408	1514417664 1514417664 1585489408	Result
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	1514417664 1514417664 1585489408 3391846400	1514417664 1514417664 1585489408 3391846400	•
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	1514417664 1514417664 1585489408	1514417664 1514417664 1585489408	•

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CustBattDiag_LVHSClr_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	4128876544	4128876544	✓
CustBattDiag_LVLSCCIr_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	✓

▼				
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	~

Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2107856384
CustBattDiag_LOISet ms M u32p0	4128876544
CustBattDiag_LOGSet_Ins_M_u32p0 CustBattDiag_LVCCIr ms M_u32p0	1585489408
CustBattDiag_LVCGir_ms_wr_u32p0	3391846400
0	3144731136
CustBattDiag_LVHSCCIr_ms_M_u32p0	
CustBattDiag_LVHSCSet_ms_M_u32p0	946420736 2107856384
CustBattDiag_LVHSCIr_ms_M_u32p0	4128876544
CustBattDiag_LVHSSet_ms_M_u32p0	4141317632
CustBattDiag_LVLSCCIr_ms_M_u32p0	583274496
CustBattDiag_LVLSCSet_ms_M_u32p0	
CustBattDiag_LVLSCIr_ms_M_u32p0	2080055808
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912
CustBattDiag_LVSMCIr_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(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
c_CustBattDiagLOIspd_kph_f32	307.761597
CustBattDiaghispd_kph_f32	505.83429
c_CustBattDiaglospd_kph_f32	103.274986
c_LOIDetect_ms_u16p0	15147
<pre><_LOINotDetect_ms_u16p0</pre>	17772
x_LVCDetect_Volts_u10p6	704
c_LVCDetect_ms_u16p0	56591
<pre>c_LVCNotDetect_Volts_u10p6</pre>	1984
<pre>c_LVCNotDetect_ms_u16p0</pre>	36474
C_LVHSCDetect_Volts_u10p6	1856
C_LVHSCDetect_ms_u16p0	37359
C_LVHSCNotDetect_Volts_u10p6	1984
C_LVHSCNotDetect_ms_u16p0	8510
c_LVHSDetect_Volts_u10p6	704
c_LVHSDetect_ms_u16p0	37809
_LVHSNotDetect_Volts_u10p6	1984
_LVHSNotDetect_ms_u16p0	65457
C_LVLSCDetect_Volts_u10p6	704
C_LVLSCDetect_ms_u16p0	22176
C_LVLSCNotDetect_Volts_u10p6	1984
<pre>c_LVLSCNotDetect_ms_u16p0</pre>	23531
CLVLSDetect_Volts_u10p6	704
<pre>c_LVLSDetect_ms_u16p0</pre>	8174
<pre></pre>	1984
C LVLSNotDetect ms u16p0	13871
C_LVSMDetect_Volts_u10p6	704

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CustBattDiag_Per2

CustBattDiag_LVLSCSet_ms_M_u32p0

CustBattDiag_LVLSCIr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVali	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1514417664	1514417664	~
CustBattDiag_LOISet_ms_M_u32p0	1514417664	1514417664	•
CustBattDiag_LVCCIr_ms_M_u32p0	1514417664	1514417664	~
CustBattDiag_LVCSet_ms_M_u32p0	1514417664	1514417664	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	1514417664	1514417664	~
CustBattDiag_LVHSCSet_ms_M_u32p0	1514417664	1514417664	•
CustBattDiag_LVHSClr_ms_M_u32p0	2107856384	2107856384	~
CustBattDiag_LVHSSet_ms_M_u32p0	4128876544	4128876544	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	1514417664	1514417664	~

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	~

1514417664

2080055808

4165030912

3398136320

1677599744

1514417664

2080055808

4165030912

3398136320

1677599744

Test Step 2.14 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
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_LVHSCCIr_ms_M_u32p0	76911616
CustBattDiag_LVHSCSet_ms_M_u32p0	2543949312
CustBattDiag_LVHSClr_ms_M_u32p0	3778838528
CustBattDiag_LVHSSet_ms_M_u32p0	1857380864
CustBattDiag_LVLSCCIr_ms_M_u32p0	1414653952
CustBattDiag_LVLSCSet_ms_M_u32p0	989006336
CustBattDiag_LVLSCIr_ms_M_u32p0	4247956480
CustBattDiag_LVLSSet_ms_M_u32p0	536505856
CustBattDiag_LVSMCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	212.607681
k_CustBattDiaghispd_kph_f32	431.839294
k_CustBattDiaglospd_kph_f32	384.901428

CustBattDiag_Per2

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Input Value k LOIDetect ms u16p0 2196 47505 k_LOINotDetect_ms_u16p0 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_LVLSCNotDetect_Volts_u10p6 640 k_LVLSCNotDetect_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 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_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic 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 LOICIr 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_LVHSCCIr_ms_M_u32p0 76911616 76911616 CustBattDiag_LVHSCSet_ms_M_u32p0 2543949312 2543949312 CustBattDiag_LVHSClr_ms_M_u32p0 3778838528 3778838528 CustBattDiag_LVHSSet_ms_M_u32p0 1857380864 1857380864 CustBattDiag_LVLSCCIr_ms_M_u32p0 1414653952 1414653952 CustBattDiag_LVLSCSet_ms_M_u32p0 989006336 989006336 CustBattDiag_LVLSCIr_ms_M_u32p0 4247956480 4247956480 CustBattDiag_LVLSSet_ms_M_u32p0 536505856 536505856 CustBattDiag_LVSMClr_ms_M_u32p0 1623555072 1623555072

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	_

2652749312

2652749312

Test Step 2.15 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	2984854272	
CustBattDiag_LOISet_ms_M_u32p0	2139528448	
CustBattDiag_LVCCIr_ms_M_u32p0	3830567680	
CustBattDiag_LVCSet_ms_M_u32p0	291876096	
CustBattDiag_LVHSCCIr_ms_M_u32p0	3039692544	

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2 Input Value $CustBattDiag_LVHSCSet_ms_M_u32p0$ 647102720 2984854272 CustBattDiag_LVHSClr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 2139528448 CustBattDiag_LVLSCCIr_ms_M_u32p0 3494447872 CustBattDiag_LVLSCSet_ms_M_u32p0 2205000960 CustBattDiag_LVLSCIr_ms_M_u32p0 1035386624 CustBattDiag_LVLSSet_ms_M_u32p0 2665969920 $CustBattDiag_LVSMClr_ms_M_u32p0$ 2721992448 CustBattDiag_LVSMSet_ms_M_u32p0 2512226560 $Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)$ $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_E$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime$ Rte_Inst_Ap_CustBattDiag target_Rte_Inst_Ap_CustBattDiag_2 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOlspd_kph_f32 455.42337 58.7999535 k CustBattDiaghispd kph f32 k_CustBattDiaglospd_kph_f32 318.157135 12169 k LOIDetect ms u16p0 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 12686 k_LVHSCDetect_ms_u16p0 k_LVHSCNotDetect_Volts_u10p6 320 63779 k LVHSCNotDetect ms u16p0 k_LVHSDetect_Volts_u10p6 1408 k LVHSDetect ms u16p0 45064 k_LVHSNotDetect_Volts_u10p6 320 15838 k LVHSNotDetect ms u16p0 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_LVLSNotDetect_Volts_u10p6 320 k_LVLSNotDetect_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 $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 182 276062 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic_target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VenicleSpeed_Rpn_f32	target_CustBattDiag_Per2_VehicleSpeed_K	pn_t32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	571636480	571636480	~
CustBattDiag_LOISet_ms_M_u32p0	571636480	571636480	•
CustBattDiag_LVCCIr_ms_M_u32p0	3830567680	3830567680	~
CustBattDiag_LVCSet_ms_M_u32p0	291876096	291876096	✓
CustBattDiag_LVHSCCIr_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_LVLSCCIr_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	~



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)	
lame	Input Value
custBattDiag_LOICIr_ms_M_u32p0	3220821248
custBattDiag_LOISet_ms_M_u32p0	655490816
custBattDiag_LVCCIr_ms_M_u32p0	2548992
CustBattDiag_LVCSet_ms_M_u32p0	3865677568
custBattDiag_LVHSCCIr_ms_M_u32p0	1292155136
CustBattDiag_LVHSCSet_ms_M_u32p0	655917824
	3220821248
	655490816
	3130514688
0= = = - !	628180736
	2761109760
0	450476800
	1071071488
	3202370304
9	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Inst_Ap_CustBattDiag_2
	4
	38.1955795
	77.7451477
- 0 1 - 1 -	121.119308
	44143
,	27628
,	896
_LVCDetect_ms_u16p0	34856
_LVCNotDetect_Volts_u10p6	384
_LVCNotDetect_ms_u16p0	20409
_LVHSCDetect_Volts_u10p6	1024
_LVHSCDetect_ms_u16p0	45850
_LVHSCNotDetect_Volts_u10p6	384
_LVHSCNotDetect_ms_u16p0	62662
_LVHSDetect_Volts_u10p6	896
_LVHSDetect_ms_u16p0	47269
_LVHSNotDetect_Volts_u10p6	384
_LVHSNotDetect_ms_u16p0	16535
_LVLSCDetect_Volts_u10p6	896
_LVLSCDetect_ms_u16p0	59729
LVLSCNotDetect_Volts_u10p6	384
	28458
;	896
	20874
_LVLSNotDetect_Volts_u10p6	384
LVLSNotDetect_voils_u10p0	53535
LVSMDetect_Volts_u10p6	896
	50861
,	384
	57300
'	
	30.0657558
	1
0 - 0	1
3-2	1
0 _ 0_ 1	0
* - * - * - * - * - * - * - * - * - * -	415.146576
3-2	1
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
	target_CustBattDiag_Per2_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
	target CustBattDiag Per2 VehicleSpeedValid Cnt Igc

CustBattDiag_Per2

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Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_k	(ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSSet_ms_M_u32p0	655490816	655490816	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	3130514688	3130514688	~
CustBattDiag_LVLSCSet_ms_M_u32p0	628180736	628180736	~
CustBattDiag_LVLSCIr_ms_M_u32p0	2761109760	2761109760	~
CustBattDiag_LVLSSet_ms_M_u32p0	450476800	450476800	~
CustBattDiag_LVSMClr_ms_M_u32p0	1071071488	1071071488	~
CustBattDiag LVSMSet ms M u32n0	3202370304	3202370304	V

T				V
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_LOICIr_ms_M_u32p0	1631929344
CustBattDiag LOISet ms M u32p0	421840384
CustBattDiag_LVCCIr_ms_M_u32p0	1761481728
CustBattDiag LVCSet ms M u32p0	1834882560
CustBattDiag_LVHSCCIr_ms_M_u32p0	4071921664
CustBattDiag LVHSCSet ms M u32p0	1210137088
CustBattDiag_LVHSClr_ms_M_u32p0	1631929344
CustBattDiag_LVHSSet_ms_M_u32p0	421840384
CustBattDiag_LVLSCCIr_ms_M_u32p0	1401629696
CustBattDiag_LVLSCSet_ms_M_u32p0	2502356480
CustBattDiag_LVLSCIr_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(ElapsedTi	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
_CustBattDiagLOIspd_kph_f32	75.5554886
_CustBattDiaghispd_kph_f32	282.353668
_CustBattDiaglospd_kph_f32	478.429565
_LOIDetect_ms_u16p0	51500
_LOINotDetect_ms_u16p0	57486
_LVCDetect_Volts_u10p6	1216
z_LVCDetect_ms_u16p0	45441
:_LVCNotDetect_Volts_u10p6	1664
:_LVCNotDetect_ms_u16p0	17572
_LVHSCDetect_Volts_u10p6	576
c_LVHSCDetect_ms_u16p0	18026
<pre>c_LVHSCNotDetect_Volts_u10p6</pre>	1664
_LVHSCNotDetect_ms_u16p0	62781
_LVHSDetect_Volts_u10p6	1216
_LVHSDetect_ms_u16p0	6379
z_LVHSNotDetect_Volts_u10p6	1664
_LVHSNotDetect_ms_u16p0	32746
_LVLSCDetect_Volts_u10p6	1216
_LVLSCDetect_ms_u16p0	22455
_LVLSCNotDetect_Volts_u10p6	1664
_LVLSCNotDetect_ms_u16p0	30850
_LVLSDetect_Volts_u10p6	1216
z_LVLSDetect_ms_u16p0	8234
c_LVLSNotDetect_Volts_u10p6	1664
:_LVLSNotDetect_ms_u16p0	44740
c_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
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	53790
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current to the control of the $	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_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

talgot_lito_niot_lip_odotbattsiag_liodotbattsiag_liologicopood_lipi_ioz	target_eactEattErag c.z_verioreepeeatp	··· <u>-</u>	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4069284864	4069284864	~
CustBattDiag_LOISet_ms_M_u32p0	4069284864	4069284864	~
CustBattDiag_LVCCIr_ms_M_u32p0	1761481728	1761481728	~
CustBattDiag_LVCSet_ms_M_u32p0	1834882560	1834882560	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	4071921664	4071921664	•
CustBattDiag_LVHSCSet_ms_M_u32p0	1210137088	1210137088	~
CustBattDiag_LVHSClr_ms_M_u32p0	1631929344	1631929344	~
CustBattDiag_LVHSSet_ms_M_u32p0	421840384	421840384	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	1401629696	1401629696	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2502356480	2502356480	~
CustBattDiag_LVLSClr_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_LOICIr_ms_M_u32p0	1788730880
CustBattDiag_LOISet_ms_M_u32p0	3997790208
CustBattDiag_LVCClr_ms_M_u32p0	3298635264
CustBattDiag_LVCSet_ms_M_u32p0	751648768
CustBattDiag_LVHSCCIr_ms_M_u32p0	1101517312
CustBattDiag_LVHSCSet_ms_M_u32p0	2756281344
CustBattDiag_LVHSClr_ms_M_u32p0	1788730880
CustBattDiag_LVHSSet_ms_M_u32p0	3997790208
CustBattDiag_LVLSCCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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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Input Value k LVHSCDetect Volts u10p6 1408 48762 k_LVHSCDetect_ms_u16p0 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 37476 $k_LVLSCNotDetect_ms_u16p0$ k_LVLSDetect_Volts_u10p6 576 k_LVLSDetect_ms_u16p0 57690 k_LVLSNotDetect_Volts_u10p6 960 29945 k LVLSNotDetect ms u16p0 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 $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ 13 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 183.432465 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 36276$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc$ 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 Ic target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value **Expected Value** CustBattDiag_LOICIr_ms_M_u32p0 1742583296 1742583296 CustBattDiag_LOISet_ms_M_u32p0 1742583296 1742583296 $CustBattDiag_LVCCIr_ms_M_u32p0$ 3298635264 3298635264 CustBattDiag_LVCSet_ms_M_u32p0 1742583296 1742583296 CustBattDiag_LVHSCCIr_ms_M_u32p0 1101517312 1101517312 CustBattDiag_LVHSCSet_ms_M_u32p0 1742583296 1742583296 CustBattDiag LVHSCIr ms M u32p0 1788730880 1788730880 CustBattDiag_LVHSSet_ms_M_u32p0 3997790208 3997790208 CustBattDiag_LVLSCCIr_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 2828495872 $CustBattDiag_LVSMSet_ms_M_u32p0$ 2828495872 NTC_Cnt_T_enum 0xE0 0xE0

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	~

0x00

0x00

0x00

0x00

Param Cnt T u08

Status_Cnt_T_enum



Test Step 2.19 (Repeat Count = 1)	Innut Value		
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	3636275456 713192192		
CustBattDiag_LOISet_ITIS_M_u32p0 CustBattDiag_LVCCIr 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_LVLSCCIr_ms_M_u32p0	3208491264		
CustBattDiag_LVLSCSet_ms_M_u32p0	1697135360		
CustBattDiag_LVLSCIr_ms_M_u32p0	2651014400		
CustBattDiag_LVLSSet_ms_M_u32p0	3681873664		
CustBattDiag_LVSMCIr_ms_M_u32p0	1938576640		
CustBattDiag_LVSMSet_ms_M_u32p0	3196616448	DR CET signal	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		Time
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		-
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
C_CustBattDiagLOlspd_kph_f32	313.302765		
C_CustBattDiaghispd_kph_f32	46.3026314		
CustBattDiaglospd_kph_f32	7.93639946		
<_LOIDetect_ms_u16p0	20378		
<_LOINotDetect_ms_u16p0	61157		
x_LVCDetect_Volts_u10p6	448		
k_LVCDetect_ms_u16p0	47897		
<_LVCNotDetect_Volts_u10p6	1472		
C_LVCNotDetect_ms_u16p0	30985		
<pre>(_LVHSCDetect_Volts_u10p6</pre>	1984 9422		
<pre><_LVHSCDetect_ms_u16p0 <_LVHSCNotDetect_Volts_u10p6</pre>	1472		
CLVHSCNotDetect_volis_u1op0	19745		
<pre><_LVHSDetect_Volts_u10p6</pre>	448		
k_LVHSDetect_ms_u16p0	5135		
<pre>c_LVHSNotDetect_Volts_u10p6</pre>	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		
<_LVLSNotDetect_Volts_u10p6	1472		
<_LVLSNotDetect_ms_u16p0 < LVSMDetect Volts u10p6	24665 448		
CLVSMDetect_voils_u16p0	51713		
<pre><_LVSMNotDetect_Volts_u10p6</pre>	1472		
CLVSMNotDetect ms u16p0	31305		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	28.6056538		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	246.183044		
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65104		
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc			
and Die last As CoulDattDias CoulDatt (D) D C V I I I C	target_CustBattDiag_Per2_VehicleSpeed_K	1	1-
			Resu
Name	Actual Value	Expected Value	IXESU
Name CustBattDiag_LOICIr_ms_M_u32p0	1314758912	1314758912	Kesu
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	1314758912 1314758912	1314758912 1314758912	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	1314758912 1314758912 2885630208	1314758912 1314758912 2885630208	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	1314758912 1314758912 2885630208 37159680	1314758912 1314758912 2885630208 37159680	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	1314758912 1314758912 2885630208	1314758912 1314758912 2885630208	Nesul

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CustBattDiag_LVHSClr_ms_M_u32p0

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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)	Immut Value
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	4249569280
CustBattDiag_LOISet_ms_M_u32p0	2443405824
CustBattDiag_LVCCIr_ms_M_u32p0	3754235904
CustBattDiag_LVCSet_ms_M_u32p0	1355135488
CustBattDiag_LVHSCCIr_ms_M_u32p0	398777344
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168
CustBattDiag_LVHSCIr_ms_M_u32p0	4249569280
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704
CustBattDiag_LVLSCIr_ms_M_u32p0	4176016384
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048
CustBattDiag_LVSMCIr_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(Elapsed	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTim	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
C_CustBattDiagLOIspd_kph_f32	367.035919
CustBattDiaghispd kph f32	83.7351837
CustBattDiaglospd_kph_f32	201.401382
LOIDetect ms u16p0	27771
LOINotDetect ms u16p0	14320
_LVCDetect_Volts_u10p6	192
LVCDetect_worldp0	15742
:	448
<pre>LVCNotDetect_Volts_u10p6</pre>	33029
_LVCNotDetect_ms_u16p0	
x_LVHSCDetect_Volts_u10p6	1792
x_LVHSCDetect_ms_u16p0	57886
_LVHSCNotDetect_Volts_u10p6	448
C_LVHSCNotDetect_ms_u16p0	36989
x_LVHSDetect_Volts_u10p6	192
_LVHSDetect_ms_u16p0	61820
x_LVHSNotDetect_Volts_u10p6	448
_LVHSNotDetect_ms_u16p0	53682
x_LVLSCDetect_Volts_u10p6	192
_LVLSCDetect_ms_u16p0	38739
z_LVLSCNotDetect_Volts_u10p6	448
_LVLSCNotDetect_ms_u16p0	28387
_LVLSDetect_Volts_u10p6	192
z_LVLSDetect_ms_u16p0	28698
z_LVLSNotDetect_Volts_u10p6	448
_LVLSNotDetect_ms_u16p0	12902
_LVSMDetect_Volts_u10p6	192
_LVSMDetect_ms_u16p0	48054
_LVSMNotDetect_Volts_u10p6	448
_LVSMNotDetect_ms_u16p0	36534
arget_CustBattDiag_Per2_Batt_Volt_f32.value	19.5644245
arget CustBattDiag Per2 EngOn Cnt Igc.value	0
arget CustBattDiag Per2 EtatMT Cnt u08.value	2
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
	112.882156



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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3561611264	3561611264	~
CustBattDiag_LOISet_ms_M_u32p0	3561611264	3561611264	~
CustBattDiag_LVCCIr_ms_M_u32p0	3754235904	3754235904	~
CustBattDiag_LVCSet_ms_M_u32p0	3561611264	3561611264	•
CustBattDiag_LVHSCCIr_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_LVLSCCIr_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				V
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_LVCCIr_ms_M_u32p0	3754235904
CustBattDiag_LVCSet_ms_M_u32p0	1355135488
CustBattDiag_LVHSCCIr_ms_M_u32p0	398777344
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824
CustBattDiag_LVLSCCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	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

CustBattDiag_Per2

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Input Value k LVHSCDetect Volts u10p6 1792 57886 k_LVHSCDetect_ms_u16p0 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 k LVLSCDetect ms u16p0 38739 k_LVLSCNotDetect_Volts_u10p6 448 28387 $k_LVLSCNotDetect_ms_u16p0$ k_LVLSDetect_Volts_u10p6 192 k_LVLSDetect_ms_u16p0 28698 k_LVLSNotDetect_Volts_u10p6 448 12902 k LVLSNotDetect ms u16p0 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc$ 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 Ic target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** CustBattDiag_LOICIr_ms_M_u32p0 3561611264 3561611264 CustBattDiag_LOISet_ms_M_u32p0 3561611264 3561611264 3754235904 $CustBattDiag_LVCCIr_ms_M_u32p0$ 3754235904 CustBattDiag_LVCSet_ms_M_u32p0 1355135488 1355135488 CustBattDiag_LVHSCCIr_ms_M_u32p0 398777344 398777344 CustBattDiag_LVHSCSet_ms_M_u32p0 2143559168 2143559168 CustBattDiag LVHSCIr ms M u32p0 4249569280 4249569280 CustBattDiag_LVHSSet_ms_M_u32p0 2443405824 2443405824 CustBattDiag_LVLSCCIr_ms_M_u32p0 3588861952 3588861952 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 2463240704 2463240704 CustBattDiag_LVLSClr_ms_M_u32p0 4176016384 4176016384 CustBattDiag_LVLSSet_ms_M_u32p0 1941698048 1941698048 CustBattDiag_LVSMClr_ms_M_u32p0 2962080768 2962080768

T				V
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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Test Step 2.22 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	4249569280	
CustBattDiag_LOISet_ms_M_u32p0	2443405824	
CustBattDiag_LVCClr_ms_M_u32p0	3754235904	
CustBattDiag_LVCSet_ms_M_u32p0	1355135488	
CustBattDiag_LVHSCCIr_ms_M_u32p0	398777344	
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168	
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280	
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824	
CustBattDiag_LVLSCCIr_ms_M_u32p0	3588861952	
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704	
CustBattDiag_LVLSCIr_ms_M_u32p0	4176016384	

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2 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 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOlspd_kph_f32 367.035919 k CustBattDiaghispd kph f32 83 7351837 201.401382 k_CustBattDiaglospd_kph_f32 k LOIDetect ms u16p0 27771 k_LOINotDetect_ms_u16p0 14320 k LVCDetect Volts u10p6 192 k_LVCDetect_ms_u16p0 15742 448 k LVCNotDetect Volts u10p6 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 53682 k_LVHSNotDetect_ms_u16p0 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 28698 k LVLSDetect ms u16p0 k_LVLSNotDetect_Volts_u10p6 448 k LVLSNotDetect ms u16p0 12902 k_LVSMDetect_Volts_u10p6 192 48054 k_LVSMDetect_ms_u16p0 k LVSMNotDetect Volts u10p6 448 36534 k_LVSMNotDetect_ms_u16p0 19.5644245 target_CustBattDiag_Per2_Batt_Volt_f32.value target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 2 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 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 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 16392$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 3561611264 target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic target CustBattDiag Per2 VehicleSpeedValid Cnt Ic $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ 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	~



T				V
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	•

Гest Step 2.23 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	4074564352
CustBattDiag_LOISet_ms_M_u32p0	953976064
custBattDiag_LVCClr_ms_M_u32p0	917469952
custBattDiag_LVCSet_ms_M_u32p0	682988800
sustBattDiag_LVHSCCIr_ms_M_u32p0	851455744
sustBattDiag_LVHSCSet_ms_M_u32p0	38430976
sustBattDiag_LVHSClr_ms_M_u32p0	4074564352
custBattDiag_LVHSSet_ms_M_u32p0	953976064
sustBattDiag_LVLSCCIr_ms_M_u32p0	1151447808
sustBattDiag_LVLSCSet_ms_M_u32p0	2716896512
sustBattDiag_LVLSClr_ms_M_u32p0	3719554816
CustBattDiag_LVLSSet_ms_M_u32p0	1942151424
ustBattDiag_LVSMClr_ms_M_u32p0	235239168
ustBattDiag_LVSMSet_ms_M_u32p0	1643311360
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime	
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	4
CustBattDiagLOIspd kph f32	0
_CustBattDiaghispd_kph_f32	45.300251
_CustBattDiaglospd_kph_f32	261.724152
_LOIDetect_ms_u16p0	18932
LOINotDetect_ms_u16p0	19339
LVCDetect Volts u10p6	0
LVCDetect ms u16p0	40042
_LVCNotDetect_Volts_u10p6	320
_LVCNotDetect_ms_u16p0	47566
_LVHSCDetect_Volts_u10p6	960
LVHSCDetect_ms_u16p0	2379
_LVHSCNotDetect_Volts_u10p6	320
_LVHSCNotDetect_ms_u16p0	59430
_LVHSDetect_Volts_u10p6	0
_LVHSDetect_ms_u16p0	50130
	320
_LVHSNotDetect_Volts_u10p6	7206
_LVHSNotDetect_ms_u16p0	
_LVLSCDetect_Volts_u10p6	0
_LVLSCDetect_ms_u16p0	56540 320
_LVLSCNotDetect_Volts_u10p6	
_LVLSCNotDetect_ms_u16p0	60579 0
_LVLSDetect_Volts_u10p6	*
_LVLSDetect_ms_u16p0	49447
_LVLSNotDetect_Volts_u10p6	320
_LVLSNotDetect_ms_u16p0	44987
_LVSMDetect_Volts_u10p6	0
_LVSMDetect_ms_u16p0	57586
_LVSMNotDetect_Volts_u10p6	320
_LVSMNotDetect_ms_u16p0	7275
arget_CustBattDiag_Per2_Batt_Volt_f32.value	19.1723061
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	187.619736		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEnder SpeedValid_Cnt_IgEnder SpeedVa$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1178673920	1178673920	~
CustBattDiag_LOISet_ms_M_u32p0	1178673920	1178673920	~
CustBattDiag_LVCCIr_ms_M_u32p0	917469952	917469952	~
CustBattDiag_LVCSet_ms_M_u32p0	682988800	682988800	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	851455744	851455744	~
CustBattDiag_LVHSCSet_ms_M_u32p0	38430976	38430976	~
CustBattDiag_LVHSClr_ms_M_u32p0	4074564352	4074564352	~
CustBattDiag_LVHSSet_ms_M_u32p0	953976064	953976064	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	1151447808	1151447808	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2716896512	2716896512	~
CustBattDiag_LVLSClr_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_LOICIr_ms_M_u32p0	3631481344
CustBattDiag_LOISet_ms_M_u32p0	492647424
CustBattDiag_LVCCIr_ms_M_u32p0	1262244352
CustBattDiag_LVCSet_ms_M_u32p0	3323069440
CustBattDiag_LVHSCCIr_ms_M_u32p0	2866427392
CustBattDiag_LVHSCSet_ms_M_u32p0	1168345088
CustBattDiag_LVHSClr_ms_M_u32p0	3631481344
CustBattDiag_LVHSSet_ms_M_u32p0	492647424
CustBattDiag_LVLSCClr_ms_M_u32p0	3494226432
CustBattDiag_LVLSCSet_ms_M_u32p0	474029056
CustBattDiag_LVLSCIr_ms_M_u32p0	1054805504
CustBattDiag_LVLSSet_ms_M_u32p0	2300190720
CustBattDiag_LVSMCIr_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(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	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	1, 11.43.03+0530	Razon	cat
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_LVLSNotDetect_Volts_u10p6	1280		
k_LVLSNotDetect_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the state of t$	61325		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerset and the property of the p$	target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3576125952	3576125952	~
CustBattDiag_LOISet_ms_M_u32p0	3576125952	3576125952	~
CustBattDiag_LVCCIr_ms_M_u32p0	1262244352	1262244352	~
CustBattDiag_LVCSet_ms_M_u32p0	3323069440	3323069440	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	2866427392	2866427392	~
CustBattDiag_LVHSCSet_ms_M_u32p0	1168345088	1168345088	~
CustBattDiag_LVHSClr_ms_M_u32p0	3631481344	3631481344	~
CustBattDiag_LVHSSet_ms_M_u32p0	492647424	492647424	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	3494226432	3494226432	~
CustBattDiag_LVLSCSet_ms_M_u32p0	474029056	474029056	~
CustBattDiag_LVLSCIr_ms_M_u32p0	1054805504	1054805504	✓

T				V
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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Test Step 2.25 (Repeat Count = 1)	·
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	80395520
CustBattDiag_LOISet_ms_M_u32p0	2438407936
CustBattDiag_LVCCIr_ms_M_u32p0	4054961408
CustBattDiag_LVCSet_ms_M_u32p0	779663104
CustBattDiag_LVHSCCIr_ms_M_u32p0	392700160
CustBattDiag_LVHSCSet_ms_M_u32p0	3402902272
CustBattDiag_LVHSClr_ms_M_u32p0	80395520
CustBattDiag_LVHSSet_ms_M_u32p0	2438407936
CustBattDiag_LVLSCCIr_ms_M_u32p0	3589653760
CustBattDiag_LVLSCSet_ms_M_u32p0	1716219648
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMCIr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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 Name
 Input Value

 k_CustBattDiagLOlspd_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

512

 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_LVHSCDetect_ms_u16p0
 1790

 k_LVHSCNotDetect_Volts_u10p6
 512

 k_LVHSCNotDetect_ms_u16p0
 28702

 k_LVHSDetect_volts_u10p6
 1792

 k_LVHSDetect_ms_u16p0
 28006

 k_LVHSDetect_ms_u16p0
 28926

 k_LVHSNotDetect_v0lts_u10p6
 512

 k_LVHSNotDetect_ms_u16p0
 11612

 k_LVLSCDetect_V0lts_u10p6
 1792

 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_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

k_LVSMNotDetect_Volts_u10p6

target_CustbattDlag_Perz_stroselected_Cnt_igc.value 0
target_CustBattDlag_Per2_VehicleSpeedValid_Cnt_lgc.value 0
target_CustBattDlag_Per2_VehicleSpeed_Kph_f32.value 119.06868
target_Rte_Call_Ap_CustBattDlag_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 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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc

target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ictarget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32

2853221632

target_CustBattDiag_Per2_Batt_Volt_f32

target_CustBattDiag_Per2_EngOn_Cnt_lgc

target_CustBattDiag_Per2_EtatMT_Cnt_u08

target_CustBattDiag_Per2_SttdSelected_Cnt_lgc

target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Actual Value Expected Value Result $CustBattDiag_LOICIr_ms_M_u32p0$ 2853221632 2853221632 CustBattDiag_LOISet_ms_M_u32p0 2853221632 2853221632 CustBattDiag LVCClr ms M u32p0 4054961408 4054961408 CustBattDiag_LVCSet_ms_M_u32p0 779663104 779663104 CustBattDiag_LVHSCCIr_ms_M_u32p0 392700160 392700160 CustBattDiag_LVHSCSet_ms_M_u32p0 3402902272 3402902272 CustBattDiag LVHSClr ms M u32p0 80395520 80395520 CustBattDiag_LVHSSet_ms_M_u32p0 2438407936 2438407936 CustBattDiag_LVLSCCIr_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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CustBattDiag Per2 Input Value CustBattDiag LVCClr ms M u32p0 3254606848 600874496 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag LVHSCCIr ms M u32p0 3274334208 CustBattDiag_LVHSCSet_ms_M_u32p0 1032733184 CustBattDiag LVHSClr ms M u32p0 1483901952 CustBattDiag_LVHSSet_ms_M_u32p0 3237301760 CustBattDiag LVLSCCIr ms M u32p0 990999552 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 1295545856 CustBattDiag_LVLSClr_ms_M_u32p0 4011194368 CustBattDiag LVLSSet ms M u32p0 3396966912 CustBattDiag_LVSMCIr_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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_msunfaces and the property of the property of$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_CustBattDiag_2 Rte Inst Ap CustBattDiag Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiagLOlspd_kph_f32 301.298523 k_CustBattDiaghispd_kph_f32 145.618637 k_CustBattDiaglospd_kph_f32 376.702209 k_LOIDetect_ms_u16p0 Λ k_LOINotDetect_ms_u16p0 17244 k_LVCDetect_Volts_u10p6 n 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 k_LVHSDetect_ms_u16p0 9855 k LVHSNotDetect Volts u10p6 256 k_LVHSNotDetect_ms_u16p0 20284 k_LVLSCDetect_Volts_u10p6 43750 k_LVLSCDetect_ms_u16p0 k_LVLSCNotDetect_Volts_u10p6 256 42218 k_LVLSCNotDetect_ms_u16p0 k LVLSDetect Volts u10p6 38506 k LVLSDetect ms u16p0 k_LVLSNotDetect_Volts_u10p6 256 49621 k LVLSNotDetect ms u16p0 k_LVSMDetect_Volts_u10p6 k_LVSMDetect_ms_u16p0 26450 k_LVSMNotDetect_Volts_u10p6 256 k_LVSMNotDetect_ms_u16p0 18334 10 825098 $target_CustBattDiag_Per2_Batt_Volt_f32.value$ target_CustBattDiag_Per2_EngOn_Cnt_lgc.value $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ 13 0 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 136.152252 target Rte Call Ap CustBattDiag EpsEn OP GET signal 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value** Expected Value CustBattDiag_LOICIr_ms_M_u32p0 377529344 377529344 CustBattDiag_LOISet_ms_M_u32p0 377529344 377529344 3254606848 3254606848 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 600874496 600874496 3274334208 3274334208 CustBattDiag LVHSCCIr ms M u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 1032733184 1032733184 CustBattDiag LVHSClr ms M u32p0 1483901952 1483901952 CustBattDiag_LVHSSet_ms_M_u32p0 3237301760 3237301760 CustBattDiag_LVLSCCIr_ms_M_u32p0 990999552 990999552 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 1295545856 1295545856

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CustBattDiag_LVLSClr_ms_M_u32p0

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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)	
	Input Value
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2205622016
CustBattDiag_LOISet_ms_M_u32p0	3212237056
CustBattDiag_LVCCIr_ms_M_u32p0	3054939904
CustBattDiag_LVCSet_ms_M_u32p0	3894733056
CustBattDiag_LVHSCCIr_ms_M_u32p0	2610930432
CustBattDiag_LVHSCSet_ms_M_u32p0	243006720
CustBattDiag_LVHSCIr_ms_M_u32p0	2205622016
CustBattDiag_LVHSSet_ms_M_u32p0	3212237056
CustBattDiag_LVLSCCIr_ms_M_u32p0	1496999680
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240
CustBattDiag_LVLSCIr_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_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElap	
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	
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	
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32





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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kr	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3215775488	3215775488	~
CustBattDiag_LOISet_ms_M_u32p0	3212237056	3212237056	~
CustBattDiag_LVCCIr_ms_M_u32p0	3054939904	3054939904	~
CustBattDiag_LVCSet_ms_M_u32p0	3894733056	3894733056	~
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	1496999680	1496999680	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240	2035114240	~
CustBattDiag_LVLSClr_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	~

Т				~
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_LVHSCCIr_ms_M_u32p0	1863047680
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712
CustBattDiag_LVHSClr_ms_M_u32p0	2155177472
CustBattDiag_LVHSSet_ms_M_u32p0	2346596352
CustBattDiag_LVLSCCIr_ms_M_u32p0	105614848
CustBattDiag_LVLSCSet_ms_M_u32p0	3262816256
CustBattDiag_LVLSCIr_ms_M_u32p0	2954113536
CustBattDiag_LVLSSet_ms_M_u32p0	543482880
CustBattDiag_LVSMCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_LOICIr_ms_M_u32p0 2155177472 2155177472 CustBattDiag_LOISet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVCCIr_ms_M_u32p0 2597762560 2597762560 CustBattDiag_LVCSet_ms_M_u32p0 504629248 504629248 CustBattDiag_LVHSCCIr_ms_M_u32p0 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSCset_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464				
N. N. Combined, mg. uripsp0 50006	Name	Input Value		
NUMBORED 11590	k LOIDetect ms u16p0	•		
VLVDORECT, Units, U1006 \$220 VLVDORECT, Units, U1006 \$2334 VLVDORECT, Units, U1006 \$2340 VLVDORECT, U100		58096		
VEX.		256		
LVM-NDchaet Volts u1096		6926		
LVMSChoeter, volta_urlip6		1664		
LVHSCNetCletter(_vols_urlop6 256		25334		
KLMSCNOEDeet_Vols_u10p6		256		
L,UMSCNotDetect, voits, u10p6				
K_UMSDetect_woit_put_060		1664		
	k_LVHSCNotDetect_ms_u16p0	12982		
	k_LVHSDetect_Volts_u10p6	256		
	k_LVHSDetect_ms_u16p0	28349		
K_LVLSCObeted_volis_urlop6 256 18681 1864 1864 1864 1864 1864 1864 1864 1864 1866	k_LVHSNotDetect_Volts_u10p6	1664		
LVLSCObeted_ms_u16p0	k_LVHSNotDetect_ms_u16p0	5772		
K_LVLSCNotDetect_ms_u16p0 19274	k_LVLSCDetect_Volts_u10p6	256		
	k_LVLSCDetect_ms_u16p0	18681		
K_LVIS.Detect_ros_u16p0	k_LVLSCNotDetect_Volts_u10p6	1664		
k_LVLSNotDetect_vols_u10p6	k_LVLSCNotDetect_ms_u16p0	19274		
k_LVLSNoIDetect_Volts_u10p6 1664 k_LVSNDetect_ms_u16p0 61904 k_LVSMDetect_volts_u10p6 256 k_LVSMDetect_ws_u16p0 59720 k_LVSMNoEbetet_ms_u16p0 4124 k_LVSMNoEbetet_ms_u16p0 4124 k_LVSMNoEbetet_ms_u16p0 4124 target_CustBattDiag_Per2_Batt_Volt_f32.value 5.74556828 target_CustBattDiag_Per2_Engon_Crt_lgc.value 0 target_CustBattDiag_Per2_VehicleSpeedValid_Crt_lgc.value 1 target_CustBattDiag_Per2_VehicleSpeedValid_Crt_lgc.value 1 target_Rie_Call_Ap_CustBattDiag_Per2_VehicleSpeed_Kpt_f32 value 185.706665 target_Rie_Call_Ap_CustBattDiag_Sper2_VehicleSpeedVall_Crt_lgc.value 1 target_Rie_Call_Ap_CustBattDiag_Sper2_Per2_EngO_PC_ET_signal 1 target_Rie_Call_Ap_CustBattDiag_Sper2_Eng_PC_PC_ET_signal 1 target_Rie_Tall_Ap_CustBattDiag_Sc_CustBattDiag_Per2_Ent_Nf_f32 1 target_Rie_Inst_Ap_CustBattDiag_Sc_CustBattDiag_Per2_Ent_Mr_Crt_lgc target_CustBattDiag_Per2_Ent_Nf_f32 target_Rie_Inst_Ap_CustBattDiag_Sc_CustBattDiag_Per2_EtatMr_Crt_u0s target_CustBattDiag_Per2_StitSelected_Crt_lgc target_Rie_Inst_Ap_CustBattDiag_Sc_CustBattDiag_Per2_VehicleSpeedValid_Crt_lgc	k_LVLSDetect_Volts_u10p6	256		
k_LVS.MoDetect_ms_u16p0	k_LVLSDetect_ms_u16p0	3290		
k_LVSMDetect_Volts_u10p6 256 k_LVSMDetect_ms_u16p0 59720 k_LVSMNOtDetect_wis_u10p6 1684 k_LVSMNOtDetect_ms_u16p0 4124 k_LVSMNotDetect_ms_u16p0 4124 target_CustBattDiag_Per2_Batt_Volt_f32 value 57455628 target_CustBattDiag_Per2_Bott_Volt_f32 value 0 target_CustBattDiag_Per2_Std5elected_Ort_lgc_value 1 target_CustBattDiag_Per2_VehicleSpeed (Expt_grad) 1 target_Ruc_Call_Ap_CustBattDiag_EpsEn_OP_GETI_signal 1 target_Ruc_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current 1 target_Ruc_Lall_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 1 target_Ruc_lank_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 1 target_Ruc_lank_Ap_CustBattDiag_C_CustBattDiag_Per2_Enatt_Cnl_uot 1 target_Ruc_lank_Ap_CustBattDiag_C_CustBattDiag_Per2_Enatt_Cnl_uot 1 target_Ruc_lank_Ap_CustBattDiag_C_CustBattDiag_Per2_Enatt_Cnl_uot 1 target_Ruc_lank_Ap_CustBattDiag_C_CustBattDiag_Per2_VehicleSpeed*Aid_Cnl_uot 1 target_Ruc_lank_Ap_CustBattDiag_C_CustBattDiag_Per2_VehicleSpeed*Aid_Cnl_uot 1 target_Ruc_lank_Ap_CustBattDiag_C_CustBattDiag_Per2_VehicleSpeed*Aid_Cnl_uot	k_LVLSNotDetect_Volts_u10p6	1664		
k_LVSMDetect_ms_u16p0	k_LVLSNotDetect_ms_u16p0	61904		
k_LVSMNotDetect_voits_u10p6	k_LVSMDetect_Volts_u10p6	256		
k_LVSMNotDetect_ms_u16p0 4124 target_CustBattDiag_Per2_Engt_Not_Cnt_lgc_value 5.74556828 target_CustBattDiag_Per2_EngtMT_Cnt_u08_value 0 target_CustBattDiag_Per2_EngtMT_Cnt_u08_value 1 target_CustBattDiag_Per2_EtatMT_Cnt_u08_value 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc_value 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc_value 185.706665 target_Rte_Call_Ap_CustBattDiag_Per2_VehicleSpeed Kph_f32_value 185.706665 target_Rte_Call_Ap_CustBattDiag_SpesEn_OP_GET_signal 1 target_Rte_Call_Ap_CustBattDiag_SpesEn_OP_GET_signal 1 target_Rte_Call_Ap_CustBattDiag_SystemTime_DetmyslemTime_ms_u32_Current 3904126464 target_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current 3904126464 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_volt_f32 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_volt_f32 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_lgc 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc 1 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt	k_LVSMDetect_ms_u16p0	59720		
target_CustBattDiag_Per2_Batt_Volt_f32_value 5.74556828 target_CustBattDiag_Per2_EngOn_Cnt_lgc_value 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	k_LVSMNotDetect_Volts_u10p6	1664		
target_CustBattDiag_Per2_EtatMT_cnt_u08.value 0 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 1 target_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_lgc.value 1 target_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_lgc.value 1 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 185.706665 target_Rte_Call_Ap_CustBattDiag_Epr2_VehicleSpeed_Kph_f32.value 185.706665 target_Rte_Call_Ap_CustBattDiag_SpstemTime_DtrimeTiapsedTime mS_u16_Elap_Starget_Rte_Call_Ap_CustBattDiag_SystemTime_Detarget_Batt_Volt_f32 1 target_Rte_Call_Ap_CustBattDiag_SystemTime_Detarget_Batt_Volt_f32 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Engt_Not_f32 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Engt_Not_f32 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_SttdSelected_Cnt_lgc 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc 1 target_Rte_Inst_Ap_CustBattDiag_LVCit_ms_M_u32p0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	k_LVSMNotDetect_ms_u16p0	4124		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 0 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 1 target_CustBattDiag_Per2_VehicleSpeed valid_Cnt_lgc.value 1 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 1 target_Rte_Call_Ap_CustBattDiag_SystemTime_DetmIslapsedTime ms_u16_Elap_starget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current 58879 target_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_732 target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_732 target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Ng_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Reserved_Valid_Cnt_lgc Reserved_Valid_Cnt_lgc ValidatDiag_Locitr_ms_M_u32p0 Actual Value Expected Value Res <td>target_CustBattDiag_Per2_Batt_Volt_f32.value</td> <td>5.74556828</td> <td></td> <td></td>	target_CustBattDiag_Per2_Batt_Volt_f32.value	5.74556828		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value 1 target_CustBattDiag_Per2_VehicleSpeedVph_f32.value 185.706665 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 1 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrnmElapsedTime_ms_u16_Elap_S3879 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current 1 target_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current 1 target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_f32 1 target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_Igc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_Ugc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_Igc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc 1 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt	target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_Value 185.706665 target_Re_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 1 target_Re_Call_Ap_CustBattDiag_SystemTime_DiansedTime_mS_u32_Current 185.706665 target_Re_Call_Ap_CustBattDiag_SystemTime_DetSystemTime_mS_u32_Current 187.000000000000000000000000000000000000	target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
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 starget_Rte_Call_Ap_CustBattDiag_SystemTime_CetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_SystemTime_DetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_CustBattDiag_Per2_Vehicl	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 1 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Etap 35879 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 45879 target_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 41894126464 target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_f32 41894126464 target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_lgc 41894126464 target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08 41894126464 target_Rte_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_lgc 41894126464 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc 41894126464 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 41894126464 Name Actual Value Expected Value Res CustBattDiag_LOICIr_ms_M_u32p0 2155177472 2155177472 2155177472 CustBattDiag_LVCSet_ms_M_u32p0 2597762560 2597762560 2597762560 CustBattDiag_LVHSCIr_ms_M_u32p0 1863047680 1863047680 1863047680 CustBattDiag_LVHSCir_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVHSCir_ms_M_u32p0 3904126464	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target Rte Call Ap CustBattDiag_SystemTime_DtrmnElapsedTime mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	185.706665		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 3904126464 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_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_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc Name Actual Value Expected Value Res CustBattDiag_LOICIr_ms_M_u32p0 2155177472 2155177472 2155177472 CustBattDiag_LVCCIr_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVHSCotr_ms_M_u32p0 504629248 504629248 504629248 CustBattDiag_LVHSCotr_ms_M_u32p0 4222131712 2422131712 2422131712 CustBattDiag_LVHSCotr_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVHSCotr_ms_M_u32p0 105614848 105614848 105614848 CustBattDiag_LVLSCotr_ms_M_u32p0	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
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_Rte_Inst_Ap_CustBattDiag_2.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_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rust_Inst_Ap_CustBattDiag_Per	target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	53879		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Rph_f32 Name Actual Value Expected Value Res CustBattDiag_LOICir_ms_M_u32p0 2155177472	$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	3904126464		
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target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Res CustBattDiag_LOICIr_ms_M_u32p0 2155177472 2155177472 2155177472 CustBattDiag_LOISet_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVCCIr_ms_M_u32p0 2597762560 2597762560 2597762560 CustBattDiag_LVHSCCir_ms_M_u32p0 504629248 504629248 504629248 CustBattDiag_LVHSCCir_ms_M_u32p0 1863047680 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 4004126464 CustBattDiag_LVLSCCir_ms_M_u32p0 105614848 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 3262816256 CustBattDiag_LVLSCir_ms_M_u32p0 3904126464 3904126464 3904126464	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_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Res CustBattDiag_LOICIr_ms_M_u32p0 2155177472 2155177472 2155177472 CustBattDiag_LOISet_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVCCIr_ms_M_u32p0 2597762560 2597762560 2597762560 CustBattDiag_LVHSCCIr_ms_M_u32p0 1863047680 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464 3904126464	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
Name Actual Value Expected Value Res CustBattDiag_LOICIr_ms_M_u32p0 2155177472 2155177472 2155177472 CustBattDiag_LOISet_ms_M_u32p0 3904126464 3904126464 3904126464 CustBattDiag_LVCCIr_ms_M_u32p0 2597762560 2597762560 2597762560 2597762560 CustBattDiag_LVCSet_ms_M_u32p0 504629248	$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEnder SpeedValid_Cnt_IgEnder SpeedVa$	target_CustBattDiag_Per2_VehicleSpeedVa	id_Cnt_lgc	
CustBattDiag_LOICIr_ms_M_u32p0 2155177472 2155177472 CustBattDiag_LOISet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVCCIr_ms_M_u32p0 2597762560 2597762560 CustBattDiag_LVCSet_ms_M_u32p0 504629248 504629248 CustBattDiag_LVHSCCIr_ms_M_u32p0 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSCset_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
CustBattDiag_LOISet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVCCIr_ms_M_u32p0 2597762560 2597762560 CustBattDiag_LVCSet_ms_M_u32p0 504629248 504629248 CustBattDiag_LVHSCCIr_ms_M_u32p0 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	Name	Actual Value	Expected Value	Result
CustBattDiag_LVCCIr_ms_M_u32p0 2597762560 2597762560 CustBattDiag_LVCSet_ms_M_u32p0 504629248 504629248 CustBattDiag_LVHSCCIr_ms_M_u32p0 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LOICIr_ms_M_u32p0	2155177472	2155177472	•
CustBattDiag_LVCSet_ms_M_u32p0 504629248 504629248 CustBattDiag_LVHSCCIr_ms_M_u32p0 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LOISet_ms_M_u32p0	3904126464	3904126464	· · · · · · · · · · · · · · · · · · ·
CustBattDiag_LVHSCCIr_ms_M_u32p0 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LVCCIr_ms_M_u32p0	2597762560	2597762560	•
CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LVCSet_ms_M_u32p0	504629248	504629248	•
CustBattDiag_LVHSCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LVHSCCIr_ms_M_u32p0	1863047680	1863047680	•
CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712	2422131712	•
CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LVHSCIr_ms_M_u32p0	3904126464	3904126464	•
CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LVHSSet_ms_M_u32p0	3904126464	3904126464	
CustBattDiag_LVLSCIr_ms_M_u32p0 3904126464 3904126464	CustBattDiag_LVLSCCIr_ms_M_u32p0	105614848	105614848	•
	CustBattDiag_LVLSCSet_ms_M_u32p0	3262816256	3262816256	
CustRattDiag LVLSSet_ms_M_u32n0 3904126464 3904126464	CustBattDiag_LVLSCIr_ms_M_u32p0	3904126464	3904126464	
000 1120 10 1	CustBattDiag_LVLSSet_ms_M_u32p0	3904126464	3904126464	•
CustBattDiag_LVSMClr_ms_M_u32p0 3119022592 3119022592	CustBattDiag_LVSMClr_ms_M_u32p0	3119022592	3119022592	•
CustBattDiag_LVSMSet_ms_M_u32p0 2449847296 2449847296	CustBattDiag_LVSMSet_ms_M_u32p0	2449847296	2449847296	•

Τ				V
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	✓





Test Step 2.29 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1062637824
CustBattDiag_LOISet_ms_M_u32p0	2128878336
CustBattDiag_LVCCIr_ms_M_u32p0	3648168192
CustBattDiag_LVCSet_ms_M_u32p0	2743249664
CustBattDiag LVHSCCIr ms M u32p0	241382656
CustBattDiag LVHSCSet ms M u32p0	3702677248
CustBattDiag LVHSCIr ms M u32p0	1062637824
CustBattDiag LVHSSet ms M u32p0	2128878336
CustBattDiag_LVLSCCIr_ms_M_u32p0	410261760
CustBattDiag_LVLSCSet_ms_M_u32p0	783213312
CustBattDiag_LVLSCIr_ms_M_u32p0	2057972992
CustBattDiag_LVLSSet_ms_M_u32p0	2197821184
CustBattDiag_LVSMCIr_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	
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	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
	1344
k_LVHSCNotDetect_Volts_u10p6	9330
k_LVHSCNotDetect_ms_u16p0	
k_LVHSDetect_Volts_u10p6	448 23749
k_LVHSDetect_ms_u16p0	
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 © Report create te	

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CustBattDiag_F	er2
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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_LVLSCIr_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	✓

Т				✓
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	-

lame	Input Value
CustBattDiag LOICIr ms M u32p0	1360990208
CustBattDiag_LOISet_ms_M_u32p0	2367582720
CustBattDiag_LVCCIr_ms_M_u32p0	3339378688
CustBattDiag_LVCSet_ms_M_u32p0	2374156800
CustBattDiag_LVCGet_ms_M_u32p0	1401496576
CustBattDiag_LVHSCSet ms M u32p0	1908647424
CustBattDiag_LVHSCIr_ms_M_u32p0	1360990208
	2367582720
CustBattDiag_LVHSSet_ms_M_u32p0	98990080
CustBattDiag_LVLSCCIr_ms_M_u32p0	48110080
CustBattDiag_LVLSCSet_ms_M_u32p0	
CustBattDiag_LVLSCIr_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(Elap	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Current	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
_CustBattDiagLOlspd_kph_f32	485.808685
_CustBattDiaghispd_kph_f32	26.674984
_CustBattDiaglospd_kph_f32	70.2925415
_LOIDetect_ms_u16p0	13711
_LOINotDetect_ms_u16p0	65535
_LVCDetect_Volts_u10p6	1664
_LVCDetect_ms_u16p0	6414
_LVCNotDetect_Volts_u10p6	320
_LVCNotDetect_ms_u16p0	39142
_LVHSCDetect_Volts_u10p6	1920
_LVHSCDetect_ms_u16p0	1964
_LVHSCNotDetect_Volts_u10p6	320
LVHSCNotDetect ms u16p0	11820
_LVHSDetect_Volts_u10p6	1664
_LVHSDetect_ms_u16p0	24571
VHSNotDetect_Volts_u10p6	320
LVHSNotDetect_ms_u16p0	51434
LVLSCDetect Volts u10p6	1664
_LVLSCDetect_ms_u16p0	54196
_LVLSCNotDetect_Volts_u10p6	320
_LVLSCNotDetect_ws_u16p0	25145
LVLSDetect Volts u10p6	1664
LVLSDetect ms u16p0	5341
_LVLSNotDetect_Volts_u10p6	320
	61749
_LVLSNotDetect_ms_u16p0	
_LVSMDetect_Volts_u10p6	1664
_LVSMDetect_ms_u16p0	31482
_LVSMNotDetect_Volts_u10p6	320
_LVSMNotDetect_ms_u16p0	48670
arget_CustBattDiag_Per2_Batt_Volt_f32.value	26.3762341
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	147.878357



Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	:_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgrams and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kr	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	2199169024	2199169024	~
CustBattDiag_LOISet_ms_M_u32p0	2199169024	2199169024	~
CustBattDiag_LVCCIr_ms_M_u32p0	3339378688	3339378688	~
CustBattDiag_LVCSet_ms_M_u32p0	2374156800	2374156800	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	1401496576	1401496576	~
CustBattDiag_LVHSCSet_ms_M_u32p0	1908647424	1908647424	~
CustBattDiag_LVHSClr_ms_M_u32p0	1360990208	1360990208	~
CustBattDiag_LVHSSet_ms_M_u32p0	2367582720	2367582720	~
CustBattDiag_LVLSCCIr_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	~

Τ				✓
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_LVCCIr_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_LVHSSet_ms_M_u32p0	3700124928
CustBattDiag_LVLSCClr_ms_M_u32p0	2177587968
CustBattDiag_LVLSCSet_ms_M_u32p0	1810658560
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

CustBattDiag_Per2

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Input Value k_LVLSCDetect_ms_u16p0 30679 1536 k_LVLSCNotDetect_Volts_u10p6 9664 k LVLSCNotDetect ms u16p0 k_LVLSDetect_Volts_u10p6 576 k LVLSDetect ms_u16p0 59135 k_LVLSNotDetect_Volts_u10p6 1536 k_LVLSNotDetect_ms_u16p0 43629 k_LVSMDetect_Volts_u10p6 576 k_LVSMDetect_ms_u16p0 64327 k LVSMNotDetect Volts u10p6 1536 26962 k_LVSMNotDetect_ms_u16p0 19 2109947 $target_CustBattDiag_Per2_Batt_Volt_f32.value$ target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 6 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name **Actual Value Expected Value** CustBattDiag_LOICIr_ms_M_u32p0 3204500224 3204500224 CustBattDiag_LOISet_ms_M_u32p0 3204500224 3204500224 CustBattDiag LVCClr ms M u32p0 3204500224 3204500224 $CustBattDiag_LVCSet_ms_M_u32p0$ 3204500224 3204500224 CustBattDiag LVHSCCIr ms M u32p0 3204500224 3204500224 CustBattDiag_LVHSCSet_ms_M_u32p0 3204500224 3204500224 CustBattDiag LVHSClr ms M u32p0 3766588160 3766588160 CustBattDiag_LVHSSet_ms_M_u32p0 3700124928 3700124928

Т				✓
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	~

3204500224

3204500224

1842482944

3756476672

3257769728

1739675904

3204500224

3204500224

1842482944 3756476672

3257769728

1739675904

Test Step 2.32 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3559262720
CustBattDiag_LOISet_ms_M_u32p0	4025515008
CustBattDiag_LVCClr_ms_M_u32p0	3320863232
CustBattDiag_LVCSet_ms_M_u32p0	3019328512
CustBattDiag_LVHSCCIr_ms_M_u32p0	2181086720
CustBattDiag_LVHSCSet_ms_M_u32p0	2531217408
CustBattDiag_LVHSClr_ms_M_u32p0	3559262720
CustBattDiag_LVHSSet_ms_M_u32p0	4025515008
CustBattDiag_LVLSCCIr_ms_M_u32p0	828944896
CustBattDiag_LVLSCSet_ms_M_u32p0	4025312256
CustBattDiag_LVLSCIr_ms_M_u32p0	421828096
CustBattDiag_LVLSSet_ms_M_u32p0	3092047872
CustBattDiag_LVSMClr_ms_M_u32p0	3193038336
CustBattDiag_LVSMSet_ms_M_u32p0	2637084672

CustBattDiag_LVLSCCIr_ms_M_u32p0

CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

CustBattDiag_Per2

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Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_DtrmnElapsedTime_mS_u16_Elapse	dTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTir	me
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 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 Ela			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Currer			
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_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_EtatMT_Cnt_u08 target CustBattDiag Per2 SttdSelected Cnt		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttoSelected_Cnt_igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttoSelected_Cnt_igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttoSelected_Cnt_igc			
target_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_venicleSpeed_valid_Cnt_larget_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_venicleSpeedval		
		1	Passil
Name ContRettDiag OlCla ma M (2200)	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	1535664640	1535664640	•
CustBattDiag_LOISet_ms_M_u32p0	1535664640	1535664640	
CustBattDiag_LVCClr_ms_M_u32p0	3320863232 3019328512	3320863232 3019328512	
CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr ms_M_u32p0	2181086720	2181086720	
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	2531217408	2531217408	
CustBattDiag_LVHSCIr_ms_M_u32p0	3559262720	3559262720	
CustBattDiag_LVHSCet_ms_M_u32p0	1535664640	1535664640	
CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0	828944896	828944896	
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	4025312256	4025312256	
CustBattDiag_LVLSCset_ms_M_u32p0 CustBattDiag_LVLSCIr ms_M_u32p0	421828096	421828096	
CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	1535664640	1535664640	
CustBattDiag_LVSSet_Inis_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	3193038336	3193038336	
Odotbattblag_Lv OlviOil_III3_IVI_dozpo	2637084672	2637084672	
CustBattDiag LVSMSet ms M u32n0		_00100101L	
CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum		0xE2	
CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08	0xE2 0x00	0xE2 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 2.33 (Repeat Count = 1)	
	Input Value
	4294967295
	4294967295
	4294967295
	4294967295
	4294967295
	4294967295
	4294967295
	4294967295
	4294967295
	4294967295
0	4294967295
	4294967295
0	4294967295
0	
0	4294967295
	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Inst_Ap_CustBattDiag_2
,	4
	512
_	512
	512
	65535
	65535
	1984
	65535
	1984
	65535
	1984
	65535
	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
· - · ·	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15
	1
0 = 0= = = = = 0	1
0 = 0= = 1 = =0	512
·	1



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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	t_lgc	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic	target_CustBattDiag_Per2_VehicleSpeedVali	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVCCIr_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_LVLSCCIr_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_LVSMCIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	~

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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	~

lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2230637568
CustBattDiag_LOICit_ms_M_u32p0	4251112960
	898737152
CustBattDiag_LVCCIr_ms_M_u32p0	
CustBattDiag_LVCSet_ms_M_u32p0	2787124736
CustBattDiag_LVHSCCIr_ms_M_u32p0	4207224832
CustBattDiag_LVHSCSet_ms_M_u32p0	1642613248
custBattDiag_LVHSCIr_ms_M_u32p0	2230637568
CustBattDiag_LVHSSet_ms_M_u32p0	4251112960
sustBattDiag_LVLSCCIr_ms_M_u32p0	3767319552
CustBattDiag_LVLSCSet_ms_M_u32p0	3146186240
ustBattDiag_LVLSCIr_ms_M_u32p0	3670523904
rustBattDiag_LVLSSet_ms_M_u32p0	344105472
ustBattDiag_LVSMClr_ms_M_u32p0	299864064
ustBattDiag_LVSMSet_ms_M_u32p0	3706909184
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTi	m target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
_CustBattDiagLOIspd_kph_f32	492.513275
_CustBattDiaghispd_kph_f32	17.5019512
_CustBattDiaglospd_kph_f32	190.223709
_LOIDetect_ms_u16p0	59804
_LOINotDetect_ms_u16p0	31007
LVCDetect_Volts_u10p6	192
LVCDetect ms u16p0	21225
LVCNotDetect Volts u10p6	1856
LVCNotDetect ms u16p0	42350
LVHSCDetect Volts u10p6	768
LVHSCDetect ms u16p0	59854
LVHSCNotDetect Volts u10p6	1856
LVHSCNotDetect ms u16p0	8099
LVHSDetect Volts u10p6	192
LVHSDetect ms u16p0	1841
LVHSNotDetect_Volts_u10p6	1856
LVHSNotDetect ms u16p0	28258
LVLSCDetect Volts u10p6	192
LVLSCDetect ms u16p0	63554

CustBattDiag_Per2

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Odolbalibiag_1 cr2			10-10
Name	Input Value		
k_LVLSCNotDetect_Volts_u10p6	1856		
k_LVLSCNotDetect_ms_u16p0	37302		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	14967		
k_LVLSNotDetect_Volts_u10p6	1856		
k_LVLSNotDetect_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_3.$	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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_LVHSCCIr_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	✓
OvertDettDie v. 1.7/1.00 et vere M. v.00 e.0	244405472	244405472	

T				V
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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Test Step 2.35 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
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_LVHSCCIr_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_LVLSCIr_ms_M_u32p0	38241024
CustBattDiag_LVLSSet_ms_M_u32p0	1394531584
CustBattDiag_LVSMCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

CustBattDiag Per2

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Input Value $k_CustBattDiaglospd_kph_f32$ 69.1914825 52546 k_LOIDetect_ms_u16p0 58158 k_LOINotDetect_ms_u16p0 k_LVCDetect_Volts_u10p6 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 12772 k_LVHSCNotDetect_ms_u16p0 k LVHSDetect Volts u10p6 0 28514 k_LVHSDetect_ms_u16p0 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 k_LVLSDetect_ms_u16p0 64448 k_LVLSNotDetect_Volts_u10p6 1280 k_LVLSNotDetect_ms_u16p0 35164 k_LVSMDetect_Volts_u10p6 51508 k_LVSMDetect_ms_u16p0 k_LVSMNotDetect_Volts_u10p6 1280 36456 k LVSMNotDetect ms u16p0 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 0 target CustBattDiag Per2 SttdSelected Cnt lgc.value target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value target CustBattDiag Per2 VehicleSpeed Kph f32.value 21.4979305 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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_CustBattDiag_Per2_EngOn_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$ $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** Result CustBattDiag_LOICIr_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 LVHSCCIr ms M u32p0 3119467264 3119467264 CustBattDiag_LVHSCSet_ms_M_u32p0 1938679040 1938679040 CustBattDiag_LVHSClr_ms_M_u32p0 3239069440 3239069440 CustBattDiag_LVHSSet_ms_M_u32p0 2320384256 2320384256 CustBattDiag LVLSCCIr ms M u32p0 1340641024 1340641024 CustBattDiag_LVLSCSet_ms_M_u32p0 1921108224 1921108224 CustBattDiag LVLSCIr ms M u32p0 38241024 38241024 CustBattDiag_LVLSSet_ms_M_u32p0 1394531584 1394531584 CustBattDiag_LVSMClr_ms_M_u32p0 1077940992 1077940992

T				V
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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Test Step 2.36 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	4266257920	
CustBattDiag_LOISet_ms_M_u32p0	720896000	
CustBattDiag_LVCCIr_ms_M_u32p0	3897376256	
CustBattDiag_LVCSet_ms_M_u32p0	35639296	

CustBattDiag_LVSMSet_ms_M_u32p0



CustBattDiag_Per2		<u> </u>	Izorcat
Name	Input Value		
CustBattDiag_LVHSCCIr_ms_M_u32p0	1153229312 1791562752		
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	4266257920		
CustBattDiag LVHSSet ms M u32p0	720896000		
CustBattDiag_LVLSCCIr_ms_M_u32p0	3974174208		
CustBattDiag_LVLSCSet_ms_M_u32p0	2323474432		
CustBattDiag_LVLSClr_ms_M_u32p0	848574976		
CustBattDiag_LVLSSet_ms_M_u32p0	1710631936		
CustBattDiag_LVSMCIr_ms_M_u32p0	3471477248 308870144		
CustBattDiag_LVSMSet_ms_M_u32p0 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	DP GET signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim			ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT		
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 k_LOIDetect_ms_u16p0	280.085236 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 k_LVHSCNotDetect_Volts_u10p6	9087 1088		
k_LVHSCNotDetect_voits_u10p0	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 k_LVLSCNotDetect_Volts_u10p6	25717 1088		
k_LVLSCNotDetect_voils_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 k_LVSMNotDetect_Volts_u10p6	10838 1088		
k_LVSMNotDetect_voits_u10p0	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 target Rte Call Ap CustBattDiag EpsEn OP GET signal	15.370966		
target_Rte_Call_Ap_custBattDiag_EpsEri_OF_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name	target_CustBattDiag_Per2_VehicleSpeed_K Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	4159161856	4159161856	Result
CustBattDiag_LOISet ms M u32p0	4159161856	4159161856	
CustBattDiag_LVCClr_ms_M_u32p0	3897376256	3897376256	•
CustBattDiag_LVCSet_ms_M_u32p0	4159161856	4159161856	•
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet ms M u32p0	3974174208 4159161856	3974174208 4159161856	•
	7103101000	7 133 10 1030	_
-	848574976	848574976	~
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	848574976 1710631936	848574976 1710631936	•



CustBattDiag_	Per2
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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				V
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_LOICIr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag LVCCIr ms M u32p0	3576629504
CustBattDiag LVCSet ms M u32p0	3229569792
CustBattDiag_LVHSCClr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet ms M u32p0	2962458368
CustBattDiag_LVHSCIr_ms_M_u32p0	2717448448
	582402816
CustBattDiag_LVHSSet_ms_M_u32p0	2228453632
CustBattDiag_LVLSCCIr_ms_M_u32p0	
CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
CustBattDiag_LVLSCIr_ms_M_u32p0	3712619776
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424
CustBattDiag_LVSMCIr_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(ElapsedTi	
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
_CustBattDiagLOIspd_kph_f32	118.50753
_CustBattDiaghispd_kph_f32	12.7944412
_CustBattDiaglospd_kph_f32	200.200348
_LOIDetect_ms_u16p0	34440
C_LOINotDetect_ms_u16p0	15435
_LVCDetect_Volts_u10p6	640
c_LVCDetect_ms_u16p0	63455
z_LVCNotDetect_Volts_u10p6	0
LVCNotDetect ms u16p0	18567
_LVHSCDetect_Volts_u10p6	768
 _LVHSCDetect_ms_u16p0	31745
LVHSCNotDetect Volts u10p6	0
LVHSCNotDetect ms u16p0	43307
LVHSDetect_Volts_u10p6	640
LVHSDetect ms u16p0	23915
_LVHSNotDetect_Volts_u10p6	0
LVHSNotDetect ms u16p0	39657
LVLSCDetect Volts u10p6	640
LVLSCDetect ms u16p0	15053
LVLSCNotDetect_Ins_u10p6	0
	65455
_LVLSCNotDetect_ms_u16p0	640
_LVLSDetect_Volts_u10p6	
_LVLSDetect_ms_u16p0	15391
x_LVLSNotDetect_Volts_u10p6	0
x_LVLSNotDetect_ms_u16p0	12808
c_LVSMDetect_Volts_u10p6	640
c_LVSMDetect_ms_u16p0	12394
<pre>c_LVSMNotDetect_Volts_u10p6</pre>	0

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CustBattDiag_Per2 Input Value k_LVSMNotDetect_ms_u16p0 10418 target_CustBattDiag_Per2_Batt_Volt_f32.value 23.0694981 $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 2 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 0 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 165.727875 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 47293 $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\ \boxed{444559616}$ 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_ls_target_Cnt_ls_target_Cnt_ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

target_Nte_inst_Ap_custbattblag_z.custbattblag_rerz_veriiclespeeu_N	pii_i52 taiget_Custbattbiag_Fei2_	target_Custbattblag_Ferz_verificiespeeu_rpii_isz				
Name	Actual Value	Expected Value	Result			
CustBattDiag_LOICIr_ms_M_u32p0	444559616	444559616	~			
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	✓			
CustBattDiag_LVCCIr_ms_M_u32p0	3576629504	3576629504	✓			
CustBattDiag_LVCSet_ms_M_u32p0	444559616	444559616	✓			
CustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024	2070945024	~			
CustBattDiag_LVHSCSet_ms_M_u32p0	444559616	444559616	✓			
CustBattDiag_LVHSClr_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_LVLSCIr_ms_M_u32p0	3712619776	3712619776	✓			
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	✓			
CustBattDiag_LVSMCIr_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	✓			

Т				✓
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_LOICIr_ms_M_u32p0	2717448448	
CustBattDiag_LOISet_ms_M_u32p0	582402816	
CustBattDiag_LVCCIr_ms_M_u32p0	3576629504	
CustBattDiag_LVCSet_ms_M_u32p0	3229569792	
CustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024	
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368	
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448	
CustBattDiag_LVHSSet_ms_M_u32p0	582402816	
CustBattDiag_LVLSCCIr_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	

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Name	Input Value
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_C xBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_A custBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Cal xp_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiagLOlspd_kph_f32	118 7.53
k_CustBattDiaghispd_kph_f32	944412
k_CustBattDiaglospd_kph_f32	200.200348
k_LOIDetect_ms_u16p0	34440



Т				V
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	~

ame	Input Value
istBattDiag LOICIr ms M u32p0	1383545600
istBattDiag_LOISet_ms_M_u32p0	859002112
IstBattDiag_LVCCIr ms_M_u32p0	366856960
IstBattDiag_LVCSet_ms_M_u32p0	968910080
istBattDiag_LVHSCCIr_ms_M_u32p0	3729227520
IstBattDiag_LVHSCSet_ms_M_u32p0	1603680512
	1383545600
IstBattDiag_LVHSCIr_ms_M_u32p0	859002112
IstBattDiag_LVHSSet_ms_M_u32p0	325452544
IstBattDiag_LVLSCCIr_ms_M_u32p0	2114018560
IstBattDiag_LVLSCSet_ms_M_u32p0	
istBattDiag_LVLSCIr_ms_M_u32p0	3685824256
stBattDiag_LVLSSet_ms_M_u32p0	838119680
sstBattDiag_LVSMCIr_ms_M_u32p0	341231360
istBattDiag_LVSMSet_ms_M_u32p0	2644033792
e_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
e_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTire_	
e_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
e_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
e_Mode_Ap_CustBattDiag_SystemState_Mode()	3
CustBattDiagLOIspd_kph_f32	226.105026
CustBattDiaghispd_kph_f32	241.69725
CustBattDiaglospd_kph_f32	61.3359642
LOIDetect_ms_u16p0	2261
LOINotDetect_ms_u16p0	24736
LVCDetect_Volts_u10p6	1152
LVCDetect_ms_u16p0	20451
LVCNotDetect_Volts_u10p6	1040
LVCNotDetect_ms_u16p0	8635
LVHSCDetect_Volts_u10p6	1792
LVHSCDetect_ms_u16p0	35472
LVHSCNotDetect_Volts_u10p6	1040
LVHSCNotDetect_ms_u16p0	8446
LVHSDetect_Volts_u10p6	1152
LVHSDetect ms u16p0	55441
LVHSNotDetect_Volts_u10p6	1984
LVHSNotDetect ms u16p0	40936
LVLSCDetect_Volts_u10p6	1152
LVLSCDetect_ms_u16p0	40476
LVLSCNotDetect_Volts_u10p6	1040
LVLSCNotDetect_voils_u16p0	8959
LVLSCNotDetect_Inis_u1op0 LVLSDetect_Volts_u10p6	1152
LVLSDetect_voits_u1op0	5952
	1040
LVLSNotDetect_Volts_u10p6	
LVLSNotDetect_ms_u16p0	4960
LVSMDetect_Volts_u10p6	1152
LVSMDetect_ms_u16p0	17190
LVSMNotDetect_Volts_u10p6	1040
LVSMNotDetect_ms_u16p0	53914
get_CustBattDiag_Per2_Batt_Volt_f32.value	21.7121315
get_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1



CustBattDiag_Per2	, 11.10.00	R	azorcat "
Name	Input Value		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	226.009506		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LOISet_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVCCIr_ms_M_u32p0	366856960	366856960	✓
CustBattDiag_LVCSet_ms_M_u32p0	804352768	804352768	✓
CuetPottDiag I V/HSCCIr ma M u22n0	2720227520	2720227520	

Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	804352768	804352768	~
CustBattDiag_LOISet_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVCCIr_ms_M_u32p0	366856960	366856960	✓
CustBattDiag_LVCSet_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVHSCCIr_ms_M_u32p0	3729227520	3729227520	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	804352768	804352768	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1383545600	1383545600	✓
CustBattDiag_LVHSSet_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_LOICIr_ms_M_u32p0	3336901120	
CustBattDiag_LOISet_ms_M_u32p0	3449340928	
CustBattDiag_LVCClr_ms_M_u32p0	183591424	
CustBattDiag_LVCSet_ms_M_u32p0	36803584	
CustBattDiag_LVHSCCIr_ms_M_u32p0	2844018176	
CustBattDiag_LVHSCSet_ms_M_u32p0	3774879744	
CustBattDiag_LVHSClr_ms_M_u32p0	3336901120	
CustBattDiag_LVHSSet_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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Name	Input Value		
CustBattDiag_LVSMSet_ms_M_u32p0	991461376		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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	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 k_LVHSCNotDetect_ms_u16p0	1040 18095		
	320		
k_LVHSDetect_Volts_u10p6 k_LVHSDetect_ms_u16p0	32254		
k_LVHSNotDetect_Volts_u10p6	1040		
k_LVHSNotDetect_voits_u10p0	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_Igc.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 to the control of the $			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerset and the properties of the propertie$			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0	2844018176	2844018176	*
CustBattDiag_LVHSCSet_ms_M_u32p0	3774879744	3774879744	~
CustBattDiag_LVHSClr_ms_M_u32p0	3336901120	3336901120	~
CustBattDiag_LVHSSet_ms_M_u32p0	3449340928	3449340928	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	2570631680	2570631680	_
CustBattDiag_LVLSCSet_ms_M_u32p0	2404297728	2404297728	V
CustBattDiag_LVLSCIr_ms_M_u32p0	2653363712	2653363712	✓
CustBattDiag_LVLSSet_ms_M_u32p0	432320512	432320512	V
CustBattDiag_LVSMCIr_ms_M_u32p0	1047948800	1047948800	V
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	~



T4-04 0 44 (D4-04-1)			
Test Step 2.41 (Repeat Count = 1)	Innut Value		~
	Input Value 3239069440		
0	2320384256		
	3866744576		
0	3914748160		
	3119467264		
	1938679040		
CustBattDiag_LVHSClr_ms_M_u32p0	3239069440		
CustBattDiag_LVHSSet_ms_M_u32p0	2320384256		
CustBattDiag_LVLSCCIr_ms_M_u32p0	1340641024		
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224		
	38241024		
0	1394531584		
	1077940992		
0	3742231808	D OFT signal	
	target_Rte_Call_Ap_CustBattDiag_EpsEn_O		_
		me_DtrmnElapsedTime_mS_u16_ElapsedTim	ie
	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
	target_Rte_Inst_Ap_CustBattDiag_2		
12 112 12 12 13 13 13 14 14 15	131.33667		
	471.819061		
	69.1914825		
_ , _, _	52546		
	58158		
	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		
	1280		
,	12772		
	0		
	28514		
	1280		
	17223		
	0 48574		
	1280		
	49241		
	0		
	64448		
	1280		
	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		
0 = 0 = 0 = 0	0		
0 - 0	8		
0 = 0= = = = 0	0		
3-2	1		
· - · · - · - · - · - · - · - · - · - ·	21.4979305		
3 3 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
	target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc		
	target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt		
target_Ntc_mst_Ap_dastbattblag_2.oustbattblag_1 cr2_ottdocrected_ont_ige			
target Rte Inst Ap CustBattDiag 2 CustBattDiag Per2 VehicleSpeedValid Cnt Ic			
	Tarder CustBarrulan Perz Veniciesneed Kr	··_·-	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	Expected Value	Keem
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name	Actual Value	Expected Value	Result
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0	Actual Value 1892744960	1892744960	Resul
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	Actual Value 1892744960 1892744960	1892744960 1892744960	Result
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	Actual Value 1892744960	1892744960	~
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	Actual Value 1892744960 1892744960 3866744576	1892744960 1892744960 3866744576	~

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSClr_ms_M_u32p0	3239069440	3239069440	~
CustBattDiag_LVHSSet_ms_M_u32p0	2320384256	2320384256	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	1340641024	1340641024	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224	1921108224	•
CustBattDiag_LVLSCIr_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	~

Τ				V
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)	
	Innua Waling
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	4266257920
CustBattDiag_LOISet_ms_M_u32p0	720896000
CustBattDiag_LVCCIr_ms_M_u32p0	3897376256
CustBattDiag_LVCSet_ms_M_u32p0	35639296
CustBattDiag_LVHSCCIr_ms_M_u32p0	1153229312
CustBattDiag_LVHSCSet_ms_M_u32p0	1791562752
CustBattDiag_LVHSCIr_ms_M_u32p0	4266257920
CustBattDiag_LVHSSet_ms_M_u32p0	720896000
CustBattDiag_LVLSCCIr_ms_M_u32p0	3974174208
CustBattDiag_LVLSCSet_ms_M_u32p0	2323474432
CustBattDiag_LVLSCIr_ms_M_u32p0	848574976
CustBattDiag_LVLSSet_ms_M_u32p0	1710631936
CustBattDiag_LVSMCIr_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_DtrmnElapsedTime_mS_u26(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 1984
k_LVLSCDetect_Volts_u10p6	
k_LVLSCDetect_ms_u16p0	25717
k_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	53181
k_LVLSDetect_Volts_u10p6	1984 7311
k_LVLSDetect_ms_u16p0	1088
k_LVLSNotDetect_Volts_u10p6 k_LVLSNotDetect_ms_u16p0	55764
,	1984
k_LVSMDetect_Volts_u10p6	
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	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

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Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	15.370966		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_mS_u16_systemTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapseDtrmnElapsedTime_DtrmnElapseDtrmnElaps$	Elap 12368		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_Ge$	rrent 4159161856		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f3	2	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	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_lgcdescript{ $	target_CustBattDiag_Per2_SttdSelected	d_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_CustBattDiag_Per2_VehicleSpeed$	nt_lc target_CustBattDiag_Per2_VehicleSpee	edValid_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32000000000000000000000000000000000000$	target_CustBattDiag_Per2_VehicleSpee	ed_Kph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_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_LVLSCIr_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	✓

Т				V
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_LVCSet_ms_M_u32p0	1569765632
CustBattDiag_LVHSCCIr_ms_M_u32p0	1517286144
CustBattDiag_LVHSCSet_ms_M_u32p0	4101557504
CustBattDiag_LVHSClr_ms_M_u32p0	743075584
CustBattDiag_LVHSSet_ms_M_u32p0	3320752384
CustBattDiag_LVLSCCIr_ms_M_u32p0	1314371328
CustBattDiag_LVLSCSet_ms_M_u32p0	194982144
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

CustBattDiag_Per2



Input Value		
45509		
640		
65067		
1088		
20806		
960		
10723		
1088		
14493		
640		
25270		
1088		
4579		
25988		
1		
		Result
	·	Result
		Ž
1314371328	1314371328	
101-101 1020		
194982144		-
194982144	194982144	
2590190336	2590190336	~
t	45509 640 65067 1088 20806 960 10723 1088 14493 640 25270 1088 59157 640 4579 1088 25988 640 35058 1088 53964 640 57106 1088 33469 19.4605503 1 6 1 1 215.635406 0 0 38353 4185270016 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_StdSelected_Cr target_CustBattDiag_Per2_StdSelected_Cr target_CustBattDiag_Per2_VehicleSpeedVa	45509 640 65067 1088 20806 960 10723 1088 14493 640 25270 1088 59157 640 4579 1088 25988 640 35058 1088 33469 19.4605503 1 1 1 215.635406 0 38353 4185270016 4185270016 4240310016 1485270016 4185270016

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_LVHSCCIr_ms_M_u32p0	2547706368	
CustBattDiag_LVHSCSet_ms_M_u32p0	2510838784	

CustBattDiag_Per2





Input Value		
3074127360		
3686189056		
3382784		
1455763456		
593261568		
, <u> </u>	,	
V		
	me_GetSystemTime_ms_u32_CurrentTime	
24296		
192		
22432		
320		
7142		
448		
57401		
320		
2978		
192		
52702		
320		
7002		
0		
1		
119.546936		
1		
33117		
t 3298315776		
target_CustBattDiag_Per2_Batt_Volt_f32		
target_CustBattDiag_Per2_EngOn_Cnt_lgc		
<u> </u>	_	
Actual Value	Expected Value	Resul
3298315776	3298315776	•
3298315776	3298315776	•
1210107392	1210107392	
4044396544	4044396544	•
2547706368	2547706368	
		•
		•
		•
3382784	3382784	•
1455763456	1455763456	•
0.400700.400	0.400700.400	
3403760128	3403760128	•
3298315776	3298315776	•
	3382784 1455763456 3403760128 593261568 2096730624 2413904896 target_Rte_Call_Ap_CustBattDiag_EpsEn_C 1 target_Rte_Call_Ap_CustBattDiag_SystemTitarget_Rte_Inst_Ap_CustBattDiag_SystemTitarget_Rte_Inst_Ap_CustBattDiag_2 3 348.95224 0 332.629303 17484 24296 192 22432 320 7142 448 57401 320 2978 192 52702 320 7002 192 32167 320 15581 192 65178 320 44581 192 26201 320 44581 192 26201 320 15219 30.6883354 1 0 0 0 1 119.546936 1 13298315776 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_VehicleSpeed_Kg Actual Value 3298315776 129107392 4044396544 2547706368 2510838784 3074127360 3298315776 12107392 4044396544 2547706368 2510838784 3074127360 3298315776	3382784 1455763456 3403760128 593261568 2056730624 2413904896 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtmmElapsedTime_mS_u16_ElapsedTimeget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_CustBattDiag_2 3 348.95224 0 332.6293003 17484 24296 192 22432 320 71422 448 57401 320 2978 192 22782 320 7002 192 32167 320 15581 192 25167 320 15581 192 26201 320 15581 192 26201 320 15581 192 26201 320 15581 192 26201 320 15581 192 26201 320 15581 192 26201 320 44581 191 192 853764 4581 192 86201 320 45881 176 3298315776 4arget_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EtatMT_Cnt_U68 target_CustBattDiag_Per2_EtatMT_Cnt_U68 target_CustBattDiag_Per2_Tent_On_Cnt_Igc target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_CustBattDiag_Per2_Tent_NT_Cnt_U68 target_CustBattDiag_Per2_Tent_NT_Cnt_

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

Т	Τ			
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	~

lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	121921792
CustBattDiag_LOISet_ms_M_u32p0	1704618752
sustBattDiag_LVCCIr_ms_M_u32p0	1305768192
sustBattDiag_LVCSet ms M u32p0	2429352704
ustBattDiag_LVHSCCIr_ms_M_u32p0	1681261824
ustBattDiag_LVHSCSet_ms_M_u32p0	2803216128
ustBattDiag_LVHSCIr_ms_M_u32p0	121921792
sustBattDiag_LVHSSet ms M u32p0	1704618752
ustBattDiag_LVLSCCIr ms M u32p0	2667309312
ustBattDiag_LVLSCSet_ms_M_u32p0	2416915200
ustBattDiag_LVLSCIr_ms_M_u32p0	1921187072
ustBattDiag_LVLSSet_ms_M_u32p0	2354669312
ustBattDiag_LVSMCIr_ms_M_u32p0	3782872320
ustBattDiag_LVSMSet_ms_M_u32p0	504035072
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_EpsEn_OP_GE1(signal) te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(
te_Call_Ap_CustBattDiag_SystemTime_DtfffinEiapsedTime_ffiS_uTo(te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Cu	
	target Rte Inst Ap CustBattDiag 2
re_Inst_Ap_CustBattDiag re_Mode Ap_CustBattDiag SystemState Mode()	target_Rte_inst_Ap_CustBattDlag_2
: : : _ : _ : _ : _ : _ :	262.498413
_CustBattDiagLOIspd_kph_f32	
_CustBattDiaghispd_kph_f32	512
_CustBattDiaglospd_kph_f32	259.240479
LOIDetect_ms_u16p0	62585
LOINotDetect_ms_u16p0	59356 896
_LVCDetect_Volts_u10p6	
LVCDetect_ms_u16p0	1020
LVCNotDetect_Volts_u10p6	1472
_LVCNotDetect_ms_u16p0	56932
_LVHSCDetect_Volts_u10p6	960
_LVHSCDetect_ms_u16p0	18163
_LVHSCNotDetect_Volts_u10p6	1472
_LVHSCNotDetect_ms_u16p0	7661
LVHSDetect_Volts_u10p6	896
_LVHSDetect_ms_u16p0	13731
_LVHSNotDetect_Volts_u10p6	1472
_LVHSNotDetect_ms_u16p0	7528
_LVLSCDetect_Volts_u10p6	896
_LVLSCDetect_ms_u16p0	11865
_LVLSCNotDetect_Volts_u10p6	1472
_LVLSCNotDetect_ms_u16p0	8815
_LVLSDetect_Volts_u10p6	896
LVLSDetect_ms_u16p0	31008
_LVLSNotDetect_Volts_u10p6	1472
_LVLSNotDetect_ms_u16p0	9013
_LVSMDetect_Volts_u10p6	896
LVSMDetect_ms_u16p0	33664
_LVSMNotDetect_Volts_u10p6	1472
_LVSMNotDetect_ms_u16p0	9196
rget_CustBattDiag_Per2_Batt_Volt_f32.value	17.8597775
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1

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	t_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0	9296128	9296128	•
CustBattDiag_LVHSCSet_ms_M_u32p0	9296128	9296128	•
CustBattDiag_LVHSCIr_ms_M_u32p0	121921792	121921792	~
CustBattDiag_LVHSSet_ms_M_u32p0	1704618752	1704618752	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	9296128	9296128	~
CustBattDiag_LVLSCSet_ms_M_u32p0	9296128	9296128	~
CustBattDiag_LVLSCIr_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	~

Τ				V
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_LVCCIr_ms_M_u32p0	4112871424
CustBattDiag_LVCSet_ms_M_u32p0	2464403968
CustBattDiag_LVHSCCIr_ms_M_u32p0	3780162560
CustBattDiag_LVHSCSet_ms_M_u32p0	2212083200
CustBattDiag_LVHSClr_ms_M_u32p0	3029704704
CustBattDiag_LVHSSet_ms_M_u32p0	1446740480
CustBattDiag_LVLSCCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	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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N	In and Value		
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	3835246592	3835246592	•
CustBattDiag_LOISet_ms_M_u32p0	3835246592	3835246592	•
CustBattDiag_LVCCIr_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_LVHSSet_ms_M_u32p0	1446740480	1446740480	•
CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0	1671732224	1671732224	•
CustBattDiag_LVSMSet_ms_M_u32p0	1847188992	1847188992	•

Т				✓
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)	est Step 2.47 (Repeat Count = 1)	
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	2717448448	
CustBattDiag_LOISet_ms_M_u32p0	582402816	
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	
CustBattDiag_LVCSet_ms_M_u32p0	3229569792	
CustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024	
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368	
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448	
CustBattDiag_LVHSSet_ms_M_u32p0	582402816	

CustBattDiag Per2

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Input Value CustBattDiag LVLSCCIr ms M u32p0 2228453632 1002867456 CustBattDiag_LVLSCSet_ms_M_u32p0 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_E$ 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() 118 50753 $k_CustBattDiagLOIspd_kph_f32$ 12.7944412 k_CustBattDiaghispd_kph_f32 200.200348 k CustBattDiaglospd kph f32 k_LOIDetect_ms_u16p0 34440 k LOINotDetect ms u16p0 15435 k_LVCDetect_Volts_u10p6 640 63455 k LVCDetect ms u16p0 k_LVCNotDetect_Volts_u10p6 0 k_LVCNotDetect_ms_u16p0 18567 k_LVHSCDetect_Volts_u10p6 768 k_LVHSCDetect_ms_u16p0 31745 k_LVHSCNotDetect_Volts_u10p6 k_LVHSCNotDetect_ms_u16p0 43307 k LVHSDetect Volts u10p6 640 23915 k_LVHSDetect_ms_u16p0 k LVHSNotDetect Volts u10p6 k_LVHSNotDetect_ms_u16p0 39657 k LVLSCDetect Volts u10p6 640 k_LVLSCDetect_ms_u16p0 15053 k LVLSCNotDetect Volts u10p6 k_LVLSCNotDetect_ms_u16p0 65455 k LVLSDetect Volts u10p6 640 k_LVLSDetect_ms_u16p0 15391 k_LVLSNotDetect_Volts_u10p6 12808 k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6 640 k_LVSMDetect_ms_u16p0 12394 k LVSMNotDetect Volts u10p6 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 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 165.727875 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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 Igc target CustBattDiag Per2 EngOn Cnt Igc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target CustBattDiag Per2 SttdSelected Cnt Igc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target CustBattDiag Per2 VehicleSpeed Kph f32 **Actual Value Expected Value** Name Result $CustBattDiag_LOICIr_ms_M_u32p0$ 444559616 444559616 CustBattDiag_LOISet_ms_M_u32p0 444559616 444559616 CustBattDiag_LVCCIr_ms_M_u32p0 3576629504 3576629504 CustBattDiag_LVCSet_ms_M_u32p0 444559616 444559616 $CustBattDiag_LVHSCCIr_ms_M_u32p0$ 2070945024 2070945024 CustBattDiag_LVHSCSet_ms_M_u32p0 444559616 444559616 2717448448 CustBattDiag LVHSCIr ms M u32p0 2717448448 CustBattDiag_LVHSSet_ms_M_u32p0 582402816 582402816 2228453632 2228453632 CustBattDiag_LVLSCCIr_ms_M_u32p0 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

2069090048

0xE0

0x00

0x00

2069090048

0xE0

0x00

CustBattDiag_LVSMSet_ms_M_u32p0

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum

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

Т				✓
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_LOICIr_ms_M_u32p0	4294967295
CustBattDiag LOISet ms M u32p0	4294967295
CustBattDiag_LVCClr_ms_M_u32p0	4294967295
CustBattDiag LVCSet ms M u32p0	4294967295
CustBattDiag LVHSCCIr ms M u32p0	4294967295
CustBattDiag LVHSCSet ms M u32p0	4294967295
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295
CustBattDiag LVHSSet ms M u32p0	4294967295
CustBattDiag LVLSCCIr ms M u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag LVLSCIr ms M u32p0	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295
CustBattDiag LVSMCIr 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	
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
<_CustBattDiaghispd_kph_f32	512
k_CustBattDiaglospd_kph_i32	512
k_Colstbattblagiospu_spii_i32 k_LOIDetect_ms_u16p0	65535
k_LOIDelect_nis_u1op0 k_LOINotDetect_ms_u16p0	65535
	1984
k_LVCDetect_Volts_u10p6	65535
k_LVCDetect_ms_u16p0	1984
k_LVCNotDetect_Volts_u10p6	
k_LVCNotDetect_ms_u16p0	65535
k_LVHSCDetect_Volts_u10p6	1984
k_LVHSCDetect_ms_u16p0	65535
<_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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		•
Input Value		
65535		
31		
1		
15		
1		
1		
512		
1		
65535		
t 4294967295		
target_CustBattDiag_Per2_Batt_Volt_f32		
target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc	
target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Actual Value	Expected Value	Result
4294967295	4294967295	~
4294967295	4294967295	✓
4294967295	4294967295	✓
4294967295	4294967295	✓
4294967295	4294967295	~
4294967295	4294967295	✓
4294967295	4294967295	✓
4294967295	4294967295	✓
4294967295	4294967295	•
4294967295	4294967295	✓
4294967295	4294967295	~
4294967295	4294967295	✓
4294967295	4294967295	✓
1	65535 31 1 1 15 1 15 1 1 512 1 p 65535 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cn tgtarget_CustBattDiag_Per2_VehicleSpeedVal target_CustBattDiag_Per2_VehicleSpeedVal target_CustBattDiag_Per2_VehicleSpeed_K Actual Value 4294967295	65535 31 1 1 15 1 15 1 1 15 1 1 512 1 1 512 1 p 65535 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_gc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value 4294967295

T				V
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 LOICIr 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_LVLSCSet_ms_M_u32p0	4007651072
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	m 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	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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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cr	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_VehicleSpeedVa	alid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_k	(ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr 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_LVHSCCIr_ms_M_u32p0	4006107392	4006107392	
CustBattDiag LVHSCSet ms M u32p0	2729255680	2729255680	~
CustBattDiag_LVHSClr_ms_M_u32p0	2266199296	2266199296	_
CustBattDiag LVHSSet ms M u32p0	2305597184	2305597184	✓
CustBattDiag LVLSCCIr ms M u32p0	2594536704	2594536704	-
CustBattDiag_LVLSCSet_ms_M_u32p0	4007651072	4007651072	-
CustBattDiag LVLSCIr ms M u32p0	1252184320	1252184320	-
CustBattDiag_LVLSSet_ms_M_u32p0	1587174144	1587174144	-
CustBattDiag LVSMCIr ms M u32p0	198107392	198107392	_
CustBattDiag LVSMSet ms M u32p0	3838372608	3838372608	~
<u> </u>			

Τ				
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_LVHSCCIr_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_LVSMCIr_ms_M_u32p0	1077940992	

CustBattDiag Per2

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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 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$ $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ 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() 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 65241 k_LVCDetect_ms_u16p0 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 k_LVHSDetect_ms_u16p0 28514 k_LVHSNotDetect_Volts_u10p6 1280 k_LVHSNotDetect_ms_u16p0 17223 k_LVLSCDetect_Volts_u10p6 48574 k_LVLSCDetect_ms_u16p0 k_LVLSCNotDetect_Volts_u10p6 1280 k_LVLSCNotDetect_ms_u16p0 49241 k_LVLSDetect_Volts_u10p6 k LVLSDetect ms u16p0 64448 k_LVLSNotDetect_Volts_u10p6 1280 35164 k LVLSNotDetect ms u16p0 k LVSMDetect Volts u10p6 k LVSMDetect ms u16p0 51508 k_LVSMNotDetect_Volts_u10p6 1280 k_LVSMNotDetect_ms_u16p0 36456 19.3157749 target_CustBattDiag_Per2_Batt_Volt_f32.value 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 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 21.4979305 target Rte Call Ap CustBattDiag EpsEn OP GET signal 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the$ $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Name **Expected Value** Result CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0 3119467264 3119467264 $CustBattDiag_LVHSCSet_ms_M_u32p0$ 1938679040 1938679040 CustBattDiag_LVHSClr_ms_M_u32p0 3239069440 3239069440 CustBattDiag_LVHSSet_ms_M_u32p0 2320384256 2320384256 CustBattDiag_LVLSCCIr_ms_M_u32p0 1340641024 1340641024 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 1921108224 1921108224 CustBattDiag_LVLSClr_ms_M_u32p0 38241024 38241024 1394531584 1394531584 CustBattDiag LVLSSet ms M u32p0 CustBattDiag_LVSMClr_ms_M_u32p0 1077940992 1077940992

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_LVSMSet_ms_M_u32p0



Test Step 2.51 (Repeat Count = 1)			V
Name	Input Value		
CustBattDiag_LOIClr_ms_M_u32p0	4294967295		
CustBattDiag_LOISet_ms_M_u32p0	4294967295		
CustBattDiag_LVCCIr_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_LVLSCCIr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCIr_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_O	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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	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 target CustBattDiag_Per2_EngOn_Cnt_lgc.value	31		
	15		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
0 _ 0_ 1	512		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target Rte Call Ap CustBattDiag EpsEn OP GET signal	1		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GE1_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target_Rte_Call_Ap_custBattDiag_SystemTime_Dtrime:apsedTime_ms_u1o_elap target Rte Call Ap CustBattDiag SystemTime GetSystemTime ms u32 Current			
target Rte Inst Ap CustBattDiag System Time Gelsystem Time Ins us2 Current 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_Batt_voit_is2 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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc			
	target_CustBattDiag_Per2_VehicleSpeed_Kp		
target Rte Inst Ap CustBattDiag 2 CustBattDiag Per2 VehicleSpeed Knh f32		Expected Value	Resul
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		Expedieu value	- INCOU
Name	Actual Value	· ·	
Name CustBattDiag_LOICIr_ms_M_u32p0	4294967295	4294967295	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	4294967295 4294967295	4294967295 4294967295	~
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	4294967295 4294967295 4294967295	4294967295 4294967295 4294967295	*
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	4294967295 4294967295	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_LVLSCCIr_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_LOICIr_ms_M_u32p0	2456419840
CustBattDiag_LOISet_ms_M_u32p0	3795488768
CustBattDiag_LVCCIr_ms_M_u32p0	1769033216
CustBattDiag_LVCSet ms M u32p0	923164672
CustBattDiag_LVHSCCIr_ms_M_u32p0	2441474560
CustBattDiag_LVHSCSet_ms_M_u32p0	3877413888
CustBattDiag_LVHSClr_ms_M_u32p0	2456419840
CustBattDiag LVHSSet ms M u32p0	3795488768
CustBattDiag_LVLSCCIr_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	
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
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





Name	Input Value		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.934296		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$	target_CustBattDiag_Per2_VehicleSpeedVali	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_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_LVLSCIr_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	~

Τ				✓
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_LVCCIr_ms_M_u32p0	3053639936
CustBattDiag_LVCSet_ms_M_u32p0	2953552640
CustBattDiag_LVHSCCIr_ms_M_u32p0	3444894976
CustBattDiag_LVHSCSet_ms_M_u32p0	3185104640
CustBattDiag_LVHSClr_ms_M_u32p0	970508544
CustBattDiag_LVHSSet_ms_M_u32p0	4214166272
CustBattDiag_LVLSCCIr_ms_M_u32p0	1166889216
CustBattDiag_LVLSCSet_ms_M_u32p0	321444608
CustBattDiag_LVLSCIr_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(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	459.538025
k_CustBattDiaghispd_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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CustBattDiag_Per2

CustBattDiag_Per2		(a	ACITAL
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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ig			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	_	1
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	415580416	415580416	~
CustBattDiag_LOISet_ms_M_u32p0	415580416	415580416	V
CustBattDiag_LVCClr_ms_M_u32p0	3053639936	3053639936	
CustBattDiag_LVCSet_ms_M_u32p0	2953552640	2953552640	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	3444894976	3444894976	~
CustBattDiag_LVHSCSet_ms_M_u32p0	3185104640	3185104640	
CustBattDiag_LVHSCIr_ms_M_u32p0	970508544	970508544	~
CustBattDiag_LVHSSet_ms_M_u32p0	4214166272	4214166272	- J
CustBattDiag_LVLSCCIr_ms_M_u32p0	1166889216	1166889216	
CustBattDiag_LVLSCSet_ms_M_u32p0	321444608	321444608	
CustBattDiag_LVLSCIr_ms_M_u32p0	1794434304	1794434304	

Т				
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	~

3714551552

3202741504

3475185408

3714551552

3202741504

3475185408

Test Step 2.54 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	1350068224	
CustBattDiag_LOISet_ms_M_u32p0	438143488	
CustBattDiag_LVCClr_ms_M_u32p0	3627694080	
CustBattDiag_LVCSet_ms_M_u32p0	3787971072	
CustBattDiag_LVHSCCIr_ms_M_u32p0	596900864	
CustBattDiag_LVHSCSet_ms_M_u32p0	2653961728	
CustBattDiag_LVHSClr_ms_M_u32p0	1350068224	
CustBattDiag_LVHSSet_ms_M_u32p0	438143488	
CustBattDiag_LVLSCCIr_ms_M_u32p0	2306527232	
CustBattDiag_LVLSCSet_ms_M_u32p0	3545248256	

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

CustBattDiag Per2

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Input Value CustBattDiag LVLSCIr ms M u32p0 3767800832 6559232 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMClr_ms_M_u32p0 3170952192 CustBattDiag_LVSMSet_ms_M_u32p0 1299277312 target Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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() $k_CustBattDiagLOlspd_kph_f32$ 149.76178 k_CustBattDiaghispd_kph_f32 293.707977 512 k CustBattDiaglospd kph f32 7961 k_LOIDetect_ms_u16p0 k_LOINotDetect_ms_u16p0 20642 k_LVCDetect_Volts_u10p6 1088 62220 k LVCDetect ms u16p0 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 1088 k LVLSCDetect Volts u10p6 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 58930 k_LVSMDetect_ms_u16p0 k_LVSMNotDetect_Volts_u10p6 960 26645 k_LVSMNotDetect_ms_u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 6.50200605 target CustBattDiag Per2 EngOn Cnt Igc.value 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 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 SttdSelected Cnt Igc target CustBattDiag Per2 SttdSelected Cnt Igc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_tg\\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_tg\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_tg\\ target_Rte_InstAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_tg\\ target_Rte_InstAp_CustBattDiag_Per2_VehicleSp$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name **Actual Value Expected Value** Result CustBattDiag_LOICIr_ms_M_u32p0 462618624 462618624 CustBattDiag_LOISet_ms_M_u32p0 462618624 462618624 CustBattDiag_LVCCIr_ms_M_u32p0 3627694080 3627694080 CustBattDiag_LVCSet_ms_M_u32p0 3787971072 3787971072 $CustBattDiag_LVHSCCIr_ms_M_u32p0$ 462618624 462618624 CustBattDiag_LVHSCSet_ms_M_u32p0 2653961728 2653961728 $CustBattDiag_LVHSClr_ms_M_u32p0$ 1350068224 1350068224 CustBattDiag_LVHSSet_ms_M_u32p0 438143488 438143488 CustBattDiag LVLSCCIr ms M u32p0 462618624 462618624 CustBattDiag_LVLSCSet_ms_M_u32p0 3545248256 3545248256 3767800832 3767800832 CustBattDiag_LVLSClr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 6559232 6559232 3170952192 3170952192 CustBattDiag LVSMClr ms M u32p0

1299277312

0xF3

0x01

0x01

1299277312

0xF3

0x01

0x01

CustBattDiag_LVSMSet_ms_M_u32p0

NTC Cnt T enum

Param_Cnt_T_u08

Status_Cnt_T_enum



<i>T</i>				
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_LOICIr_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_LVHSCIr_ms_M_u32p0	2513799936
CustBattDiag_LVHSSet_ms_M_u32p0	2951619840
CustBattDiag_LVLSCCIr_ms_M_u32p0	1450070784
CustBattDiag_LVLSCSet_ms_M_u32p0	16133376
CustBattDiag_LVLSCIr_ms_M_u32p0	993167104
CustBattDiag_LVLSSet_ms_M_u32p0	373981440
CustBattDiag LVSMCIr 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(ElapsedTin	
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
CustBattDiagLOIspd_kph_f32	226.397095
	330.1651
CustBattDiaglospd kph f32	87.1230011
LOIDetect ms u16p0	53914
	44536
LVCDetect Volts u10p6	1728
_LVCDetect_ms_u16p0	56384
LVCNotDetect_Volts_u10p6	512
LVCNotDetect_ms_u16p0	57323
 :_LVHSCDetect_Volts_u10p6	960
LVHSCDetect ms u16p0	43961
c_LVHSCNotDetect_Volts_u10p6	512
c_LVHSCNotDetect_ms_u16p0	7962
z_LVHSDetect_Volts_u10p6	1728
 _LVHSDetect_ms_u16p0	25012
z_LVHSNotDetect_Volts_u10p6	512
 _LVHSNotDetect_ms_u16p0	43374
LVLSCDetect Volts u10p6	1728
LVLSCDetect ms u16p0	35584
LVLSCNotDetect_Volts_u10p6	512
LVLSCNotDetect ms u16p0	17502
 _LVLSDetect_Volts_u10p6	1728
u16p0	25982
	512
LVLSNotDetect_ms_u16p0	23177
 _LVSMDetect_Volts_u10p6	1728
 _LVSMDetect_ms_u16p0	63998
 _LVSMNotDetect_Volts_u10p6	512
z_LVSMNotDetect_ms_u16p0	29901
arget_CustBattDiag_Per2_Batt_Volt_f32.value	24.6622944
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	26.4667225
arget Rte Call Ap CustBattDiag EpsEn OP GET signal	0



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	t_lgc	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ig	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0	3016937216	3016937216	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4286974208	4286974208	~
CustBattDiag_LVHSClr_ms_M_u32p0	2513799936	2513799936	~
CustBattDiag_LVHSSet_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_LVSMCIr_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	✓

Name input Value CustBattDiag_LOICI_ms_M_u32p0 2717448448 CustBattDiag_LVCCI_ms_M_u32p0 582402816 CustBattDiag_LVCSet_ms_M_u32p0 327662904 CustBattDiag_LVHSCCI_ms_M_u32p0 2270945024 CustBattDiag_LVHSCSet_ms_M_u32p0 2970945024 CustBattDiag_LVHSCSet_ms_M_u32p0 29717448448 CustBattDiag_LVHSCOT_ms_M_u32p0 29717448448 CustBattDiag_LVHSCOT_ms_M_u32p0 582402816 CustBattDiag_LVMSCOT_ms_M_u32p0 29245450322 CustBattDiag_LVMSCOT_ms_M_u32p0 3712617976 CustBattDiag_LVMSCOT_ms_M_u32p0 3712617976 CustBattDiag_LVMSCOT_ms_M_u32p0 39724912 CustBattDiag_LVMSSet_ms_M_u32p0 2972492 CustBattDiag_LVMSSet_ms_M_u32p0 2972492 CustBattDiag_LVMSSet_ms_M_u32p0 2972912 CustBattDiag_LVMSSet_ms_M_u32p0 2970919424 Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u16(ElapsedTime_m	Test Step 2.56 (Repeat Count = 1)	✓
CustBattDlag_LOISet_ms_M_u32p0 882402816 CustBattDlag_LVCCir_ms_M_u32p0 3678629594 CustBattDlag_LVHSCCir_ms_M_u32p0 207945024 CustBattDlag_LVHSCCir_ms_M_u32p0 2070945024 CustBattDlag_LVHSCCir_ms_M_u32p0 2076945024 CustBattDlag_LVHSCet_ms_M_u32p0 2962483086 CustBattDlag_LVHSCet_ms_M_u32p0 2777448448 CustBattDlag_LVS.CCir_ms_M_u32p0 1002867456 CustBattDlag_LVS.Ccir_ms_M_u32p0 1002867456 CustBattDlag_LVS.Sct_ms_M_u32p0 1902919424 CustBattDlag_LVS.Sct_ms_M_u32p0 1902919424 CustBattDlag_LVS.Sct_ms_M_u32p0 2069090048 Rtc_Call_Ap_CustBattDlag_EpsEn_OP_CET_signal target_Ric_Call_Ap_CustBattDlag_EpsEn_OP_CET_signal Rtc_Call_Ap_CustBattDlag_SystemTime_DimmElapsedTime_ms_u12(ElapsedTime target_Ric_Call_Ap_CustBattDlag_SystemTime_DimmElapsedTime_ms_u12e_LepsEn_CepsE	Name	Input Value
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CustBattDiag_LVCSet_ms_M_u32p0 3229569792 CustBattDiag_LVHSCCir_ms_M_u32p0 2970445024 CustBattDiag_LVHSCir_ms_M_u32p0 2982458388 CustBattDiag_LVHSCir_ms_M_u32p0 582402816 CustBattDiag_LVN-SCir_ms_M_u32p0 2228453832 CustBattDiag_LVN-SCir_ms_M_u32p0 1002867456 CustBattDiag_LVN-SCir_ms_M_u32p0 3712619776 CustBattDiag_LVN-SCir_ms_M_u32p0 1902919424 CustBattDiag_LVN-SSet_ms_M_u32p0 92742912 CustBattDiag_LVN-SSet_ms_M_u32p0 2986990048 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal Rte_Call_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_ms_u16(ElapsedTime_rage_Rte_Call_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_ms_u16_ElapsedTime_raget_Rte_Call_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_ms_u16_ElapsedTime_raget_Rte_Call_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_ms_u16_ElapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_ms_u16_ElapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_ms_u16_ElapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_ms_u16_ElapsedTime_raget_Rte_Call_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_raget_Rte_Linst_Ap_CustBattDiag_SystemTime_DimmEliapsedTime_Rte_Lins	CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVHSCCir_ms_M_u32p0 2070945024 CustBattDiag_LVHSCcir_ms_M_u32p0 29624583688 CustBattDiag_LVHSCir_ms_M_u32p0 582402816 CustBattDiag_LVLSCCir_ms_M_u32p0 582402816 CustBattDiag_LVLSCCir_ms_M_u32p0 1002867466 CustBattDiag_LVLSCSet_ms_M_u32p0 3712619776 CustBattDiag_LVLSSet_ms_M_u32p0 3712619776 CustBattDiag_LVSMCir_ms_M_u32p0 92742912 CustBattDiag_LVSMCir_ms_M_u32p0 292742912 CustBattDiag_LVSMSet_ms_M_u32p0 20669090048 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmmElapsedTime_ms_u16(ElapsedTime_ms_elapsedTime_ms_u16_ElapsedTime_ms_elapsedTime_ms_u16_El	CustBattDiag_LVCClr_ms_M_u32p0	3576629504
CustBattDlag LVHSCSet, ms_M_u32p0 2962483888 CustBattDlag LVHSCir_ms_M_u32p0 582402816 CustBattDlag LVHSCir_ms_M_u32p0 582402816 CustBattDlag LVLSCCIr_ms_M_u32p0 1002867456 CustBattDlag LVLSCSet_ms_M_u32p0 3712619776 CustBattDlag LVLSCE, ms_M_u32p0 190291424 CustBattDlag LVSMCir_ms_M_u32p0 2069090048 CustBattDlag LVSMSet_ms_M_u32p0 2069090048 Rte_Call_Ap_CustBattDlag_EpsEn_OP_GET(signal) target_Ric_Call_Ap_CustBattDlag_EpsEn_OP_GET_signal Rte_Call_Ap_CustBattDlag_SystemTime_DetmnElapsedTime_ms_u16[ElapsedTime target_Ric_Call_Ap_CustBattDlag_SystemTime_DetmnElapsedTime Rte_Call_Ap_CustBattDlag_SystemTime_GetSystemTime_ms_u32(CurrentTime) target_Ric_Call_Ap_CustBattDlag_SystemTime_DetmnElapsedTime Rte_Mode_Ap_CustBattDlag_SystemState_Mode() 3 k_CustBattDlag_SystemState_Mode() 3 k_CustBattDla	CustBattDiag_LVCSet_ms_M_u32p0	3229569792
CustBattDiag_LVHSCir_ms_M_u32p0 2717448448 CustBattDiag_LVHSCels_ms_M_u32p0 552402816 CustBattDiag_LVLSCir_ms_M_u32p0 1002867456 CustBattDiag_LVLSCels_ms_M_u32p0 3712619776 CustBattDiag_LVLSSels_ms_M_u32p0 3712619776 CustBattDiag_LVSMCir_ms_M_u32p0 92742912 CustBattDiag_LVSMCir_ms_M_u32p0 2069090048 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTim_tele_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTim_tele_Inst_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime_Rte_Inst_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime_rel_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Descorate target_Rte_Call_Ap_CustBattDiag_	CustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024
CustBattDiag_LVHSSet_ms_M_u32p0 582402816 CustBattDiag_LVLSCSet_ms_M_u32p0 2228453632 CustBattDiag_LVLSCSet_ms_M_u32p0 3712619776 CustBattDiag_LVLSSet_ms_M_u32p0 3712619776 CustBattDiag_LVLSMCIr_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_DemoStatine_ms_u16(ElapsetTime_Rte_Call_Ap_CustBattDiag_SystemTime_DemoStatine_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_Ems_u32_CurrentTime Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 R_custBattDiagloLOlspd_kph_732 118.60753 R_CustBattDiagloLOlspd_kph_732 12.7944412 R_CustBattDiagloSystem_fie 34440 R_LOINOtDetect_ms_u16p0 640 R_LVCDetect_Volts_u10p6 640 R_LVCDetect_Volts_u10p6 788 R_LVHSCDetect_Volts_u10p6 640 R_LVHSCNDetect_Volts_u10p6 640 R_LVHSCNDetect_Volts_u10p6 640 R_LVHSCNDetect_Volts_u10p6 640 R_LVHSCNDetect_Volts_u10p6 <td< td=""><td>CustBattDiag_LVHSCSet_ms_M_u32p0</td><td>2962458368</td></td<>	CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVLSCCr_ms_M_u32p0 2228453632 CustBattDiag_LVLSCf_ms_M_u32p0 1002867456 CustBattDiag_LVLSCf_ms_M_u32p0 3712619776 CustBattDiag_LVSMCr_ms_M_u32p0 1902919424 CustBattDiag_LVSMSet_ms_M_u32p0 292742912 CustBattDiag_LVSMSet_ms_M_u32p0 2069090048 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmcElapsedTime_ms_u16(ElapsedTime_ms_u16(ElapsedTime_ms_u16_ElapsedTim	CustBattDiag_LVHSClr_ms_M_u32p0	2717448448
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CustBattDiag_LVSSet_ms_M_u32p0 1902919424 CustBattDiag_LVSMSct_ms_M_u32p0 20742912 CustBattDiag_LVSMSct_ms_M_u32p0 2069090048 Rtc_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemState_Mode() 3 Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 R_CustBattDiagloSpd_kph_f32 118.50753 R_CustBattDiagloSpd_kph_f32 118.50753 R_LOIDEtect_ms_u16p0 34440 R_LOINOIDetect_ms_u16p0 34440 R_LVCDetect_Volts_u10p6 640 R_LVCDetect_ms_u16p0 63455 R_LVCDetect_wolts_u10p6 640 R_LVCNoIDetect_ms_u16p0 18567 R_LVHSCDetect_ms_u16p0 31745 R_LVHSCNoIDetect_ms_u16p0 43307 R_LVHSCNoIDetect_ms_u16p0 43307 R_LVHSCNoIDetect_ms_u16p0 43307 R_LVHSCNoIDetect_ms_u16p0 43307 R_LVHSCNoIDetect_ms_u16p0 43307 R_LVHS	CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
CustBattDiag_LVSMCIr_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_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime_rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime Rte_Call_Ap_CustBattDiag_SystemState_Mode() 3 Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiaghSyst_Msh_f32 118.50753 k_CustBattDiaghSyst_Msh_f32 12.7944412 k_CustBattDiaglospd_kph_f32 200.200348 k_LONDetect_ms_u16p0 34440 k_LONDetect_ms_u16p0 640 k_LVCNotDetect_ws_u16p0 6455 k_LVCNotDetect_ws_u16p0 63455 k_LVCNotDetect_volts_u10p6 768 k_LVHSCNotDetect_ms_u16p0 31745 k_LVHSCNotDetect_ws_u16p0 43307 k_LVHSDetect_volts_u10p6 640 k_LVHSDetect_ws_u16p0 43307 k_LVHSDetect_ws_u16p0 23915 k_LVHSDetect_ws_u16p0 39657<	CustBattDiag_LVLSClr_ms_M_u32p0	3712619776
CustBattDiag_LVSMSet_ms_M_u32p0 2069090048 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime Rte_Mode_Ap_CustBattDiag SystemState_Mode() 3 k_CustBattDiagLOlspd_kph_f32 118.50753 k_CustBattDiaglospd_kph_f32 12.7944412 k_CustBattDiaglospd_kph_f32 200.200348 k_LOINotDetect_ms_u16p0 34440 k_LOINotDetect_ms_u16p0 640 k_LVCDetect_vis_u10p6 640 k_LVCNotDetect_vis_u10p6 0 k_LVHSCDetect_vis_u10p6 768 k_LVHSCDetect_vis_u10p6 0 k_LVHSCNotDetect_Vis_u10p6 0 k_LVHSDetect_Vis_u10p6 640 k_LVHSDetect_vis_u10p6 640 k_LVHSDetect_vis_u10p6 640 k_LVHSDetect_vis_u10p6 0 k_LVHSDetect_vis_u10p6 0	CustBattDiag_LVLSSet_ms_M_u32p0	1902919424
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_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_Target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime_Target_Rte_Node_Ap_CustBattDiag_SystemState_Mode() 3 Rte_Inst_Ap_CustBattDiag_SystemState_Mode() 3 k_ CustBattDiag_SystemState_Mode() 3 k_ LUORDECET_World kph_f32 118.50753 k_ LUNSCDetect_Molts_u10p6 640 k_ LUNSDOTECET_Molts_u1	CustBattDiag_LVSMClr_ms_M_u32p0	92742912
Rte_Call_Ap_CustBattDiag_SystemTime_DtrnnElapsedTime_mS_u16(ElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrnnElapsedTime_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_SystemState_Mode() 3 k_CustBattDiag_SystemState_Mode() 118.50753 k_CustBattDiagospd_kph_f32 12.7944412 k_CustBattDiagospd_kph_f32 200.200348 k_UolDetect_ms_u16p0 34440 k_LolDetect_ms_u16p0 45455 k_UVCDetect_ms_u16p0 63455 k_UVCNotDetect_ms_u16p0 18567 k_UVHSCDetect_ms_u16p0 18567 k_UVHSCDetect_volts_u10p6 6 k_UVHSCDetect_volts_u10p6 31745 k_UVHSCNotDetect_volts_u10p6 43307 k_UVHSDetect_volts_u10p6 640 k_UVHSDetect_volts_u10p6 640 k_UVHSDetect_volts_u10p6 640 k_UVHSDetect_volts_u10p6 640 k_UVHSDetect_volts_u10p6 640 k_UVHSDetect_volts_u10p6 640 k_UVHSNotDetect_volts_u10p6 0 k_UVHSNo	CustBattDiag_LVSMSet_ms_M_u32p0	2069090048
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime Rte_Inst_Ap_CustBattDiag_SystemState_Mode() 3 Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiagLolspd_kph_f32 118.50753 k_CustBattDiaglospd_kph_f32 12.7944412 k_CustBattDiaglospd_kph_f32 200.200348 k_UOIDetect_ms_u16p0 34440 k_LOINotDetect_ms_u16p0 640 k_LVCDetect_Volts_u10p6 640 k_LVCDetect_wolts_u10p6 0 k_LVCNotDetect_volts_u10p6 0 k_LVHSCDetect_wolts_u10p6 768 k_LVHSCDetect_volts_u10p6 0 k_LVHSCDetect_wolts_u10p6 0 k_LVHSCNotDetect_volts_u10p6 0 k_LVHSCNotDetect_wolts_u10p6 0 k_LVHSCNotDetect_ms_u16p0 43307 k_LVHSDetect_wolts_u10p6 640 k_LVHSDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_wolts_u10p6 0 k_LVHSNotDetect_wolts_u10p6	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Inst_Ap_CustBattDiag target_Rte_Inst_Ap_CustBattDiag_2 Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiaglospd_kph_f32 118.50753 k_CustBattDiaglospd_kph_f32 12.7944412 k_CustBattDiaglospd_kph_f32 200.200348 k_UolDetect_ms_u16p0 34440 k_LOINotDetect_ms_u16p0 15435 k_LVCDetect_Volts_u10p6 640 k_LVCDetect_ms_u16p0 63455 k_LVCNotDetect_wolts_u10p6 0 k_LVCNotDetect_wolts_u10p6 18567 k_LVHSCDetect_wolts_u10p6 768 k_LVHSCDetect_ms_u16p0 31745 k_LVHSCNotDetect_wolts_u10p6 0 k_LVHSCNotDetect_wolts_u10p6 43307 k_LVHSDetect_ms_u16p0 43307 k_LVHSDetect_ms_u16p0 23915 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 </td <td>$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$</td> <td>target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime</td>	$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rts_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiagLOlspd_kph_f32 118.50753 k_CustBattDiaglispd_kph_f32 12.7944412 k_CustBattDiaglispd_kph_f32 200.200348 k_LOIDetect_ms_u16p0 34440 k_LVDINDEtect_ms_u16p0 15435 k_LVCDetect_Volts_u10p6 640 k_LVCNotDetect_Volts_u10p6 0 k_LVCNotDetect_ms_u16p0 18567 k_LVRSCDetect_volts_u10p6 768 k_LVHSCDetect_ms_u16p0 31745 k_LVHSCNotDetect_volts_u10p6 0 k_LVHSCNotDetect_ms_u16p0 43307 k_LVHSCNotDetect_ms_u16p0 43307 k_LVHSDetect_ms_u16p0 23915 k_LVHSDetect_volts_u10p6 0 k_LVHSDetect_ms_u16p0 23915 k_LVHSNotDetect_ms_u16p0 39667 k_LVHSNotDetect_volts_u10p6 640	$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
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_vs_u16p0 63455 k_LVCNotDetect_volts_u10p6 0 k_LVCNotDetect_ms_u16p0 18567 k_LVHSCDetect_ws_u16p0 31745 k_LVHSCNotDetect_volts_u10p6 0 k_LVHSCNotDetect_volts_u10p6 0 k_LVHSCNotDetect_volts_u10p6 43307 k_LVHSDetect_ws_u16p0 43307 k_LVHSDetect_ms_u16p0 23915 k_LVHSNotDetect_volts_u10p6 0	Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
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_volts_u10p6 768 k_LVHSCDetect_wolts_u10p6 31745 k_LVHSCNotDetect_Volts_u10p6 0 k_LVHSCNotDetect_volts_u10p6 43307 k_LVHSCNotDetect_ms_u16p0 43307 k_LVHSDetect_ms_u16p0 23915 k_LVHSDetect_ms_u16p0 23915 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
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_vs_u16p0 18567 k_LVHSCDetect_Volts_u10p6 768 k_LVHSCNotDetect_volts_u10p6 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_CustBattDiagLOlspd_kph_f32	118.50753
k_LOIDetect_ms_u16p0 34440 k_LOINotDetect_ms_u16p0 15435 k_LVCDetect_Volts_u10p6 640 k_LVCDetect_ms_u16p0 63455 k_LVCNotDetect_wolts_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_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0	k_CustBattDiaghispd_kph_f32	12.7944412
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_CustBattDiaglospd_kph_f32	200.200348
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_LOIDetect_ms_u16p0	34440
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_volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LOINotDetect_ms_u16p0	15435
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_volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LVCDetect_Volts_u10p6	640
k_LVRSCDetect_ms_u16p0 18567 k_LVRSCDetect_volts_u10p6 768 k_LVRSCDetect_ms_u16p0 31745 k_LVRSCNotDetect_volts_u10p6 0 k_LVRSCNotDetect_ms_u16p0 43307 k_LVRSDetect_volts_u10p6 640 k_LVRSDetect_ms_u16p0 23915 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_volts_u10p6 640	k_LVCDetect_ms_u16p0	63455
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_volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LVCNotDetect_Volts_u10p6	0
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_LVCNotDetect_ms_u16p0	18567
k_LVHSCNotIDetect_Volts_u10p6 0 k_LVHSCNotIDetect_ms_u16p0 43307 k_LVHSDetect_Volts_u10p6 640 k_LVHSDetect_ms_u16p0 23915 k_LVHSNotIDetect_Volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LVHSCDetect_Volts_u10p6	768
k_LVHSCNotIDetect_ms_u16p0 43307 k_LVHSDetect_Volts_u10p6 640 k_LVHSDetect_ms_u16p0 23915 k_LVHSNotIDetect_volts_u10p6 0 k_LVHSNotIDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LVHSCDetect_ms_u16p0	31745
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_LVHSCNotDetect_Volts_u10p6	0
k_LVHSDetect_ms_u16p0 23915 k_LVHSNotDetect_Volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LVHSCNotDetect_ms_u16p0	43307
k_LVHSNotDetect_Volts_u10p6 0 k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LVHSDetect_Volts_u10p6	640
k_LVHSNotDetect_ms_u16p0 39657 k_LVLSCDetect_Volts_u10p6 640	k_LVHSDetect_ms_u16p0	23915
k_LVLSCDetect_Volts_u10p6 640	k_LVHSNotDetect_Volts_u10p6	0
	k_LVHSNotDetect_ms_u16p0	39657
k_LVLSCDetect_ms_u16p0 15053	k_LVLSCDetect_Volts_u10p6	640
	k_LVLSCDetect_ms_u16p0	15053

CustBattDiag Per2

CustBattDiag_LVLSCCIr_ms_M_u32p0
CustBattDiag_LVLSCSet_ms_M_u32p0

CustBattDiag_LVLSClr_ms_M_u32p0

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

NTC_Cnt_T_enum

Param_Cnt_T_u08

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum

Status_Cnt_T_enum

2015-04-21, 11:43:03+0530



CustBattDiag_Per2			TAACILAG
Name	Input Value		
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	47293		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEnder SpeedValid_Cnt_IgEnder SpeedVa$	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVCCIr_ms_M_u32p0	3576629504	3576629504	✓
CustBattDiag_LVCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024	2070945024	~
CustBattDiag_LVHSCSet_ms_M_u32p0	444559616	444559616	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448	2717448448	~
CustBattDiag_LVHSSet_ms_M_u32p0	582402816	582402816	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	2228453632	2228453632	✓

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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	✓	

444559616

3712619776

1902919424

2069090048

92742912

0xE0

0x00

0x00

0xE3

0x00

0x00

444559616

3712619776

1902919424

2069090048

92742912

0xE0

0x00

0x00

0xE3

0x00

0x00

Test Step 2.57 (Repeat Count = 1)		· ·
Name	Input Value	•
CustBattDiag_LOICIr_ms_M_u32p0	4294967295	
CustBattDiag_LOISet_ms_M_u32p0	4294967295	
CustBattDiag_LVCCIr_ms_M_u32p0	4294967295	
CustBattDiag LVCSet ms M u32p0	4294967295	

CustBattDiag_Per2



CusibaliDiag_Perz		(WECK	200
Name	Input Value		
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_LVLSCCIr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	4294967295 4294967295		
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVSMCIr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_O	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (Ela$		me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k CustBattDiagLOlspd 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 1984		
k_LVHSCDetect_Volts_u10p6 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_LV/LSCDetect_ms_u16p0	1984		
k_LVLSCNotDetect_Volts_u10p6 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 k_LVSMNotDetect_ms_u16p0	1984 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_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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	description 4294967295		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	:_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	V
CustBattDiag_LVCCIr_ms_M_u32p0	4294967295	4294967295	V
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	V
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet ms M u32p0	4294967295 4294967295	4294967295 4294967295	~
CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	4294967295	4294967295	
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0	4294967295	4294967295	~





Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	~

Τ				✓
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	~

Гest Step 2.58 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2746854400
CustBattDiag_LOISet_ms_M_u32p0	4187581952
CustBattDiag_LVCClr_ms_M_u32p0	3641474048
CustBattDiag_LVCSet_ms_M_u32p0	2407316992
CustBattDiag_LVHSCCIr_ms_M_u32p0	431194112
CustBattDiag_LVHSCSet_ms_M_u32p0	2277794304
CustBattDiag_LVHSClr_ms_M_u32p0	2746854400
CustBattDiag_LVHSSet_ms_M_u32p0	4187581952
CustBattDiag_LVLSCClr_ms_M_u32p0	1174180864
CustBattDiag_LVLSCSet_ms_M_u32p0	4280325632
CustBattDiag_LVLSCIr_ms_M_u32p0	2520455168
CustBattDiag_LVLSSet_ms_M_u32p0	3047930368
CustBattDiag_LVSMCIr_ms_M_u32p0	94955520
CustBattDiag_LVSMSet_ms_M_u32p0	1877084672
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
_CustBattDiagLOIspd_kph_f32	67.946167
_CustBattDiaghispd_kph_f32	436.827881
_CustBattDiaglospd_kph_f32	118.72374
_LOIDetect_ms_u16p0	40397
_LOINotDetect_ms_u16p0	19815
_LVCDetect_Volts_u10p6	1408
_LVCDetect_ms_u16p0	23503
_LVCNotDetect_Volts_u10p6	1152
_LVCNotDetect_ms_u16p0	1866
_LVHSCDetect_Volts_u10p6	832
_LVHSCDetect_ms_u16p0	58189
_LVHSCNotDetect_Volts_u10p6	1152
_LVHSCNotDetect_ms_u16p0	9353
_LVHSDetect_Volts_u10p6	1408
_LVHSDetect_ms_u16p0	1844
_LVHSNotDetect_Volts_u10p6	1152
_LVHSNotDetect_ms_u16p0	42003
_LVLSCDetect_Volts_u10p6	1408
_LVLSCDetect_ms_u16p0	11428
_LVLSCNotDetect_Volts_u10p6	1152
_LVLSCNotDetect_ms_u16p0	14267
_LVLSDetect_Volts_u10p6	1408
_LVLSDetect_ms_u16p0	4268
_LVLSNotDetect_Volts_u10p6	1152
_LVLSNotDetect_ms_u16p0	394
_LVSMDetect_Volts_u10p6	1408
_LVSMDetect_ms_u16p0	33433
_LVSMNotDetect_Volts_u10p6	1152
_LVSMNotDetect_ms_u16p0	43191
arget_CustBattDiag_Per2_Batt_Volt_f32.value	27.0739288
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.5783176
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	20216
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1587790848
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08

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Name	Input Value
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target Pte Inct An CuetRattDiag 2 CuetRattDiag Per2 VehicleSpeed Knh f32	target CustPattDiag Per? VehicleSpeed Kph f32

CustBattDiag_Per2

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Input Value k LVHSCDetect Volts u10p6 0 6349 k_LVHSCDetect_ms_u16p0 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 60844 $k_LVLSCNotDetect_ms_u16p0$ k_LVLSDetect_Volts_u10p6 384 k_LVLSDetect_ms_u16p0 19329 k_LVLSNotDetect_Volts_u10p6 960 28638 k LVLSNotDetect ms u16p0 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 $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ 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 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 34174$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc$ 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 Ic target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** CustBattDiag_LOICIr_ms_M_u32p0 3687020288 3687020288 CustBattDiag_LOISet_ms_M_u32p0 3687020288 3687020288 359223040 $CustBattDiag_LVCCIr_ms_M_u32p0$ 359223040 CustBattDiag_LVCSet_ms_M_u32p0 4255156480 4255156480 CustBattDiag_LVHSCCIr_ms_M_u32p0 2760131328 2760131328 CustBattDiag_LVHSCSet_ms_M_u32p0 811179264 811179264 CustBattDiag LVHSCIr ms M u32p0 639745792 639745792 CustBattDiag_LVHSSet_ms_M_u32p0 1309309184 1309309184 CustBattDiag_LVLSCCIr_ms_M_u32p0 1291388672 1291388672 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 2887057664 2887057664 CustBattDiag_LVLSClr_ms_M_u32p0 1800239872 1800239872

Τ				J
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	•

302224640

3628337920

1621140736

302224640

3628337920

1621140736

Test Step 2.60 (Repeat Count = 1)		<u> </u>
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	183862784	
CustBattDiag_LOISet_ms_M_u32p0	916674560	
CustBattDiag_LVCCIr_ms_M_u32p0	2405357056	
CustBattDiag_LVCSet_ms_M_u32p0	3558942720	
CustBattDiag_LVHSCCIr_ms_M_u32p0	786299392	
CustBattDiag_LVHSCSet_ms_M_u32p0	692448256	
CustBattDiag_LVHSClr_ms_M_u32p0	183862784	
CustBattDiag_LVHSSet_ms_M_u32p0	916674560	
CustBattDiag_LVLSCClr_ms_M_u32p0	3985616384	
CustBattDiag_LVLSCSet_ms_M_u32p0	1352908800	
CustBattDiag_LVLSClr_ms_M_u32p0	2774684160	

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime$ Rte_Inst_Ap_CustBattDiag target_Rte_Inst_Ap_CustBattDiag_2 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOlspd_kph_f32 442.799744 k_CustBattDiaghispd_kph_f32 22 068531 277.334503 k_CustBattDiaglospd_kph_f32 18107 k LOIDetect ms u16p0 k_LOINotDetect_ms_u16p0 49748 k LVCDetect Volts u10p6 320 k_LVCDetect_ms_u16p0 33735 1856 k LVCNotDetect Volts u10p6 k_LVCNotDetect_ms_u16p0 16970 1984 k LVHSCDetect Volts u10p6 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 30492 k_LVHSNotDetect_ms_u16p0 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 13869 k LVLSDetect ms u16p0 k_LVLSNotDetect_Volts_u10p6 1856 k LVLSNotDetect ms u16p0 50222 k_LVSMDetect_Volts_u10p6 320 23487 k_LVSMDetect_ms_u16p0 k LVSMNotDetect Volts u10p6 1856 44798 k_LVSMNotDetect_ms_u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 31 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 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 62.3108559 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 10647 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current | 3069206016 target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ $target_CustBattDiag_Per2_EtatMT_Cnt_u08$ 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_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOICIr_ms_M_u32p0	3069206016	3069206016	~	
CustBattDiag_LOISet_ms_M_u32p0	3069206016	3069206016	•	
CustBattDiag_LVCCIr_ms_M_u32p0	2405357056	2405357056	~	
CustBattDiag_LVCSet_ms_M_u32p0	3558942720	3558942720	•	
CustBattDiag_LVHSCCIr_ms_M_u32p0	786299392	786299392	~	
CustBattDiag_LVHSCSet_ms_M_u32p0	692448256	692448256	•	
CustBattDiag_LVHSClr_ms_M_u32p0	183862784	183862784	~	
CustBattDiag_LVHSSet_ms_M_u32p0	916674560	916674560	•	
CustBattDiag_LVLSCCIr_ms_M_u32p0	3985616384	3985616384	~	
CustBattDiag_LVLSCSet_ms_M_u32p0	1352908800	1352908800	~	
CustBattDiag_LVLSClr_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	~	

 $target \ Rte \ Inst \ Ap \ CustBattDiag \ 2.CustBattDiag \ Per2 \ VehicleSpeedValid \ Cnt \ Is \ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc$



Т				V
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	~

est Step 2.61 (Repeat Count = 1)	
lame	Input Value
custBattDiag_LOIClr_ms_M_u32p0	1213608192
custBattDiag_LOISet_ms_M_u32p0	2064956160
custBattDiag_LVCCIr_ms_M_u32p0	3294249216
CustBattDiag_LVCSet_ms_M_u32p0	2648394496
custBattDiag_LVHSCClr_ms_M_u32p0	1064097024
CustBattDiag_LVHSCSet_ms_M_u32p0	377290496
CustBattDiag_LVHSClr_ms_M_u32p0	1213608192
CustBattDiag LVHSSet ms M u32p0	2064956160
CustBattDiag_LVLSCCIr_ms_M_u32p0	455588096
CustBattDiag LVLSCSet ms M u32p0	280199936
CustBattDiag LVLSCIr ms M u32p0	4215262464
CustBattDiag LVLSSet ms M u32p0	305575680
CustBattDiag LVSMClr ms M u32p0	4201307392
CustBattDiag_LVSMSet_ms_M_u32p0	2755413760
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) tte_Inst_Ap_CustBattDiag	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Inst_Ap_CustBattDiag_2
,	189.863174
_CustBattDiagLOlspd_kph_f32	
_CustBattDiaghispd_kph_f32	361.994415
_CustBattDiaglospd_kph_f32	145.078979
_LOIDetect_ms_u16p0	39789
_LOINotDetect_ms_u16p0	16855
_LVCDetect_Volts_u10p6	192
_LVCDetect_ms_u16p0	3528
_LVCNotDetect_Volts_u10p6	1920
_LVCNotDetect_ms_u16p0	53111
_LVHSCDetect_Volts_u10p6	256
_LVHSCDetect_ms_u16p0	43436
_LVHSCNotDetect_Volts_u10p6	1920
_LVHSCNotDetect_ms_u16p0	46605
_LVHSDetect_Volts_u10p6	192
_LVHSDetect_ms_u16p0	24389
_LVHSNotDetect_Volts_u10p6	1920
_LVHSNotDetect_ms_u16p0	26210
_LVLSCDetect_Volts_u10p6	192
_LVLSCDetect_ms_u16p0	8340
_LVLSCNotDetect_Volts_u10p6	1920
_LVLSCNotDetect_ms_u16p0	19545
LVLSDetect_Volts_u10p6	192
_LVLSDetect_ms_u16p0	21669
_LVLSNotDetect_Volts_u10p6	1920
LVLSNotDetect_ms_u16p0	6489
LVSMDetect_Volts_u10p6	192
LVSMDetect ms u16p0	60816
LVSMNotDetect Volts u10p6	1920
LVSMNotDetect ms u16p0	35210
arget_CustBattDiag_Per2_Batt_Volt_f32.value	20.9217949
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget CustBattDiag Per2 EtatMT Cnt u08.value	12
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	57.722168
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
pract Bto Inst An CustPattDiag 2 CustPattDiag Par2 VahialoSpeedValid Cat Is	target CustBattDiag Per2 VehicleSpeedValid Cnt Igc

CustBattDiag_Per2

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Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1573234944	1573234944	~
CustBattDiag_LOISet_ms_M_u32p0	1573234944	1573234944	~
CustBattDiag_LVCCIr_ms_M_u32p0	3294249216	3294249216	~
CustBattDiag_LVCSet_ms_M_u32p0	2648394496	2648394496	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	1064097024	1064097024	~
CustBattDiag_LVHSCSet_ms_M_u32p0	377290496	377290496	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1213608192	1213608192	~
CustBattDiag_LVHSSet_ms_M_u32p0	2064956160	2064956160	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	455588096	455588096	~
CustBattDiag_LVLSCSet_ms_M_u32p0	280199936	280199936	~
CustBattDiag_LVLSCIr_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			V	
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_LOICIr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVCCIr_ms_M_u32p0	3576629504
CustBattDiag_LVCSet_ms_M_u32p0	3229569792
CustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448
CustBattDiag_LVHSSet_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(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	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

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

NTC_Cnt_T_enum

Param_Cnt_T_u08

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum

Status_Cnt_T_enum

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	47293		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and target_Results and target_Results are also also also also also also also also$	target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSSet_ms_M_u32p0	582402816	582402816	•
CustBattDiag_LVLSCCIr_ms_M_u32p0	2228453632	2228453632	-
CustBattDiag_LVLSCSet_ms_M_u32p0	444559616	444559616	•
CustBattDiag_LVLSCIr_ms_M_u32p0	3712619776	3712619776	~
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	•
0 10 10 10 10 10 10 10	00740040		

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 An CustBattDiag SystemTime DtrmnFlansedTime mS u16	1	Rte Call An CustBattDiag SystemTime DtrmnFlansedTime mS u16	1	V

92742912

2069090048

0xE0

0x00

0x00

0xE3

0x00

0x00

92742912

0xE0

0x00

0x00

0xE3

0x00

0x00

2069090048

Test Step 2.63 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_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_LVLSCCIr_ms_M_u32p0	4294967295	
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	
CustBattDiag_LVLSCIr_ms_M_u32p0	4294967295	

CustBattDiag Per2

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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(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 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOlspd_kph_f32 512 k CustBattDiaghispd kph f32 512 k_CustBattDiaglospd_kph_f32 512 k LOIDetect ms u16p0 65535 65535 k_LOINotDetect_ms_u16p0 k LVCDetect Volts u10p6 1984 65535 k_LVCDetect_ms_u16p0 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 65535 k_LVHSNotDetect_ms_u16p0 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 65535 k LVLSDetect ms u16p0 k_LVLSNotDetect_Volts_u10p6 1984 k LVLSNotDetect ms u16p0 65535 k_LVSMDetect_Volts_u10p6 1984 65535 k_LVSMDetect_ms_u16p0 k LVSMNotDetect Volts u10p6 1984 65535 k_LVSMNotDetect_ms_u16p0 $target_CustBattDiag_Per2_Batt_Volt_f32.value$ 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 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 512 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ 65535$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current | 4294967295 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Is 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_LOICIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LOISet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVCCIr_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_LVLSCCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag LVLSCSet ms M u32p0 4294967295 4294967295 CustBattDiag_LVLSCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVLSSet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVSMCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag LVSMSet ms M u32p0 4294967295 4294967295



Τ			✓	
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)	
lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2427464192
CustBattDiag_LOISet_ms_M_u32p0	1917819904
CustBattDiag_LVCCIr_ms_M_u32p0	2399304192
CustBattDiag_LVCSet_ms_M_u32p0	1209953280
CustBattDiag_LVHSCCIr_ms_M_u32p0	3179077120
CustBattDiag_LVHSCSet_ms_M_u32p0	302018560
CustBattDiag_LVHSClr_ms_M_u32p0	2427464192
CustBattDiag_LVHSSet_ms_M_u32p0	1917819904
CustBattDiag_LVLSCCIr_ms_M_u32p0	2281099776
CustBattDiag_LVLSCSet_ms_M_u32p0	2767225856
CustBattDiag_LVLSCIr_ms_M_u32p0	14464512
CustBattDiag_LVLSSet_ms_M_u32p0	3238660096
CustBattDiag_LVSMCIr_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
$tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
_CustBattDiagLOIspd_kph_f32	136.635666
_CustBattDiaghispd_kph_f32	36.8944283
_CustBattDiaglospd_kph_f32	293.883484
_LOIDetect_ms_u16p0	34379
_LOINotDetect_ms_u16p0	15968
_LVCDetect_Volts_u10p6	832
LVCDetect_ms_u16p0	21814
LVCNotDetect_Volts_u10p6	1024
LVCNotDetect ms u16p0	2307
	512
:	39801
_LVHSCNotDetect_Volts_u10p6	1024
LVHSCNotDetect ms u16p0	7283
_LVHSDetect_Volts_u10p6	832
LVHSDetect ms u16p0	37537
LVHSNotDetect_Volts_u10p6	1024
_LVHSNotDetect_ms_u16p0	15080
_LVLSCDetect_Volts_u10p6	832
LVLSCDetect ms u16p0	28228
_LVLSCNotDetect_Volts_u10p6	1024
	32572
_LVLSDetect_Volts_u10p6	832
	39121
_LVLSDetect_ms_u16p0	1024
_LVLSNotDetect_Volts_u10p6	
_LVLSNotDetect_ms_u16p0	4507
_LVSMDetect_Volts_u10p6	832
_LVSMDetect_ms_u16p0	27772
_LVSMNotDetect_Volts_u10p6	1024
_LVSMNotDetect_ms_u16p0	55759
arget_CustBattDiag_Per2_Batt_Volt_f32.value	27.7435856
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
0 _ 0	5
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	419.163818
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	55984
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1183744512
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
	target CustBattDiag Per2 VehicleSpeedValid Cnt Igc

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Input Value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ Name Actual Value **Expected Value** Result $CustBattDiag_LOICIr_ms_M_u32p0$ 1183744512 1183744512 1183744512 1183744512 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0 2399304192 2399304192 CustBattDiag_LVCSet_ms_M_u32p0 1183744512 1183744512 CustBattDiag_LVHSCCIr_ms_M_u32p0 3179077120 3179077120 CustBattDiag_LVHSCSet_ms_M_u32p0 1183744512 1183744512 $CustBattDiag_LVHSClr_ms_M_u32p0$ 2427464192 2427464192 CustBattDiag_LVHSSet_ms_M_u32p0 1917819904 1917819904 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 2281099776 2281099776 CustBattDiag_LVLSCSet_ms_M_u32p0 1183744512 1183744512 $CustBattDiag_LVLSCIr_ms_M_u32p0$ 14464512 14464512 CustBattDiag_LVLSSet_ms_M_u32p0 3238660096 3238660096 3725723136 $CustBattDiag_LVSMClr_ms_M_u32p0$ 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 0x00 $Status_Cnt_T_enum$ 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 LOICIr ms M u32p0	3239069440
	2320384256
CustBattDiag_LOISet_ms_M_u32p0	3866744576
CustBattDiag_LVCCIr_ms_M_u32p0	
CustBattDiag_LVCSet_ms_M_u32p0	3914748160
CustBattDiag_LVHSCCIr_ms_M_u32p0	3119467264
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040
CustBattDiag_LVHSClr_ms_M_u32p0	3239069440
CustBattDiag_LVHSSet_ms_M_u32p0	2320384256
CustBattDiag_LVLSCCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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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Input Value k_LVCDetect_Volts_u10p6 0 65241 k_LVCDetect_ms_u16p0 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 28514 k LVHSDetect ms u16p0 k_LVHSNotDetect_Volts_u10p6 1280 17223 k_LVHSNotDetect_ms_u16p0 k_LVLSCDetect_Volts_u10p6 k_LVLSCDetect_ms_u16p0 48574 k_LVLSCNotDetect_Volts_u10p6 1280 49241 k_LVLSCNotDetect_ms_u16p0 k_LVLSDetect_Volts_u10p6 64448 k LVLSDetect ms u16p0 k_LVLSNotDetect_Volts_u10p6 1280 k_LVLSNotDetect_ms_u16p0 35164 k_LVSMDetect_Volts_u10p6 Λ 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 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 8 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$ 0 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 21.4979305 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ custBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ custBattDiag_Per2_VehicleSpeed$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0 3119467264 3119467264 $CustBattDiag_LVHSCSet_ms_M_u32p0$ 1938679040 1938679040 CustBattDiag_LVHSClr_ms_M_u32p0 3239069440 3239069440 CustBattDiag_LVHSSet_ms_M_u32p0 2320384256 2320384256 CustBattDiag_LVLSCCIr_ms_M_u32p0 1340641024 1340641024 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 1921108224 1921108224 CustBattDiag_LVLSCIr_ms_M_u32p0 38241024 38241024 CustBattDiag_LVLSSet_ms_M_u32p0 1394531584 1394531584

T				V
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	~

1077940992

3742231808

1077940992

3742231808

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

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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Input Value CustBattDiag_LVHSSet_ms_M_u32p0 4294967295 CustBattDiag_LVLSCCIr_ms_M_u32p0 4294967295 CustBattDiag LVLSCSet ms M u32p0 4294967295 CustBattDiag_LVLSCIr_ms_M_u32p0 4294967295 CustBattDiag_LVLSSet_ms_M_u32p0 4294967295 CustBattDiag_LVSMClr_ms_M_u32p0 4294967295 CustBattDiag_LVSMSet_ms_M_u32p0 4294967295 $Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)$ $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ 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 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOIspd_kph_f32 512 512 k CustBattDiaghispd kph f32 k_CustBattDiaglospd_kph_f32 512 k LOIDetect ms u16p0 65535 k_LOINotDetect_ms_u16p0 65535 1984 k LVCDetect Volts u10p6 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 65535 k_LVHSCNotDetect_ms_u16p0 k_LVHSDetect_Volts_u10p6 1984 65535 k LVHSDetect ms u16p0 k_LVHSNotDetect_Volts_u10p6 1984 k LVHSNotDetect ms u16p0 65535 k_LVLSCDetect_Volts_u10p6 1984 65535 k LVLSCDetect ms u16p0 k_LVLSCNotDetect_Volts_u10p6 1984 k LVLSCNotDetect ms u16p0 65535 k_LVLSDetect_Volts_u10p6 1984 65535 k_LVLSDetect_ms_u16p0 k LVLSNotDetect Volts u10p6 1984 65535 k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6 1984 k_LVSMDetect_ms_u16p0 65535 k LVSMNotDetect Volts u10p6 1984 65535 k_LVSMNotDetect_ms_u16p0 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 target CustBattDiag Per2 VehicleSpeed Kph f32.value 512 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ 65535$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current | 4294967295 target_CustBattDiag_Per2_Batt_Volt_f32 target Rte Inst Ap CustBattDiag 2.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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg 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_LOICIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LOISet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVCCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVCSet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVHSCCIr_ms_M_u32p0 4294967295 4294967295 4294967295 4294967295 CustBattDiag LVHSCSet ms M u32p0 CustBattDiag_LVHSClr_ms_M_u32p0 4294967295 4294967295 4294967295 CustBattDiag_LVHSSet_ms_M_u32p0 4294967295 CustBattDiag_LVLSCCIr_ms_M_u32p0 4294967295 4294967295 4294967295 4294967295 CustBattDiag LVLSCSet ms M u32p0 CustBattDiag_LVLSClr_ms_M_u32p0 4294967295 4294967295 CustBattDiag LVLSSet ms M u32p0 4294967295 4294967295 CustBattDiag LVSMCIr ms M u32p0 4294967295 4294967295 CustBattDiag_LVSMSet_ms_M_u32p0 4294967295 4294967295

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Τ					
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)		V
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1543431936	
CustBattDiag_LOISet_ms_M_u32p0	3821396224	
CustPattDiag LVCCIr ma M u22n0		

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Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1957404416	1957404416	~
CustBattDiag_LOISet_ms_M_u32p0	1957404416	1957404416	~
CustBattDiag_LVCCIr_ms_M_u32p0	2400220928	2400220928	~
CustBattDiag_LVCSet_ms_M_u32p0	3266703616	3266703616	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	2304240384	2304240384	~
CustBattDiag_LVHSCSet_ms_M_u32p0	3901719808	3901719808	~
CustBattDiag_LVHSClr_ms_M_u32p0	1543431936	1543431936	~
CustBattDiag_LVHSSet_ms_M_u32p0	3821396224	3821396224	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	1550528256	1550528256	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2762828032	2762828032	~
CustBattDiag_LVLSClr_ms_M_u32p0	4150010624	4150010624	~
CustBattDiag_LVLSSet_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_LOICIr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
CustBattDiag_LVCCIr_ms_M_u32p0	3576629504
CustBattDiag LVCSet ms M u32p0	3229569792
CustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024
CustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
CustBattDiag_LVHSClr_ms_M_u32p0	2717448448
CustBattDiag_LVHSSet_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_LVSMCIr_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(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	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

Param_Cnt_T_u08

Status_Cnt_T_enum

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the property of the property of$	ap 47293		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	nt 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_u0	В	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_C	nt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Results (Supplied For Supplied Fo$	lg target_CustBattDiag_Per2_VehicleSpeedVa	alid_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$	target_CustBattDiag_Per2_VehicleSpeed_h	(ph_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_LVHSSet_ms_M_u32p0	582402816	582402816	✓
CustBattDiag_LVLSCCIr_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	✓

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	✓

0x00

0x00

0xE3

0x00

0x00

0x00

0x00

0xE3

0x00

0x00

Test Step 2.69 (Repeat Count = 1)		<u>✓</u>
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_LVLSCIr_ms_M_u32p0	4294967295	

CustBattDiag Per2

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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(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 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOlspd_kph_f32 512 k CustBattDiaghispd kph f32 512 k_CustBattDiaglospd_kph_f32 512 65535 k LOIDetect ms u16p0 65535 k_LOINotDetect_ms_u16p0 k LVCDetect Volts u10p6 1984 65535 k_LVCDetect_ms_u16p0 1984 k LVCNotDetect Volts u10p6 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 65535 k_LVHSNotDetect_ms_u16p0 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 65535 k LVLSDetect ms u16p0 k_LVLSNotDetect_Volts_u10p6 1984 k LVLSNotDetect ms u16p0 65535 k_LVSMDetect_Volts_u10p6 1984 65535 k_LVSMDetect_ms_u16p0 k LVSMNotDetect Volts u10p6 1984 65535 k_LVSMNotDetect_ms_u16p0 $target_CustBattDiag_Per2_Batt_Volt_f32.value$ 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 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 512 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ 65535$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current | 4294967295 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Is 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_LOICIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LOISet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVCCIr_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_LVLSCCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag LVLSCSet ms M u32p0 4294967295 4294967295 CustBattDiag_LVLSCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVLSSet_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVSMCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag LVSMSet ms M u32p0 4294967295 4294967295



Т					
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	~	

est Step 2.70 (Repeat Count = 1)	
lame	Input Value
ustBattDiag_LOICIr_ms_M_u32p0	2167207936
rustBattDiag_LOISet_ms_M_u32p0	2116590080
sustBattDiag_LVCCIr_ms_M_u32p0	2199046144
ustBattDiag_LVCSet_ms_M_u32p0	2643913216
sustBattDiag_LVHSCClr_ms_M_u32p0	2641988608
sustBattDiag_LVHSCSet_ms_M_u32p0	4245966336
sustBattDiag_LVHSClr_ms_M_u32p0	2167207936
sustBattDiag LVHSSet ms M u32p0	2116590080
sustBattDiag_LVLSCCIr_ms_M_u32p0	3256967168
sustBattDiag_LVLSCSet_ms_M_u32p0	555565568
sustBattDiag LVLSCIr ms M u32p0	212313088
sustBattDiag LVLSSet ms M u32p0	2225481216
sustBattDiag_LVSMCIr ms M u32p0	3942151168
sustBattDiag_LVSMSet_ms_M_u32p0	1731687936
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
_CustBattDiagLOlspd_kph_f32	116.756523
_CustBattDiaghispd_kph_f32	101.975334
_CustBattDiaglospd_kph_f32	129.227005
_LOIDetect_ms_u16p0	62454
_LOINotDetect_ms_u16p0	23000
_LVCDetect_Volts_u10p6	896
_LVCDetect_ms_u16p0	25185
_LVCNotDetect_Volts_u10p6	1728
_LVCNotDetect_ms_u16p0	37397
_LVHSCDetect_Volts_u10p6	128
_LVHSCDetect_ms_u16p0	8757
_LVHSCNotDetect_Volts_u10p6	1728
_LVHSCNotDetect_ms_u16p0	37281
_LVHSDetect_Volts_u10p6	896
_LVHSDetect_ms_u16p0	29081
_LVHSNotDetect_Volts_u10p6	1728
_LVHSNotDetect_ms_u16p0	12140
_LVLSCDetect_Volts_u10p6	896
LVLSCDetect ms u16p0	6063
LVLSCNotDetect_Volts_u10p6	1728
LVLSCNotDetect_ms_u16p0	30916
LVLSDetect_Volts_u10p6	896
LVLSDetect ms u16p0	46876
_LVLSNotDetect_Volts_u10p6	1728
LVLSNotDetect_ms_u16p0	65149
_LVSMDetect_Volts_u10p6	896
LVSMDetect ms u16p0	49694
LVSMNotDetect Volts u10p6	1728
_LVSMNotDetect_voils_u10p0 _LVSMNotDetect_ms_u16p0	59331
rget_CustBattDiag_Per2_Batt_Volt_f32.value	6.62109613
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0.02109013
rget_CustBattDiag_Per2_EngOn_Cnt_igc.value rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
·	
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
rget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
rget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	439.171997
rget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
1 D1 1 1 1 A 0 1D 11D; 000 1D 11D; D 0 1/1/1 0 1 1/1/1 0 1 1	target CustBattDiag Per2 VehicleSpeedValid Cnt Igc



Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	arget_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_LVCCIr_ms_M_u32p0	2199046144	2199046144	~
CustBattDiag_LVCSet_ms_M_u32p0	2643913216	2643913216	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	2641988608	2641988608	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4245966336	4245966336	•
CustBattDiag_LVHSCIr_ms_M_u32p0	2167207936	2167207936	~
CustBattDiag_LVHSSet_ms_M_u32p0	2116590080	2116590080	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	3256967168	3256967168	~
CustBattDiag_LVLSCSet_ms_M_u32p0	555565568	555565568	~
CustBattDiag_LVLSCIr_ms_M_u32p0	212313088	212313088	~
CustBattDiag_LVLSSet_ms_M_u32p0	2225481216	2225481216	•
CustBattDiag_LVSMClr_ms_M_u32p0	3942151168	3942151168	~
CustBattDiag_LVSMSet_ms_M_u32p0	1731687936	1731687936	•

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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 Sten 2.71 (Beneat Count = 1)	
Test Step 2.71 (Repeat Count = 1)	·
Name	Input Value
CustBattDiag_LOICIr_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_LVHSClr_ms_M_u32p0	104672512
CustBattDiag_LVHSSet_ms_M_u32p0	2743801600
CustBattDiag_LVLSCClr_ms_M_u32p0	2656449792
CustBattDiag_LVLSCSet_ms_M_u32p0	1889361664
CustBattDiag_LVLSCIr_ms_M_u32p0	3990685952
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_CustBattDiagLOlspd_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_u10p0	58325
k LVSMDetect Volts u10p6	0
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CustBattDiag_Per2

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerset and the property of the p$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3730121984	3730121984	~
CustBattDiag_LOISet_ms_M_u32p0	3730121984	3730121984	~
CustBattDiag_LVCCIr_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_LVLSCCIr_ms_M_u32p0	2656449792	2656449792	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1889361664	1889361664	~
CustBattDiag_LVLSClr_ms_M_u32p0	3990685952	3990685952	~
	1	1	

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	~

1348293376

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1348293376

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Test Step 2.72 (Repeat Count = 1)	
Name	Input Value
CustBattDiag LOICIr ms M u32p0	4294967295
CustBattDiag LOISet ms M u32p0	4294967295
CustBattDiag_LVCCIr ms M u32p0	4294967295
CustBattDiag_LVCSet_ms_M_u32p0	4294967295
- ·	4294967295
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_Itis_M_us2p0 CustBattDiag_LVHSCIr_ms_M_us2p0	4294967295
<u> </u>	4294967295
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCCIr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	4294967295
9	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295
CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	4294967295
· · · · · · · · · · · · · · · · · · ·	120.000
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	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	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

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 Igc.value	1			
target CustBattDiag Per2 EtatMT Cnt u08.value	15			
target CustBattDiag Per2 SttdSelected Cnt Igc.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				
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 Cn			
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ig				
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target CustBattDiag Per2 VehicleSpeed K			
Name	Actual Value	Expected Value	Result	
CustBattDiag LOICIr ms M u32p0	4294967295	4294967295	- Toodit	
CustBattDiag LOISet ms M u32p0	4294967295	4294967295	•	
CustBattDiag LVCCIr ms M u32p0	4294967295	4294967295		
CustBattDiag LVCSet ms M u32p0	4294967295	4294967295	·	
CustBattDiag LVHSCCIr ms M u32p0	4294967295	4294967295		
CustBattDiag LVHSCSet ms M u32p0	4294967295	4294967295	✓	
CustBattDiag LVHSCIr ms M u32p0	4294967295	4294967295		
CustBattDiag LVHSSet ms M u32p0	4294967295	4294967295		
CustBattDiag_LVLSCCIr_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVLSCIr_ms_M_u32p0	4294967295	4294967295		
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295		
CustBattDiag LVSMCIr ms M u32p0	4294967295	4294967295		
CustBattDiag LVSMSet ms M u32p0	4294967295	4294967295	-	
Odotbattblag_E v Onloct_IIIo_IVI_dozpo	1201001200	1201001200		

T				V
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_LOICIr_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_LVHSClr_ms_M_u32p0	104672512	
CustBattDiag_LVHSSet_ms_M_u32p0	2743801600	
CustBattDiag_LVLSCCIr_ms_M_u32p0	2656449792	
CustBattDiag_LVLSCSet_ms_M_u32p0	1889361664	
CustBattDiag_LVLSClr_ms_M_u32p0	3990685952	

CustBattDiag Per2

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Input Value $CustBattDiag_LVLSSet_ms_M_u32p0$ 1348293376 1058478336 CustBattDiag_LVSMClr_ms_M_u32p0 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 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOlspd_kph_f32 162.624405 k CustBattDiaghispd kph f32 494 773651 324.518494 k_CustBattDiaglospd_kph_f32 2739 k LOIDetect ms u16p0 40194 k_LOINotDetect_ms_u16p0 k LVCDetect Volts u10p6 0 6624 k_LVCDetect_ms_u16p0 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 21767 k_LVHSNotDetect_ms_u16p0 k_LVLSCDetect_Volts_u10p6 k_LVLSCDetect_ms_u16p0 16125 k_LVLSCNotDetect_Volts_u10p6 64 k LVLSCNotDetect ms u16p0 50805 k_LVLSDetect_Volts_u10p6 0 8538 k LVLSDetect ms u16p0 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 48469 k_LVSMNotDetect_ms_u16p0 $target_CustBattDiag_Per2_Batt_Volt_f32.value$ 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 target CustBattDiag Per2 VehicleSpeedValid Cnt lgc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 291.251495 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap_54244$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 3730121984 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Is 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_LOICIr_ms_M_u32p0 3730121984 3730121984 CustBattDiag_LOISet_ms_M_u32p0 3730121984 3730121984 CustBattDiag_LVCCIr_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_LVLSCCIr_ms_M_u32p0 2656449792 2656449792 1889361664 1889361664 CustBattDiag LVLSCSet ms M u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 3990685952 3990685952 CustBattDiag_LVLSSet_ms_M_u32p0 1348293376 1348293376 CustBattDiag_LVSMCIr_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	~

est Step 2.74 (Repeat Count = 1)	
lame	Input Value
custBattDiag_LOICIr_ms_M_u32p0	1775975424
CustBattDiag_LOISet_ms_M_u32p0	2249817600
custBattDiag_LVCClr_ms_M_u32p0	2224163840
custBattDiag_LVCSet_ms_M_u32p0	553700864
custBattDiag_LVHSCCIr_ms_M_u32p0	1482035200
custBattDiag_LVHSCSet_ms_M_u32p0	1122857472
custBattDiag_LVHSClr_ms_M_u32p0	1775975424
custBattDiag_LVHSSet_ms_M_u32p0	2249817600
custBattDiag_LVLSCCIr_ms_M_u32p0	800072704
CustBattDiag_LVLSCSet_ms_M_u32p0	570598912
CustBattDiag LVLSCIr ms M u32p0	2506860544
CustBattDiag LVLSSet ms M u32p0	2744306176
CustBattDiag LVSMClr ms M u32p0	3724376064
CustBattDiag_LVSMSet_ms_M_u32p0	3968670208
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	0
	113.821236
_CustBattDiagLOlspd_kph_f32	
_CustBattDiaghispd_kph_f32	338.566528
_CustBattDiaglospd_kph_f32	412.042084
_LOIDetect_ms_u16p0	31935
_LOINotDetect_ms_u16p0	13483
_LVCDetect_Volts_u10p6	512
_LVCDetect_ms_u16p0	0
_LVCNotDetect_Volts_u10p6	1408
_LVCNotDetect_ms_u16p0	32197
_LVHSCDetect_Volts_u10p6	1792
_LVHSCDetect_ms_u16p0	17331
_LVHSCNotDetect_Volts_u10p6	1408
_LVHSCNotDetect_ms_u16p0	30752
_LVHSDetect_Volts_u10p6	512
_LVHSDetect_ms_u16p0	7868
_LVHSNotDetect_Volts_u10p6	1408
_LVHSNotDetect_ms_u16p0	52732
_LVLSCDetect_Volts_u10p6	512
_LVLSCDetect_ms_u16p0	26385
_LVLSCNotDetect_Volts_u10p6	1408
_LVLSCNotDetect_ms_u16p0	52225
LVLSDetect_Volts_u10p6	512
_LVLSDetect_ms_u16p0	3355
_LVLSNotDetect_Volts_u10p6	1408
LVLSNotDetect_ms_u16p0	15363
LVSMDetect_Volts_u10p6	512
LVSMDetect ms u16p0	19786
LVSMNotDetect Volts u10p6	1408
LVSMNotDetect ms u16p0	15265
arget_CustBattDiag_Per2_Batt_Volt_f32.value	30.49757
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
riget_CustBattDiag_Per2_ErigOn_Crit_igc.value	1
·	0
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value rget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
·	
rrget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	384.595032
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
	target CustBattDiag Per2 VehicleSpeedValid Cnt lgc



Name	Input Value		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1467175936	1467175936	~
CustBattDiag_LOISet_ms_M_u32p0	1467175936	1467175936	~
CustBattDiag_LVCCIr_ms_M_u32p0	2224163840	2224163840	•
CustBattDiag_LVCSet_ms_M_u32p0	553700864	553700864	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	1482035200	1482035200	~
CustBattDiag_LVHSCSet_ms_M_u32p0	1122857472	1122857472	~
CustBattDiag_LVHSCIr_ms_M_u32p0	1775975424	1775975424	~
CustBattDiag_LVHSSet_ms_M_u32p0	2249817600	2249817600	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	800072704	800072704	~
CustBattDiag_LVLSCSet_ms_M_u32p0	570598912	570598912	~
CustBattDiag_LVLSCIr_ms_M_u32p0	2506860544	2506860544	~
CustBattDiag_LVLSSet_ms_M_u32p0	2744306176	2744306176	~
CustBattDiag_LVSMClr_ms_M_u32p0	3724376064	3724376064	•
CustBattDiag_LVSMSet_ms_M_u32p0	3968670208	3968670208	~

Τ			✓	
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)	٠
	·
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_LVHSCCIr_ms_M_u32p0	1725731584
CustBattDiag_LVHSCSet_ms_M_u32p0	3072224512
CustBattDiag_LVHSClr_ms_M_u32p0	234688256
CustBattDiag_LVHSSet_ms_M_u32p0	2093631744
CustBattDiag_LVLSCCIr_ms_M_u32p0	2451461888
CustBattDiag_LVLSCSet_ms_M_u32p0	531550464
CustBattDiag_LVLSClr_ms_M_u32p0	2751187712
CustBattDiag_LVLSSet_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(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	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
	192
k_LVLSCNotDetect_Volts_u10p6	•
k_LVLSCNotDetect_ms_u16p0	16153 640
k_LVLSDetect_Volts_u10p6	
k_LVLSDetect_ms_u16p0	42612
k_LVLSNotDetect_Volts_u10p6	192
k_LVLSNotDetect_ms_u16p0	5812
k_LVSMDetect_Volts_u10p6	640

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CustBattDiag_Per2

CustBattDiag_LVLSClr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	1807		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_CustBattDiag_SystemTime_MS_u32_Cust	nt 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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cr	ıt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_In$	lc target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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_LVHSSet_ms_M_u32p0	2093631744	2093631744	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2451461888	2451461888	~
CustBattDiag LVLSCSet ms M u32p0	1670694656	1670694656	✓

T				V
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	✓

2751187712

2022597888

361126656

719287552

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Test Step 2.76 (Repeat Count = 1)	🗸
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2762184192
CustBattDiag_LOISet_ms_M_u32p0	765716480
CustBattDiag_LVCCIr_ms_M_u32p0	3650151936
CustBattDiag_LVCSet_ms_M_u32p0	2554705920
CustBattDiag_LVHSCCIr_ms_M_u32p0	1830095360
CustBattDiag_LVHSCSet_ms_M_u32p0	1815575552
CustBattDiag_LVHSClr_ms_M_u32p0	2762184192
CustBattDiag_LVHSSet_ms_M_u32p0	765716480
CustBattDiag_LVLSCCIr_ms_M_u32p0	392150528
CustBattDiag_LVLSCSet_ms_M_u32p0	1628852224
CustBattDiag_LVLSCIr_ms_M_u32p0	1486316032
CustBattDiag_LVLSSet_ms_M_u32p0	4257715200
CustBattDiag_LVSMCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

CustBattDiag Per2

2015-04-21, 11:43:03+0530



Input Value k_CustBattDiagLOIspd_kph_f32 267.52887 353.085358 k_CustBattDiaghispd_kph_f32 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 30679 k_LVHSCNotDetect_ms_u16p0 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_LVLSNotDetect_Volts_u10p6 256 52460 k_LVLSNotDetect_ms_u16p0 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 Igc.value 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value 288.533569 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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 CustBattDiag Per2 EngOn Cnt lgc target Rte Inst Ap CustBattDiag 2.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 lgc target CustBattDiag Per2 SttdSelected Cnt Igc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** Result $CustBattDiag_LOICIr_ms_M_u32p0$ 3367792128 3367792128 CustBattDiag_LOISet_ms_M_u32p0 3367792128 3367792128 CustBattDiag_LVCClr_ms_M_u32p0 3650151936 3650151936 CustBattDiag_LVCSet_ms_M_u32p0 2554705920 2554705920 CustBattDiag_LVHSCCIr_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_LVLSCCIr_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 0xE3 0xE3 NTC Cnt T enum Param_Cnt_T_u08 0x00 0x00 0x00 0x00 Status Cnt T enum NTC_Cnt_T_enum 0xE4 0xF4 0x00 0x00 Param Cnt T u08 Status_Cnt_T_enum 0x00 0x00



Т				V
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	~

lame	Input Value
CustBattDiag LOICIr ms M u32p0	2274099456
CustBattDiag LOISet ms M u32p0	206768896
CustBattDiag_LVCClr_ms_M_u32p0	33820928
CustBattDiag_LVCSet_ms_M_u32p0	1470995200
CustBattDiag_LVHSCCIr ms M u32p0	4110918912
CustBattDiag_LVHSCSet_ms_M_u32p0	3353890560
CustBattDiag_LVHSCIr_ms_M_u32p0	2274099456
CustBattDiag_LVHSCir_ms_M_u32p0	206768896
CustBattDiag_LVLSCCIr_ms_M_u32p0	2985789696
CustBattDiag_LVLSCSet_ms_M_u32p0	2644235008
CustBattDiag_LVLSCIr ms M u32p0	3386940672
custBattDiag_LVLSSet_ms_M_u32p0	295175936
	306162944
ustBattDiag_LVSMCIr_ms_M_u32p0	1156683520
ustBattDiag_LVSMSet_ms_M_u32p0	
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Ela	
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curre	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
_CustBattDiagLOIspd_kph_f32	315.395477
_CustBattDiaghispd_kph_f32	367.390198
_CustBattDiaglospd_kph_f32	330.783264
_LOIDetect_ms_u16p0	4774
_LOINotDetect_ms_u16p0	55927
_LVCDetect_Volts_u10p6	960
_LVCDetect_ms_u16p0	1496
_LVCNotDetect_Volts_u10p6	1920
_LVCNotDetect_ms_u16p0	0
_LVHSCDetect_Volts_u10p6	448
_LVHSCDetect_ms_u16p0	27048
_LVHSCNotDetect_Volts_u10p6	1920
_LVHSCNotDetect_ms_u16p0	20945
_LVHSDetect_Volts_u10p6	960
_LVHSDetect_ms_u16p0	42668
_LVHSNotDetect_Volts_u10p6	1920
_LVHSNotDetect_ms_u16p0	32640
_LVLSCDetect_Volts_u10p6	960
_LVLSCDetect_ms_u16p0	5587
_LVLSCNotDetect_Volts_u10p6	1920
_LVLSCNotDetect_ms_u16p0	10664
_LVLSDetect_Volts_u10p6	960
_LVLSDetect_ms_u16p0	11183
_LVLSNotDetect_Volts_u10p6	1920
_LVLSNotDetect_ms_u16p0	1890
_LVSMDetect_Volts_u10p6	960
_LVSMDetect_ms_u16p0	23459
_LVSMNotDetect_Volts_u10p6	1920
_LVSMNotDetect_ms_u16p0	48013
arget_CustBattDiag_Per2_Batt_Volt_f32.value	27.4922981
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1





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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	748779776	748779776	~
CustBattDiag_LOISet_ms_M_u32p0	748779776	748779776	~
CustBattDiag_LVCCIr_ms_M_u32p0	33820928	33820928	~
CustBattDiag_LVCSet_ms_M_u32p0	1470995200	1470995200	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	4110918912	4110918912	~
CustBattDiag_LVHSCSet_ms_M_u32p0	3353890560	3353890560	~
CustBattDiag_LVHSClr_ms_M_u32p0	2274099456	2274099456	~
CustBattDiag_LVHSSet_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_LVSMCIr_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_LVHSSet_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	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_LVCDetect_ms_u16p0	31135
k_LVCNotDetect_Volts_u10p6	1216
k_LVCNotDetect_ms_u16p0	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

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_u1	16_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_Eng	On_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_Etat	MT_Cnt_u08	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_	lgc target_CustBattDiag_Per2_Sttd	Selected_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid	d_Cnt_lc target_CustBattDiag_Per2_Vehi	icleSpeedValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph	h_f32 target_CustBattDiag_Per2_Vehi	icleSpeed_Kph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr 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 LVHSCCIr ms M u32p0	4250653696	4250653696	_
CustBattDiag LVHSCSet ms M u32p0	870438400	870438400	✓
CustBattDiag_LVHSCIr_ms_M_u32p0	1514061824	1514061824	
CustBattDiag_LVHSSet_ms_M_u32p0	2358354432	2358354432	-
CustBattDiag LVLSCCIr ms M u32p0	3541837824	3541837824	_
CustBattDiag LVLSCSet ms M u32p0	3587656192	3587656192	-
CustBattDiag LVLSCIr 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_LVHSCCIr_ms_M_u32p0	3017492224
CustBattDiag_LVHSCSet_ms_M_u32p0	2731622656
CustBattDiag_LVHSClr_ms_M_u32p0	534938368
CustBattDiag_LVHSSet_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(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

CustBattDiag_Per2

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Input Value Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 56.8123741 $k_CustBattDiagLOlspd_kph_f32$ 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 55985 $k_LVHSCDetect_ms_u16p0$ 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_LVLSCNotDetect_Volts_u10p6 1408 k_LVLSCNotDetect_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 target CustBattDiag Per2 EtatMT Cnt u08.value 6 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 443.169403 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ \ 51469$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\ \ \ 2791553792$ target_CustBattDiag_Per2_Batt Volt f32 target Rte Inst Ap CustBattDiag 2.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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Is_target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Is_ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32$ Name **Actual Value Expected Value** Result CustBattDiag_LOICIr_ms_M_u32p0 2791553792 2791553792 2791553792 2791553792 CustBattDiag LOISet ms M u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 882578176 882578176 $CustBattDiag_LVCSet_ms_M_u32p0$ 1470164224 1470164224 CustBattDiag_LVHSCCIr_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_LVLSCCIr_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 LVSMCIr ms M u32p0 2115211008 2115211008

Τ				✓
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	-

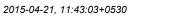
3445934336

3445934336

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

CustBattDiag_LVSMSet_ms_M_u32p0

CustBattDiag_Per2





CustbattDiag_Per2		(dec)	<i>J</i> 110
Name	Input Value		
CustBattDiag_LOISet_ms_M_u32p0	3061656576		
CustBattDiag_LVCCIr_ms_M_u32p0	500795904		
CustBattDiag_LVCSet_ms_M_u32p0	3031432192		
CustBattDiag_LVHSCCIr_ms_M_u32p0	300477952		
CustBattDiag_LVHSCSet_ms_M_u32p0	2909732864		
CustBattDiag_LVHSClr_ms_M_u32p0	96680448		
CustBattDiag_LVHSSet_ms_M_u32p0	3061656576		
CustBattDiag_LVLSCCIr_ms_M_u32p0	936108544		
CustBattDiag_LVLSCSet_ms_M_u32p0	2519733248		
CustBattDiag_LVLSCIr_ms_M_u32p0	3114714624		
CustBattDiag_LVLSSet_ms_M_u32p0	1803982848		
CustBattDiag_LVSMCIr_ms_M_u32p0	3462403584		
CustBattDiag_LVSMSet_ms_M_u32p0	3319031808	00.057	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_0		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTi		Fime_DtrmnElapsedTime_mS_u16_ElapsedTir	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		Fime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2 3		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiagLOIspd_kph_f32	441.965729		
	71.0591736		
k_CustBattDiaghispd_kph_f32 k_CustBattDiaglospd_kph_f32	104.773148		
k_Colliberations u16p0	33051		
k_LOINotDetect_ms_u16p0	32069		
k_LVCDetect_Volts_u10p6	512		
k_LVCDetect_woits_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 target CustBattDiag Per2 VehicleSpeedValid Cnt lgc.value	0		
· - · · · · · · · · · · · · · · · ·	124.911034		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_custbattblag_cpsch_OP_GeT_signal target_Rte_Call_Ap_CustBattDlag_SystemTime_DtrmnElapsedTime_mS_u16_Ela			
target_rte_call_Ap_custBattDiag_systemTime_bttml:lapseuTime_inis_uTo_lie target Rte Call Ap_custBattDiag_systemTime_GetSystemTime mS_u32_curre			
target_Rte_Call_Ap_CustBattDiag_system line_Getsystem line_Ins_usz_curre 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 Cr		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0	488608256	488608256	
CustBattDiag_LVHSCSet ms M u32p0	2909732864	2909732864	
CustBattDiag_LVHSCIr ms M_u32p0	96680448	96680448	
CustBattDiag LVHSSet ms M u32p0	3061656576	3061656576	
CustBattDiag_LVLSCCIr_ms_M_u32p0	488608256	488608256	,
CustBattDiag LVLSCSet ms M u32p0	488608256	488608256	

488608256

488608256

CustBattDiag_LVLSCSet_ms_M_u32p0

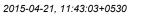
CustBattDiag_Per2



Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSCIr_ms_M_u32p0	3114714624	3114714624	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1803982848	1803982848	✓
CustBattDiag_LVSMCIr_ms_M_u32p0	3462403584	3462403584	✓
CustRattDiag LVSMSet ms M u32n0	3310031808	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	~

lame	Input Value
custBattDiag_LOICIr_ms_M_u32p0	3753710848
CustBattDiag_LOISet_ms_M_u32p0	1540833024
custBattDiag_LVCCIr_ms_M_u32p0	2495227136
sustBattDiag_LVCSet_ms_M_u32p0	1887358720
ustBattDiag_LVHSCCIr ms M u32p0	2736519424
ustBattDiag_LVHSCSet_ms_M_u32p0	928105216
ustBattDiag_LVHSCIr_ms_M_u32p0	3753710848
ustBattDiag_LVHSSet_ms_M_u32p0	1540833024
ustBattDiag_LVLSCCIr ms_M_u32p0	2655198464
ustBattDiag_LVLSCSet_ms_M_u32p0	2321450752
ustBattDiag_LVLSCIr ms M u32p0	2437050624
ustBattDiag_LVLSSet_ms_M_u32p0	2037054208
ustBattDiag_LVSMCIr_ms_M_u32p0	2622914816
	2780924672
ustBattDiag_LVSMSet_ms_M_u32p0 te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustbattDiag_EpsEn_OP_GE1(signal) te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elap	
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curren	
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	3
_CustBattDiagLOIspd_kph_f32	366.329346
_CustBattDiaghispd_kph_f32	61.34795
_CustBattDiaglospd_kph_f32	17.1294899
_LOIDetect_ms_u16p0	34460
_LOINotDetect_ms_u16p0	17111
_LVCDetect_Volts_u10p6	1280
_LVCDetect_ms_u16p0	32693
_LVCNotDetect_Volts_u10p6	1088
_LVCNotDetect_ms_u16p0	50437
_LVHSCDetect_Volts_u10p6	64
_LVHSCDetect_ms_u16p0	63320
_LVHSCNotDetect_Volts_u10p6	1088
_LVHSCNotDetect_ms_u16p0	51010
_LVHSDetect_Volts_u10p6	1280
_LVHSDetect_ms_u16p0	60426
_LVHSNotDetect_Volts_u10p6	1088
_LVHSNotDetect_ms_u16p0	32251
_LVLSCDetect_Volts_u10p6	1280
_LVLSCDetect_ms_u16p0	27610
_LVLSCNotDetect_Volts_u10p6	1088
_LVLSCNotDetect_ms_u16p0	3858
_LVLSDetect_Volts_u10p6	1280
_LVLSDetect_ms_u16p0	54460
_LVLSNotDetect_Volts_u10p6	1088
LVLSNotDetect_ms_u16p0	37230
_LVSMDetect_Volts_u10p6	1280
_LVSMDetect_ms_u16p0	65535
_LVSMNotDetect_Volts_u10p6	1088
_LVSMNotDetect_ms_u16p0	15756
arget_CustBattDiag_Per2_Batt_Volt_f32.value	31
irget CustBattDiag Per2 EngOn Cnt Igc.value	1





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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 \\$	6_Elap 59629		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 C	Current 419958016		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Bat	t_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_Eng	gOn_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_Eta	tMT_Cnt_u08	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_logerselected$	gc target_CustBattDiag_Per2_Sttd	dSelected_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Inst_Ap_CustBattDiag_Per2_VehicleSpeed$	Cnt_lc target_CustBattDiag_Per2_Veh	nicleSpeedValid_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_Results (Speed_Kph_Results (Speed_Kph$	_f32 target_CustBattDiag_Per2_Veh	nicleSpeed_Kph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LOISet_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LVCCIr_ms_M_u32p0	2495227136	2495227136	✓
CustBattDiag_LVCSet_ms_M_u32p0	419958016	419958016	✓
CustBattDiag_LVHSCCIr_ms_M_u32p0	2736519424	2736519424	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	419958016	419958016	~
CustBattDiag_LVHSClr_ms_M_u32p0	3753710848	3753710848	~
CustBattDiag_LVHSSet_ms_M_u32p0	1540833024	1540833024	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	2655198464	2655198464	~
CustBattDiag_LVLSCSet_ms_M_u32p0	419958016	419958016	~
CustBattDiag_LVLSCIr_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	✓

Τ				✓
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_LOICIr_ms_M_u32p0	519799808	
CustBattDiag_LOISet_ms_M_u32p0	534054400	
CustBattDiag_LVCClr_ms_M_u32p0	138695680	
CustBattDiag_LVCSet_ms_M_u32p0	3021886976	
CustBattDiag_LVHSCCIr_ms_M_u32p0	1567545344	
CustBattDiag_LVHSCSet_ms_M_u32p0	2356509184	
CustBattDiag_LVHSClr_ms_M_u32p0	519799808	
CustBattDiag_LVHSSet_ms_M_u32p0	534054400	
CustBattDiag_LVLSCClr_ms_M_u32p0	1703504896	
CustBattDiag_LVLSCSet_ms_M_u32p0	2875141632	
CustBattDiag_LVLSCIr_ms_M_u32p0	1658548224	
CustBattDiag_LVLSSet_ms_M_u32p0	3507081728	

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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_C		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	ime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		ime_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	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 36825		
k_LVCDetect_ms_u16p0 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_LVLSCNotDetect_Volts_u10p6	640		
k_LVLSCNotDetect_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_Elaptarget Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curren			
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 Batt Volt f32	t 1962580992 target CustBattDiag Per2 Batt Volt f32		
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 EngOn Cnt Iqc	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_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_I			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Resul
CustBattDiag LOICIr ms M u32p0	1962580992	1962580992	
CustBattDiag_LOISet_ms_M_u32p0	1962580992	1962580992	
CustBattDiag_LVCCIr_ms_M_u32p0	138695680	138695680	
CustBattDiag LVCSet ms M u32p0	3021886976	3021886976	
CustBattDiag LVHSCCIr ms M u32p0	1567545344	1567545344	,
CustBattDiag_LVHSCSet_ms_M_u32p0	2356509184	2356509184	
CustBattDiag_LVHSClr_ms_M_u32p0	519799808	519799808	
CustBattDiag_LVHSSet_ms_M_u32p0	534054400	534054400	
CustBattDiag_LVLSCCIr_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	•
		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	~



Test Step 2.83 (Repeat Count = 1)			√
Name	Input Value		Ť
CustBattDiag_LOICIr_ms_M_u32p0	2847684352		
CustBattDiag LOISet ms M u32p0	3887575296		
CustBattDiag_LVCCIr_ms_M_u32p0	3575760640		
CustBattDiag_LVCSet_ms_M_u32p0	3021717760		
CustBattDiag_LVHSCCIr_ms_M_u32p0	2494708480		
CustBattDiag_LVHSCSet_ms_M_u32p0	3836105984		
CustBattDiag_LVHSClr_ms_M_u32p0	2847684352		
CustBattDiag_LVHSSet_ms_M_u32p0	3887575296		
CustBattDiag_LVLSCCIr_ms_M_u32p0	3484581632		
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	2142845184 2496426752		
CustBattDiag_LVLSSet ms M u32p0	1984515328		
CustBattDiag_LVSMCIr_ms_M_u32p0	520160000		
CustBattDiag_LVSMSet_ms_M_u32p0	802446592		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_GET_signal	
		me_DtrmnElapsedTime_mS_u16_ElapsedTin	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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 576		
k_LVCDetect_Volts_u10p6 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 k_LVLSCNotDetect_Volts_u10p6	14323 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 0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target CustBattDiag Per2 VehicleSpeedValid Cnt_lgc.value	1		
target_CustBattDiag_Per2_venicleSpeed_valid_Cnt_gc.value 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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cni	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc$			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	572452608	572452608	•
CustBattDiag_LOISet_ms_M_u32p0	572452608	572452608	•
CustBattDiag_LVCCIr_ms_M_u32p0	3575760640	3575760640	•
CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0	572452608 2494708480	572452608 2494708480	~

CustBattDiag_Per2

Param_Cnt_T_u08

Status_Cnt_T_enum

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Actual Value **Expected Value** $CustBattDiag_LVHSCSet_ms_M_u32p0$ 572452608 572452608 $CustBattDiag_LVHSClr_ms_M_u32p0$ 2847684352 2847684352 CustBattDiag_LVHSSet_ms_M_u32p0 3887575296 3887575296 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 3484581632 3484581632 CustBattDiag_LVLSCSet_ms_M_u32p0 572452608 572452608 CustBattDiag_LVLSCIr_ms_M_u32p0 2496426752 2496426752 1984515328 CustBattDiag_LVLSSet_ms_M_u32p0 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

0x00

0x00

0x00

0x00

T				V
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_LOICIr_ms_M_u32p0	537271808
CustBattDiag_LOISet_ms_M_u32p0	3296440320
CustBattDiag_LVCClr_ms_M_u32p0	3893718528
CustBattDiag_LVCSet_ms_M_u32p0	3280961536
CustBattDiag_LVHSCCIr_ms_M_u32p0	2889093632
CustBattDiag_LVHSCSet_ms_M_u32p0	1161806848
CustBattDiag_LVHSClr_ms_M_u32p0	537271808
CustBattDiag_LVHSSet_ms_M_u32p0	3296440320
CustBattDiag_LVLSCCIr_ms_M_u32p0	1094927872
CustBattDiag_LVLSCSet_ms_M_u32p0	3432454144
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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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CustBattDiag Per2

CustBattDiag_Per2			razorat
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_LVLSNotDetect_Volts_u10p6	448		
k_LVLSNotDetect_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerset and the property of the p$	target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCIr_ms_M_u32p0	537271808	537271808	✓
CustBattDiag_LVHSSet_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	✓

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	~

0x00

0x00

0x00

0x00

Test Step 2.85 (Repeat Count = 1)	→
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2844027136
CustBattDiag_LOISet_ms_M_u32p0	1089188608
CustBattDiag_LVCCIr_ms_M_u32p0	1922464000

Param_Cnt_T_u08

Status_Cnt_T_enum

CustBattDiag_Per2



		(<i></i>
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_LVLSCCIr_ms_M_u32p0	208466176		
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	943291136 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_O	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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	480.654388 329.270233		
k_CustBattDiaghispd_kph_f32 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 k_LVHSCNotDetect_ms_u16p0	320 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 192		
k_LVLSDetect_Volts_u10p6 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 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target CustBattDiag Per2 SttdSelected Cnt Iqc.value	1		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	62.3187752		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	. Inc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_SttdSelected_Cnt		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_vehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp		
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	4290568448	4290568448	- Locuit
CustBattDiag_LOISet_ms_M_u32p0	4290568448	4290568448	~
CustBattDiag_LVCCIr_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	V
CustBattDiag_LVLSCCIr_ms_M_u32p0	208466176	208466176	✓
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	943291136 91653376	943291136 91653376	V
CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	3949604608	3949604608	· ·
	00.0001000	55.5551000	





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	~

est Step 2.86 (Repeat Count = 1)	Innut Value
	Input Value
	3086321664
<u> </u>	2204609024
<u> </u>	4177483776
	2275015168
<u> </u>	3501399040
	845962752
0= = = :	3086321664
	2204609024
ustBattDiag_LVLSCClr_ms_M_u32p0	3143364608
	4003353088
0= = = = !	2676962304
ustBattDiag_LVLSSet_ms_M_u32p0	2833004032
ustBattDiag_LVSMClr_ms_M_u32p0	1959003136
ustBattDiag_LVSMSet_ms_M_u32p0	1576109568
e_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$
	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	4
CustBattDiagLOIspd_kph_f32	436.09436
_CustBattDiaghispd_kph_f32	463.226898
_CustBattDiaglospd_kph_f32	207.681198
LOIDetect_ms_u16p0	31879
_LOINotDetect_ms_u16p0	14243
_LVCDetect_Volts_u10p6	1856
_LVCDetect_ms_u16p0	60266
_LVCNotDetect_Volts_u10p6	0
_LVCNotDetect_ms_u16p0	43927
LVHSCDetect_Volts_u10p6	1664
LVHSCDetect_ms_u16p0	34042
_LVHSCNotDetect_Volts_u10p6	0
LVHSCNotDetect_ms_u16p0	1663
LVHSDetect_Volts_u10p6	1856
LVHSDetect_ms_u16p0	0
LVHSNotDetect_Volts_u10p6	0
LVHSNotDetect_ms_u16p0	60797
LVLSCDetect Volts u10p6	1856
	2059
,	0
	22369
	1856
	24922
	0
	30764
	1856
:	28286
;	0
	35524
'	30.4393444
	1
0 = 0 = 0 = 0	11
	1
0 = 0= = = = 0	0
312111111111111111111111111111111111111	0 177.525742
312 H211 2 F2111 H	1
rget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	
rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current rget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	1294737408 target_CustBattDiag_Per2_Batt_Volt_f32





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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1294737408	1294737408	~
CustBattDiag_LOISet_ms_M_u32p0	1294737408	1294737408	~
CustBattDiag_LVCCIr_ms_M_u32p0	4177483776	4177483776	~
CustBattDiag_LVCSet_ms_M_u32p0	2275015168	2275015168	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	3501399040	3501399040	~
CustBattDiag_LVHSCSet_ms_M_u32p0	845962752	845962752	~
CustBattDiag_LVHSClr_ms_M_u32p0	3086321664	3086321664	~
CustBattDiag_LVHSSet_ms_M_u32p0	2204609024	2204609024	~
CustBattDiag_LVLSCCIr_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				V
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	~

lame	Input Value
ustBattDiag_LOICIr_ms_M_u32p0	1004415744
sustBattDiag_LOISet ms M u32p0	3297756416
sustBattDiag_LOGEt_nis_ivi_us2p0	2751511296
ustBattDiag_LVCCii_ms_ivi_us2p0	624481536
sustBattDiag_LVHSCCIr ms M_u32p0	2432003840
sustBattDiag_LVHSCSet_ms_M_u32p0	3679561984
sustBattDiag_LVHSCIr_ms_M_u32p0	1004415744
sustBattDiag_LVHSSet ms M_u32p0	3297756416
ustBattDiag_LVLSCCIr ms M u32p0	759886592
sustBattDiag_LVLSCSet ms M u32p0	260820224
ustBattDiag_LVLSCIr ms M u32p0	1388390144
ustBattDiag_LVLSCii_riis_ivi_uszp0 ustBattDiag_LVLSSet_ms_M_u32p0	2774671616
ustBattDiag_LVLSSet_riis_M_u32p0 ustBattDiag_LVSMCIr_ms_M_u32p0	1784854272
ustBattDiag_LVSMCir_ms_m_us2p0 ustBattDiag_LVSMSet_ms_M_u32p0	1063399680
ustBattDlag_LvSMSet_ms_M_u32p0 te_Call_Ap_CustBattDlag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_EpsErt_OP_GET(signal) te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	
te_Call_Ap_CustBattDiag_SystemTime_DtffffiEiapsed+fiffe_ffiS_u10(Eiapsed te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTim	V
	target Rte Inst Ap CustBattDiag 2
te_Inst_Ap_CustBattDiag	4
te_Mode_Ap_CustBattDiag_SystemState_Mode() CustBattDiagLOIspd kph f32	370.354462
	351.641541
_CustBattDiaghispd_kph_f32	421.23233
_CustBattDiaglospd_kph_f32	39632
LOIDetect_ms_u16p0	
_LOINotDetect_ms_u16p0	58741
LVCDetect_Volts_u10p6	192
LVCDetect_ms_u16p0	37797
_LVCNotDetect_Volts_u10p6	1664
_LVCNotDetect_ms_u16p0	21272
_LVHSCDetect_Volts_u10p6	1856
_LVHSCDetect_ms_u16p0	57782
_LVHSCNotDetect_Volts_u10p6	1664
_LVHSCNotDetect_ms_u16p0	24351
_LVHSDetect_Volts_u10p6	192
_LVHSDetect_ms_u16p0	65535
_LVHSNotDetect_Volts_u10p6	1664
_LVHSNotDetect_ms_u16p0	49607
_LVLSCDetect_Volts_u10p6	192
_LVLSCDetect_ms_u16p0	48051
_LVLSCNotDetect_Volts_u10p6	1664
_LVLSCNotDetect_ms_u16p0	64552
_LVLSDetect_Volts_u10p6	192
_LVLSDetect_ms_u16p0	15974

CustBattDiag LVLSCSet ms M u32p0

CustBattDiag_LVLSClr_ms_M_u32p0

CustBattDiag LVLSSet ms M u32p0

CustBattDiag_LVSMCIr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2 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 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 14195$ 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_lg target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** Result CustBattDiag_LOICIr_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_LVHSCCIr_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 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 759886592 759886592

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	~

260820224

1388390144

2774671616

1784854272

1063399680

260820224

1388390144

2774671616

1784854272

1063399680

Test Step 2.88 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2456830464
CustBattDiag_LOISet_ms_M_u32p0	1464038400
CustBattDiag_LVCClr_ms_M_u32p0	3628634624
CustBattDiag_LVCSet_ms_M_u32p0	3985130496
CustBattDiag_LVHSCCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	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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CustbattDiag_Per2			MACTUAL	
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			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$				
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cni			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ig				
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOICIr_ms_M_u32p0	2456830464	2456830464	~	
CustBattDiag_LOISet_ms_M_u32p0	1464038400	1464038400	~	
CustBattDiag_LVCCIr_ms_M_u32p0	3628634624	3628634624	~	
CustBattDiag_LVCSet_ms_M_u32p0	3985130496	3985130496	~	
CustBattDiag_LVHSCCIr_ms_M_u32p0	4279998976	4279998976		
CustBattDiag_LVHSCSet_ms_M_u32p0	3884828672	3884828672	-	
CustBattDiag_LVHSCIr_ms_M_u32p0	2456830464	2456830464	•	
CustBattDiag_LVHSSet_ms_M_u32p0	1464038400	1464038400	~	
CustBattDiag_LVLSCCIr_ms_M_u32p0	4279998976	4279998976	~	
CustBattDiag_LVLSCSet_ms_M_u32p0	4279998976	4279998976	Y	
CustBattDiag_LVLSCIr_ms_M_u32p0	2763476480	2763476480	~	
CustBattDiag_LVLSSet_ms_M_u32p0	2168217600	2168217600	•	
CustBattDiag_LVSMCIr_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_LOICIr_ms_M_u32p0	399899904
CustBattDiag_LOISet_ms_M_u32p0	1285842688

CustBattDiag_Per2

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CusibaliDiag_Perz		(WECK	<i>X</i> 10
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_LVHSCIr_ms_M_u32p0	399899904		
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0	1285842688 3320382720		
CustBattDiag_LVLSCSet_ms_M_u32p0	1388359424		
CustBattDiag_LVLSCIr_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_C		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnEl		me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag	target_Rte_Call_Ap_CustBattDiag_SystemTi target_Rte_Inst_Ap_CustBattDiag_2	me_GetSystemTime_mS_u32_CurrentTime	
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 k_LVCNotDetect_ms_u16p0	256 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	1024		
k_LVLSCDetect_Volts_u10p6 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 k_LVSMDetect_ms_u16p0	1024 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 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cni	t_lgc	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp		1_
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1295250688 1295250688	1295250688	•
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCClr ms_M_u32p0	3415018752	1295250688 3415018752	j
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet ms M u32p0	1295250688	1295250688	
CustBattDiag_LVHSCCIr ms M u32p0	155672832	155672832	
CustBattDiag_LVHSCSet_ms_M_u32p0	1295250688	1295250688	
CustBattDiag_LVHSClr_ms_M_u32p0	39989904	39989904	•
CustBattDiag_LVHSSet_ms_M_u32p0	1285842688	1285842688	•
Cust Datt Diag 1 VI CCCIs ma M 122m0			1
CustBattDiag_LVLSCClr_ms_M_u32p0	3320382720	3320382720	_
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	3320382720 1295250688 2620446976	3320382720 1295250688 2620446976	

CustBattDiag_Per2

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSSet_ms_M_u32p0	694788864	694788864	~
CustBattDiag_LVSMCIr_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	~

Гest Step 2.90 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1548798976
CustBattDiag_LOISet_ms_M_u32p0	1410174464
CustBattDiag_LVCClr_ms_M_u32p0	2976619520
custBattDiag_LVCSet_ms_M_u32p0	2432228864
ustBattDiag_LVHSCClr_ms_M_u32p0	2056036352
CustBattDiag_LVHSCSet_ms_M_u32p0	415924736
sustBattDiag_LVHSClr_ms_M_u32p0	1548798976
ustBattDiag_LVHSSet_ms_M_u32p0	1410174464
sustBattDiag_LVLSCCIr_ms_M_u32p0	1211610112
ustBattDiag_LVLSCSet_ms_M_u32p0	3973625344
ustBattDiag_LVLSCIr_ms_M_u32p0	1571829760
ustBattDiag_LVLSSet_ms_M_u32p0	1840110080
ustBattDiag LVSMCIr ms M u32p0	73795584
ustBattDiag_LVSMSet_ms_M_u32p0	2456562176
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	3
CustBattDiagLOIspd_kph_f32	99.7356796
CustBattDiaghispd_kph_f32	16.2747059
CustBattDiaglospd_kph_f32	91.8207092
LOIDetect ms u16p0	30629
LOINotDetect ms u16p0	40642
LVCDetect Volts u10p6	1536
LVCDetect ms u16p0	15255
LVCNotDetect_Volts_u10p6	256
LVCNotDetect ms u16p0	19733
LVHSCDetect_Volts_u10p6	896
LVHSCDetect ms u16p0	35086
LVHSCNotDetect_Volts_u10p6	256
LVHSCNotDetect ms u16p0	61324
LVHSDetect Volts u10p6	1536
LVHSDetect ms u16p0	61880
VHSNotDetect_Volts_u10p6	256
LVHSNotDetect ms u16p0	65535
	1536
LVLSCDetect ms u16p0	43314
LVLSCNotDetect_Volts_u10p6	256
LVLSCNotDetect ms u16p0	26844
LVLSDetect_Volts_u10p6	1536
LVLSDetect_ms_u16p0	49086
LVLSNotDetect_Volts_u10p6	256
LVLSNotDetect ms u16p0	35215
LVSMDetect Volts u10p6	1536
LVSMDetect_volis_u10p0	19631
_LVSMNotDetect_Volts_u10p6	256
LVSMNotDetect ms u16p0	15392
rget_CustBattDiag_Per2_Batt_Volt_f32.value	16.3029842

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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	1		6□ _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	3		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cr	it_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32		
Name	Actual Value	Expected Value		Result
CustBattDiag_LOIClr_ms_M_u32p0	3390497792	3390497792		✓
CustBattDiag_LOISet_ms_M_u32p0	3390497792	3390497792		•
CustBattDiag_LVCCIr_ms_M_u32p0	2976619520	2976619520		•
CustBattDiag_LVCSet_ms_M_u32p0	2432228864	2432228864		✓
CustBattDiag_LVHSCCIr_ms_M_u32p0	2056036352	2056036352		~
CustBattDiag_LVHSCSet_ms_M_u32p0	415924736	415924736		✓
CustBattDiag_LVHSClr_ms_M_u32p0	1548798976	1548798976		~
CustBattDiag_LVHSSet_ms_M_u32p0	3390497792	3390497792		✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	1211610112	1211610112		~
CustBattDiag_LVLSCSet_ms_M_u32p0	3973625344	3973625344		✓
CustBattDiag_LVLSClr_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			

CustBattDiag_Per2

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Input Value k LOIDetect ms u16p0 36868 54309 k_LOINotDetect_ms_u16p0 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 20654 k LVHSDetect ms u16p0 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 9.92610836 target CustBattDiag Per2 Batt Volt f32.value target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 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 target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 3972 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 3454670592 target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic 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 LOICIr ms M u32p0 3235667712 3235667712 CustBattDiag_LOISet_ms_M_u32p0 3454670592 3454670592 1892413184 1892413184 CustBattDiag LVCClr ms M u32p0 $CustBattDiag_LVCSet_ms_M_u32p0$ 2443979008 2443979008 CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0 3454670592 3454670592 CustBattDiag_LVLSCSet_ms_M_u32p0 1802281216 1802281216 CustBattDiag_LVLSCIr_ms_M_u32p0 3513654016 3513654016 CustBattDiag_LVLSSet_ms_M_u32p0 444413184 444413184 CustBattDiag_LVSMClr_ms_M_u32p0 3096226560 3096226560

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	~

1233274112

1233274112

CustBattDiag_LVSMSet_ms_M_u32p0





Test Step 2.92 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3980764672
CustBattDiag LOISet ms M u32p0	2444785664
CustBattDiag_LVCClr_ms_M_u32p0	3484874240
CustBattDiag_LVCSet_ms_M_u32p0	1316898816
CustBattDiag LVHSCCIr ms M u32p0	3414170112
CustBattDiag LVHSCSet ms M u32p0	3212643328
CustBattDiag_LVHSCIr_ms_M_u32p0	3980764672
CustBattDiag_LVHSSet_ms_M_u32p0	2444785664
CustBattDiag_LVLSCCIr_ms_M_u32p0	111398400
CustBattDiag_LVLSCSet_ms_M_u32p0	2031935488
CustBattDiag_LVLSCIr_ms_M_u32p0	1031827968
CustBattDiag LVLSSet ms M u32p0	389751808
CustBattDiag LVSMCIr 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
	n 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_wolls_u16p0	44752
k LVCNotDetect Volts u10p6	576
	15214
k_LVCNotDetect_ms_u16p0	192
k_LVHSCDetect_Volts_u10p6	
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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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_LVLSCIr_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	✓

Τ				V
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_LVCCIr_ms_M_u32p0	198304000
CustBattDiag_LVCSet_ms_M_u32p0	2336484096
CustBattDiag_LVHSCCIr_ms_M_u32p0	436630784
CustBattDiag_LVHSCSet_ms_M_u32p0	2555879168
CustBattDiag_LVHSCIr_ms_M_u32p0	2313539840
CustBattDiag_LVHSSet_ms_M_u32p0	2790611712
	3362478336
CustBattDiag_LVLSCCIr_ms_M_u32p0	1674060544
CustBattDiag_LVLSCSet_ms_M_u32p0	
CustBattDiag_LVLSCIr_ms_M_u32p0	3546639616
CustBattDiag_LVLSSet_ms_M_u32p0	3346880256
CustBattDiag_LVSMCIr_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_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_MS_u16(ElapsedTime_DtrmnElapse	
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



CustBattDiag_Per2

Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVal	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kr	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	2451654912	2451654912	~
CustBattDiag_LOISet_ms_M_u32p0	2451654912	2451654912	~
CustBattDiag_LVCCIr_ms_M_u32p0	198304000	198304000	~
CustBattDiag_LVCSet_ms_M_u32p0	2336484096	2336484096	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	436630784	436630784	~
CustBattDiag_LVHSCSet_ms_M_u32p0	2555879168	2555879168	~
CustBattDiag_LVHSClr_ms_M_u32p0	2313539840	2313539840	~
CustBattDiag_LVHSSet_ms_M_u32p0	2790611712	2790611712	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	3362478336	3362478336	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1674060544	1674060544	~
CustBattDiag_LVLSClr_ms_M_u32p0	3546639616	3546639616	~
CustBattDiag_LVLSSet_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_LVHSCCIr_ms_M_u32p0	3449775104	
CustBattDiag_LVHSCSet_ms_M_u32p0	1674831360	
CustBattDiag_LVHSCIr_ms_M_u32p0	3195097088	
CustBattDiag_LVHSSet_ms_M_u32p0	1808445952	
CustBattDiag_LVLSCCIr_ms_M_u32p0	3808475136	
CustBattDiag_LVLSCSet_ms_M_u32p0	1485986304	
CustBattDiag_LVLSCIr_ms_M_u32p0	4083317760	
CustBattDiag_LVLSSet_ms_M_u32p0	3007495680	
CustBattDiag_LVSMCIr_ms_M_u32p0	870927360	
CustBattDiag_LVSMSet_ms_M_u32p0	4235857408	

Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)

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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 LVLSNotDetect Volts u10p6	1152		
k LVLSNotDetect 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 Igc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	10		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.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			
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_lg	c	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 EtatMT Cnt u08	target_CustBattDiag_Per2_EtatMT_Cnt_ui		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_0		
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt lo			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target CustBattDiag Per2 VehicleSpeed		
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOIClr_ms_M_u32p0	161409024	161409024	Resul
CustBattDiag LOISet ms M u32p0	161409024	161409024	
CustBattDiag_LVCClr_ms_M_u32p0	161409024	161409024	
CustBattDiag_LVCSet_ms_M_u32p0	1799291392	1799291392	
CustBattDiag_LVHSCCIr_ms_M_u32p0	161409024	161409024	
CustBattDiag_LVHSCSet ms M u32p0	1674831360	1674831360	
CustbattDiag_LVH3C3et_Hs_iv_u32p0	1074031300		
CustPottDiag I V/HCClr ma M u22n0	2105007000		
CustBattDiag_LVHSCIr_ms_M_u32p0	3195097088	3195097088	,
CustBattDiag_LVHSSet_ms_M_u32p0	1808445952	3195097088 1808445952	•
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCClr_ms_M_u32p0	1808445952 161409024	3195097088 1808445952 161409024	•
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	1808445952 161409024 1485986304	3195097088 1808445952 161409024 1485986304	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	1808445952 161409024 1485986304 4083317760	3195097088 1808445952 161409024 1485986304 4083317760	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	1808445952 161409024 1485986304 4083317760 3007495680	3195097088 1808445952 161409024 1485986304 4083317760 3007495680	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	1808445952 161409024 1485986304 4083317760 3007495680 870927360	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSClr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMClr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSClr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMClr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSClr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMClr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Status_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0x01 0x01 0xE3	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0x01 0x01 0x01 0x01 0x01	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMClr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0xE3 0x01	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0x01 0xE0 0x01 0x01 0x01 0x01 0x03 0x01	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0xE3 0x01 0xE3	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0xE0 0x01 0x01 0xE3 0x01 0xE3	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCir_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0xE3 0x01 0xE3 0x01 0xE4	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0xE0 0x01 0xE3 0x01 0xC1 0xE3 0x01 0xE3 0x01	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum	1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0xE3 0x01 0xE3	3195097088 1808445952 161409024 1485986304 4083317760 3007495680 870927360 4235857408 0xE8 0x01 0x01 0xE0 0x01 0x01 0xE0 0x01 0x01 0xE3 0x01 0xE3	



√.					
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	~	

lame	Input Value
	2978665216
CustBattDiag_LOICIr_ms_M_u32p0	1099345152
CustBattDiag_LOISet_ms_M_u32p0	693592832
CustBattDiag_LVCCIr_ms_M_u32p0	
CustBattDiag_LVCSet_ms_M_u32p0	946453760
CustBattDiag_LVHSCCIr_ms_M_u32p0	2236651264
custBattDiag_LVHSCSet_ms_M_u32p0	792400128
CustBattDiag_LVHSCIr_ms_M_u32p0	2978665216 1099345152
sustBattDiag_LVHSSet_ms_M_u32p0	111111111111111111111111111111111111111
ustBattDiag_LVLSCCIr_ms_M_u32p0	595368704
ustBattDiag_LVLSCSet_ms_M_u32p0	2345645312
ustBattDiag_LVLSCIr_ms_M_u32p0	2657570560
ustBattDiag_LVLSSet_ms_M_u32p0	709789952
ustBattDiag_LVSMCIr_ms_M_u32p0	1007869696
ustBattDiag_LVSMSet_ms_M_u32p0	266901760
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(Elapsed	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime_ms_u32)	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
_CustBattDiagLOlspd_kph_f32	119.554306
_CustBattDiaghispd_kph_f32	19.65382
_CustBattDiaglospd_kph_f32	374.012604
_LOIDetect_ms_u16p0	29691
_LOINotDetect_ms_u16p0	32334
_LVCDetect_Volts_u10p6	576
_LVCDetect_ms_u16p0	33117
_LVCNotDetect_Volts_u10p6	192
_LVCNotDetect_ms_u16p0	9629
_LVHSCDetect_Volts_u10p6	192
_LVHSCDetect_ms_u16p0	55156
_LVHSCNotDetect_Volts_u10p6	192
_LVHSCNotDetect_ms_u16p0	5691
_LVHSDetect_Volts_u10p6	576
_LVHSDetect_ms_u16p0	48400
_LVHSNotDetect_Volts_u10p6	192
_LVHSNotDetect_ms_u16p0	24903
_LVLSCDetect_Volts_u10p6	576
_LVLSCDetect_ms_u16p0	10871
_LVLSCNotDetect_Volts_u10p6	192
_LVLSCNotDetect_ms_u16p0	13262
_LVLSDetect_Volts_u10p6	576
_LVLSDetect_ms_u16p0	24838
_LVLSNotDetect_Volts_u10p6	192
_LVLSNotDetect_ms_u16p0	0
_LVSMDetect_Volts_u10p6	576
_LVSMDetect_ms_u16p0	39351
_LVSMNotDetect_Volts_u10p6	192
LVSMNotDetect ms u16p0	40623

CustBattDiag_LVLSCIr_ms_M_u32p0

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2	, 11.40.00 (0000		Razorcat
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_Cn	t_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	610405120	610405120	~
CustBattDiag_LOISet_ms_M_u32p0	610405120	610405120	~
CustBattDiag_LVCCIr_ms_M_u32p0	693592832	693592832	✓
CustBattDiag_LVCSet_ms_M_u32p0	946453760	946453760	✓
CustBattDiag_LVHSCCIr_ms_M_u32p0	2236651264	2236651264	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	792400128	792400128	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2978665216	2978665216	✓
CustBattDiag_LVHSSet_ms_M_u32p0	1099345152	1099345152	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	595368704	595368704	~
CustBattDiag LVLSCSet ms M u32p0	2345645312	2345645312	✓

T				V
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 An CustBattDiag SystemTime GetSystemTime mS u32	1	Rte Call An CustBattDiag SystemTime GetSystemTime mS u32	1	_

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Test Step 2.96 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
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_LVHSSet_ms_M_u32p0	3187588096
CustBattDiag_LVLSCCIr_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(ElapsedTir	n 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

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CustBattDiag Per2

CustBattDiag_Per2			razolitat
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 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 Igc.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 El			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_Batt_Volt_f32 target CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Ci		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_h	1	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1080336896	1080336896	
CustBattDiag_LOISet_ms_M_u32p0	1080336896	1080336896	✓
CustBattDiag_LVCCIr_ms_M_u32p0	1424267776	1424267776	~
CustBattDiag_LVCSet_ms_M_u32p0	4187327488	4187327488	~
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	2706698752	2706698752	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1080336896	1080336896	~
CustBattDiag_LVLSCIr_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	~

Τ				✓
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	✓

0x00

0x00

0xE4

0x00

0x00

0x00

0x00

0xE4

0x00

0x00

Param_Cnt_T_u08

Status_Cnt_T_enum

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum





Test Step 2.97 (Repeat Count = 1)	Land Value		<u> </u>
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	1596450048		
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	4287794944 2950231296		
CustBattDiag_LVCSet_ms_M_u32p0	3960348416		
CustBattDiag_LVHSCCIr_ms_M_u32p0	2830878976		
CustBattDiag_LVHSCSet_ms_M_u32p0	596251392		
CustBattDiag_LVHSCIr_ms_M_u32p0	1596450048		
CustBattDiag_LVHSSet_ms_M_u32p0	4287794944		
CustBattDiag_LVLSCCIr_ms_M_u32p0	2582113536		
CustBattDiag_LVLSCSet_ms_M_u32p0	1197725440		
CustBattDiag_LVLSCIr_ms_M_u32p0	3309846784		
CustBattDiag_LVLSSet_ms_M_u32p0	3757656832		
CustBattDiag_LVSMCIr_ms_M_u32p0	47206656		
CustBattDiag_LVSMSet_ms_M_u32p0	2296634112	ND OFT sizes!	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		Timo
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	inio_cotoyotemriino_mo_doz_cumentriini	<u> </u>
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0		
_CustBattDiagLOlspd_kph_f32	18.227457		
C_CustBattDiaghispd_kph_f32	427.799103		
_CustBattDiaglospd_kph_f32	19.6407337		
c_LOIDetect_ms_u16p0	27378		
x_LOINotDetect_ms_u16p0	13644		
<pre>c_LVCDetect_Volts_u10p6</pre>	960		
<pre>C_LVCDetect_ms_u16p0</pre>	42594		
<pre>(_LVCNotDetect_Volts_u10p6</pre>	1344		
<pre><_LVCNotDetect_ms_u16p0 </pre> <pre><_LVHSCDetect_Volts_u10p6</pre>	8722 1920		
<pre>C_LVHSCDetect_voits_u16p0</pre>	65201		
<pre>C_EVHSCNotDetect_Volts_u10p6</pre>	1344		
C LVHSCNotDetect ms u16p0	36122		
 <_LVHSDetect_Volts_u10p6	960		
k_LVHSDetect_ms_u16p0	29805		
C_LVHSNotDetect_Volts_u10p6	1344		
x_LVHSNotDetect_ms_u16p0	25038		
<_LVLSCDetect_Volts_u10p6	960		
k_LVLSCDetect_ms_u16p0	24358		
<pre><_LVLSCNotDetect_Volts_u10p6</pre>	1344		
<pre><_LVLSCNotDetect_ms_u16p0</pre>	52645		
<pre><_LVLSDetect_Volts_u10p6 <_LVLSDetect_ms_u16p0</pre>	960 39282		
<pre>C_LVLSNotDetect_Volts_u10p6</pre>	1344		
<pre>C_EVESNotDetect_ms_u16p0</pre>	27006		
LVSMDetect Volts u10p6	960		
c_LVSMDetect_ms_u16p0	20199		
	1344		
z_LVSMNotDetect_ms_u16p0	12819		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	31		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	427.953278 0		
arget_Rte_Call_Ap_custBattDiag_EpsEn_OP_GE1_signal arget Rte Call Ap CustBattDiag SystemTime			
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cni	t_lgc	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg			
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	ph_f32	
arget_Nte_inst_Ap_custbattblag_z.custbattblag_refz_verificeopeeu_npi1_i3z	Actual Value	Expected Value	Resul
Name			
Name CustBattDiag_LOICIr_ms_M_u32p0	3615022336	3615022336	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	3615022336 3615022336	3615022336	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	3615022336 3615022336 2950231296	3615022336 2950231296	
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	3615022336 3615022336 2950231296 3960348416	3615022336 2950231296 3960348416	
Name CustBattDiag_LOIClr_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCClr_ms_M_u32p0 CustBattDiag_LVHSCClr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	3615022336 3615022336 2950231296	3615022336 2950231296	

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CustBattDiag_LVHSClr_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	4287794944	4287794944	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	2582113536	2582113536	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1197725440	1197725440	✓
CustBattDiag_LVLSCIr_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	✓

Т				
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)	<u> </u>
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_LVHSCCIr_ms_M_u32p0	1338992640
CustBattDiag_LVHSCSet_ms_M_u32p0	3440151040
CustBattDiag_LVHSClr_ms_M_u32p0	2415596544
CustBattDiag_LVHSSet_ms_M_u32p0	98768384
CustBattDiag_LVLSCCIr_ms_M_u32p0	3386571776
CustBattDiag_LVLSCSet_ms_M_u32p0	3985587712
CustBattDiag_LVLSCIr_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	
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_LVLSCNotDetect_ms_u1op0 k_LVLSDetect_Volts_u10p6	256
k_LVLSDetect_ms_u16p0	6835
k_LVLSNotDetect_Volts_u10p6	256
	5197
k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6	256
	42869
k_LVSMDetect_ms_u16p0	256
k_LVSMNotDetect_Volts_u10p6	
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	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	304.883759





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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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_LVCSet_ms_M_u32p0	3236441088	3236441088	✓
CustBattDiag_LVHSCCIr_ms_M_u32p0	1338992640	1338992640	•
CustBattDiag_LVHSCSet_ms_M_u32p0	3236441088	3236441088	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2415596544	2415596544	•
CustBattDiag_LVHSSet_ms_M_u32p0	98768384	98768384	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	3386571776	3386571776	~
CustBattDiag_LVLSCSet_ms_M_u32p0	3236441088	3236441088	✓
CustBattDiag_LVLSClr_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_LVCSet_ms_M_u32p0	1151701248
CustBattDiag_LVHSCCIr_ms_M_u32p0	3016788736
CustBattDiag_LVHSCSet_ms_M_u32p0	320939264
CustBattDiag_LVHSClr_ms_M_u32p0	2298316544
CustBattDiag_LVHSSet_ms_M_u32p0	3251470592
CustBattDiag_LVLSCCIr_ms_M_u32p0	2633879296
CustBattDiag_LVLSCSet_ms_M_u32p0	1298729216
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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

CustBattDiag_Per2

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Input Value k_LOINotDetect_ms_u16p0 52612 k_LVCDetect_Volts_u10p6 576 18785 k LVCDetect ms u16p0 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 57985 k_LVHSDetect_ms_u16p0 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 576

k_LVLSDetect_Volts_u10p6 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 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
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u22_Current
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$

target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

target_CustBattDiag_Per2_EngOn_Cnt_lgc

Actual Value Expected Value Name Result CustBattDiag_LOICIr_ms_M_u32p0 2828418816 2828418816 2828418816 CustBattDiag_LOISet_ms_M_u32p0 2828418816 CustBattDiag_LVCCIr_ms_M_u32p0 1303844608 1303844608 CustBattDiag_LVCSet_ms_M_u32p0 1151701248 1151701248 CustBattDiag_LVHSCCIr_ms_M_u32p0 3016788736 3016788736 CustBattDiag_LVHSCSet_ms_M_u32p0 320939264 320939264 $CustBattDiag_LVHSClr_ms_M_u32p0$ 2298316544 2298316544 CustBattDiag_LVHSSet_ms_M_u32p0 3251470592 3251470592 CustBattDiag_LVLSCCIr_ms_M_u32p0 2633879296 2633879296 CustBattDiag_LVLSCSet_ms_M_u32p0 1298729216 1298729216 CustBattDiag_LVLSClr_ms_M_u32p0 3313550080 3313550080 CustBattDiag_LVLSSet_ms_M_u32p0 3788119296 3788119296 CustBattDiag LVSMCIr ms M u32p0 902386432 902386432 CustBattDiag_LVSMSet_ms_M_u32p0 478752000 478752000

T				V
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_LOICIr_ms_M_u32p0	3951177216
CustBattDiag_LOISet_ms_M_u32p0	2440708096
CustBattDiag_LVCCIr_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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CustBattDiag Per2 Input Value CustBattDiag LVHSClr ms M u32p0 3951177216 2440708096 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag LVLSCCIr ms M u32p0 3936441856 CustBattDiag_LVLSCSet_ms_M_u32p0 2798102528 CustBattDiag LVLSCIr 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_u16_Elapse$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ 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() 458 268616 k CustBattDiagLOIspd kph f32 234.892822 k_CustBattDiaghispd_kph_f32 k CustBattDiaglospd kph f32 324.047882 k_LOIDetect_ms_u16p0 55750 16910 k LOINotDetect ms u16p0 k_LVCDetect_Volts_u10p6 1024 15199 k LVCDetect ms u16p0 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 1024 k LVHSDetect Volts u10p6 k_LVHSDetect_ms_u16p0 42973 k LVHSNotDetect Volts u10p6 960 k_LVHSNotDetect_ms_u16p0 61820 1024 k LVLSCDetect Volts u10p6 k_LVLSCDetect_ms_u16p0 59468 k LVLSCNotDetect Volts u10p6 960 k_LVLSCNotDetect_ms_u16p0 8745 k_LVLSDetect_Volts_u10p6 1024 30894 k_LVLSDetect_ms_u16p0 k_LVLSNotDetect_Volts_u10p6 960 39753 k_LVLSNotDetect_ms_u16p0 k LVSMDetect Volts u10p6 1024 k LVSMDetect ms_u16p0 6076 k_LVSMNotDetect_Volts_u10p6 960 54605 k LVSMNotDetect ms u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 11.4503689 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 Igc.value 0 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 131.724731 target Rte Call Ap CustBattDiag EpsEn OP GET signal 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 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$ $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value** Expected Value $CustBattDiag_LOICIr_ms_M_u32p0$ 3951177216 3951177216 CustBattDiag_LOISet_ms_M_u32p0 4120380928 4120380928 CustBattDiag_LVCCIr_ms_M_u32p0 932544000 932544000 CustBattDiag_LVCSet_ms_M_u32p0 1026691072 1026691072 CustBattDiag LVHSCCIr 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 4120380928 4120380928 CustBattDiag LVLSCCIr ms M u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 2798102528 2798102528 CustBattDiag LVLSCIr ms M u32p0 1575516672 1575516672 CustBattDiag_LVLSSet_ms_M_u32p0 1995729920 1995729920

2739849728

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CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0



Τ				✓
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)	
lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	189806848
CustBattDiag_LOISet_ms_M_u32p0	3358589696
CustBattDiag_LVCClr_ms_M_u32p0	1482049792
CustBattDiag_LVCSet_ms_M_u32p0	675844864
CustBattDiag_LVHSCCIr_ms_M_u32p0	3327876352
CustBattDiag_LVHSCSet_ms_M_u32p0	515950336
CustBattDiag_LVHSCIr_ms_M_u32p0	189806848
custBattDiag_LVHSSet_ms_M_u32p0	3358589696
custBattDiag_LVLSCCIr_ms_M_u32p0	3700605184
CustBattDiag_LVLSCSet_ms_M_u32p0	3756509952
rustBattDiag_LVLSClr_ms_M_u32p0	4232926464
ustBattDiag_LVLSSet_ms_M_u32p0	124878592
sustBattDiag_LVSMClr_ms_M_u32p0	1767531776
ustBattDiag_LVSMSet_ms_M_u32p0	3064532736
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_mS_u16)	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime	
tte_Inst_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag 2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	4
_CustBattDiagLOlspd_kph_f32	373.154297
_CustBattDiaghispd_kph_f32	83.4732285
_CustBattDiaglospd_kph_f32	102.378799
LOIDetect ms u16p0	21482
	6987
_LOINotDetect_ms_u16p0	1856
_LVCDetect_Volts_u10p6	
_LVCDetect_ms_u16p0	34976
_LVCNotDetect_Volts_u10p6	256
_LVCNotDetect_ms_u16p0	64486
_LVHSCDetect_Volts_u10p6	64
_LVHSCDetect_ms_u16p0	3186
_LVHSCNotDetect_Volts_u10p6	256
_LVHSCNotDetect_ms_u16p0	0
_LVHSDetect_Volts_u10p6	1856
_LVHSDetect_ms_u16p0	7045
_LVHSNotDetect_Volts_u10p6	256
_LVHSNotDetect_ms_u16p0	44000
_LVLSCDetect_Volts_u10p6	1856
_LVLSCDetect_ms_u16p0	55370
_LVLSCNotDetect_Volts_u10p6	256
_LVLSCNotDetect_ms_u16p0	2410
LVLSDetect_Volts_u10p6	1856
LVLSDetect_ms_u16p0	28868
LVLSNotDetect_Volts_u10p6	256
LVLSNotDetect_ms_u16p0	3755
LVSMDetect_Volts_u10p6	1856
LVSMDetect_ms_u16p0	53559
LVSMNotDetect Volts u10p6	256
LVSMNotDetect_ws_u16p0	42301
rget_CustBattDiag_Per2_Batt_Volt_f32.value	24.0917416
rget_CustBattDiag_Per2_Eatt_voit_1sz.value rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	24.0917416
	3
rrget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	107.232986
arget Rte Call Ap CustBattDiag EpsEn OP GET signal	0





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	e_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	846115072	846115072	~
CustBattDiag_LOISet_ms_M_u32p0	846115072	846115072	~
CustBattDiag_LVCCIr_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_LVHSSet_ms_M_u32p0	3358589696	3358589696	~
CustBattDiag_LVLSCCIr_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	~

Name	Input Value
CustBattDiag LOICIr ms M u32p0	1171396608
CustBattDiag LOISet ms M u32p0	584759808
CustBattDiag_LVCClr_ms_M_u32p0	3405768704
CustBattDiag LVCSet ms M u32p0	3637578240
CustBattDiag LVHSCCIr ms M u32p0	2655038464
CustBattDiag LVHSCSet ms M u32p0	1194880512
CustBattDiag_LVHSClr_ms_M_u32p0	1171396608
CustBattDiag LVHSSet ms M u32p0	584759808
CustBattDiag LVLSCCIr ms M u32p0	3861544960
CustBattDiag LVLSCSet ms M u32p0	1423139328
CustBattDiag_LVLSCIr_ms_M_u32p0	1514849280
CustBattDiag_LVLSSet_ms_M_u32p0	1443251712
CustBattDiag LVSMCIr 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	1
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
<pre>CustBattDiagLOIspd_kph_f32</pre>	83.7791595
k_CustBattDiaghispd_kph_f32	305.372803
CustBattDiaglospd_kph_f32	223.168915
<_LOIDetect_ms_u16p0	53708
c_LOINotDetect_ms_u16p0	23297
<pre>c_LVCDetect_Volts_u10p6</pre>	1664
c_LVCDetect_ms_u16p0	10024
<_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	32942
c_LVHSCDetect_Volts_u10p6	896
k_LVHSCDetect_ms_u16p0	60787
<pre>C_LVHSCNotDetect_Volts_u10p6</pre>	1984
c_LVHSCNotDetect_ms_u16p0	65535
	1664
C_LVHSDetect_ms_u16p0	25947
C_LVHSNotDetect_Volts_u10p6	1984
c_LVHSNotDetect_ms_u16p0	19617
LVLSCDetect_Volts_u10p6	1664
k_LVLSCDetect_ms_u16p0	62683
k_LVLSCNotDetect_Volts_u10p6	1984

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		•	
Name	Input Value		
k_LVLSCNotDetect_ms_u16p0	42323		
k_LVLSDetect_Volts_u10p6	1664		
k_LVLSDetect_ms_u16p0	52876		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_VehicleSpeedVal	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0	2655038464	2655038464	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1194880512	1194880512	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1171396608	1171396608	✓
CustBattDiag_LVHSSet_ms_M_u32p0	584759808	584759808	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	3861544960	3861544960	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1423139328	1423139328	✓
CustBattDiag_LVLSCIr_ms_M_u32p0	1514849280	1514849280	~
CustBattDiag_LVLSSet_ms_M_u32p0	1443251712	1443251712	~

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	~

1533252608

1520408064

1533252608

1520408064

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_LVHSCCIr_ms_M_u32p0	311213824
CustBattDiag_LVHSCSet_ms_M_u32p0	2704111872
CustBattDiag_LVHSClr_ms_M_u32p0	2022210304
CustBattDiag_LVHSSet_ms_M_u32p0	1182176512
CustBattDiag_LVLSCCIr_ms_M_u32p0	3676259072
CustBattDiag_LVLSCSet_ms_M_u32p0	3308035328
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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_CustBattDiaglospd_kph_f32	307.13736

CustBattDiag_LVSMClr_ms_M_u32p0
CustBattDiag_LVSMSet_ms_M_u32p0

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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_LVLSCNotDetect_Volts_u10p6	256		
k_LVLSCNotDetect_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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic	· - · · ·		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	962245376	962245376	~
CustBattDiag_LOISet_ms_M_u32p0	962245376	962245376	~
CustBattDiag_LVCCIr_ms_M_u32p0	2755595008	2755595008	~
CustBattDiag_LVCSet_ms_M_u32p0	2715002112	2715002112	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	311213824	311213824	~
CustBattDiag_LVHSCSet_ms_M_u32p0	2704111872	2704111872	~
CustBattDiag_LVHSCIr_ms_M_u32p0	2022210304	2022210304	~
CustBattDiag_LVHSSet_ms_M_u32p0	1182176512	1182176512	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	3676259072	3676259072	~
CustBattDiag_LVLSCSet_ms_M_u32p0	3308035328	3308035328	~
CustBattDiag_LVLSCIr_ms_M_u32p0	1154381568	1154381568	-
CustBattDiag_LVLSSet_ms_M_u32p0	2586046720	2586046720	~
CustBattDiag_LVSMClr_ms_M_u32p0	1757677312	1757677312	-

Τ				✓
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_LOICIr_ms_M_u32p0	699486720	
CustBattDiag_LOISet_ms_M_u32p0	2966356992	
CustBattDiag_LVCCIr_ms_M_u32p0	1959633408	
CustBattDiag_LVCSet_ms_M_u32p0	653775872	
CustBattDiag_LVHSCClr_ms_M_u32p0	2981398016	

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CustBattDiag Per2 Input Value $CustBattDiag_LVHSCSet_ms_M_u32p0$ 2302302208 CustBattDiag_LVHSClr_ms_M_u32p0 699486720 CustBattDiag LVHSSet ms M u32p0 2966356992 CustBattDiag_LVLSCCIr_ms_M_u32p0 3071080960 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 1993141248 CustBattDiag_LVLSCIr_ms_M_u32p0 1741643264 CustBattDiag_LVLSSet_ms_M_u32p0 2922835968 $CustBattDiag_LVSMClr_ms_M_u32p0$ 2251206144 CustBattDiag_LVSMSet_ms_M_u32p0 $Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)$ $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_ElapsedTime_u16_Elapse$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime$ Rte_Inst_Ap_CustBattDiag target_Rte_Inst_Ap_CustBattDiag_2 Rte Mode Ap CustBattDiag SystemState Mode() k_CustBattDiagLOlspd_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 k_LVHSCDetect_ms_u16p0 62703 k_LVHSCNotDetect_Volts_u10p6 64 44435 k LVHSCNotDetect ms u16p0 k_LVHSDetect_Volts_u10p6 1600 k LVHSDetect ms u16p0 18516 k_LVHSNotDetect_Volts_u10p6 64 49149 k LVHSNotDetect ms u16p0 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 39922 k_LVLSDetect_ms_u16p0 k_LVLSNotDetect_Volts_u10p6 64 k_LVLSNotDetect_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 0 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value target CustBattDiag Per2 VehicleSpeed Kph f32.value 263 42395 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic_target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32$ Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 370846208 370846208 CustBattDiag_LOISet_ms_M_u32p0 370846208 370846208 CustBattDiag_LVCClr_ms_M_u32p0 1959633408 1959633408 CustBattDiag LVCSet ms M u32p0 653775872 653775872 CustBattDiag_LVHSCCIr_ms_M_u32p0 2981398016 2981398016 CustBattDiag_LVHSCSet_ms_M_u32p0 2302302208 2302302208 CustBattDiag_LVHSClr_ms_M_u32p0 699486720 699486720 2966356992 2966356992 CustBattDiag LVHSSet ms M u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 3071080960 3071080960 CustBattDiag LVLSCSet ms M u32p0 1993141248 1993141248 CustBattDiag_LVLSClr_ms_M_u32p0 1741643264 1741643264

2922835968

2251206144

538624000

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2251206144

538624000

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0





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	~

est Step 2.105 (Repeat Count = 1)	I WI
	Input Value
0	1783811328
9	2722215680
ustBattDiag_LVCClr_ms_M_u32p0	507370752
sustBattDiag_LVCSet_ms_M_u32p0	2802272000
sustBattDiag_LVHSCCIr_ms_M_u32p0	270086400
sustBattDiag_LVHSCSet_ms_M_u32p0	2672802560
ustBattDiag_LVHSCIr_ms_M_u32p0	1783811328
sustBattDiag_LVHSSet_ms_M_u32p0	2722215680
sustBattDiag_LVLSCCIr_ms_M_u32p0	585094400
sustBattDiag_LVLSCSet_ms_M_u32p0	166199040
sustBattDiag_LVLSCIr_ms_M_u32p0	2267588864
ustBattDiag_LVLSSet_ms_M_u32p0	2159670016
ustBattDiag_LVSMCIr_ms_M_u32p0	2370484480
sustBattDiag_LVSMSet_ms_M_u32p0	1045332736
	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Inst_Ap_CustBattDiag_2
	1
	366.675476
0 1 1 1	15.813632
0 1 2 1 2	67.5302277
	12958
	20268
	1600
,	9851
	1792
	13949
	1856
	24255
	1792
	64652
	1600
	31280
_LVHSNotDetect_Volts_u10p6	1792
_LVHSNotDetect_ms_u16p0	8684
_LVLSCDetect_Volts_u10p6	1600
_LVLSCDetect_ms_u16p0	65535
_LVLSCNotDetect_Volts_u10p6	1792
_LVLSCNotDetect_ms_u16p0	27869
_LVLSDetect_Volts_u10p6	1600
_LVLSDetect_ms_u16p0	44551
LVLSNotDetect_Volts_u10p6	1792
	41200
	1600
:	12544
	1792
	8101
	9.32661152
	0
	0
0 _ 0	1
0 = 0= = = 0	0
3-2	288.383606
312 112 1 2 P2 1 1 1 1 2 P 2 P 2 P 2 P 2	0
arget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	
	target_CustBattDiag_Per2_Batt_Volt_f32
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
	torget CustDattDing Dary FlatMT Cat upo
	target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc

CustBattDiag_Per2

CustBattDiag_LVSMSet_ms_M_u32p0

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Input Value $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Expected Value** Result Name **Actual Value** $CustBattDiag_LOICIr_ms_M_u32p0$ 2557920512 2557920512 CustBattDiag_LOISet_ms_M_u32p0 2557920512 2557920512 CustBattDiag_LVCCIr_ms_M_u32p0 507370752 507370752 CustBattDiag_LVCSet_ms_M_u32p0 2802272000 2802272000 CustBattDiag_LVHSCCIr_ms_M_u32p0 270086400 270086400 CustBattDiag_LVHSCSet_ms_M_u32p0 2672802560 2672802560 $CustBattDiag_LVHSClr_ms_M_u32p0$ 1783811328 1783811328 CustBattDiag_LVHSSet_ms_M_u32p0 2722215680 2722215680 CustBattDiag_LVLSCCIr_ms_M_u32p0 585094400 585094400 CustBattDiag_LVLSCSet_ms_M_u32p0 166199040 166199040 $CustBattDiag_LVLSCIr_ms_M_u32p0$ 2267588864 2267588864 CustBattDiag_LVLSSet_ms_M_u32p0 2159670016 2159670016 CustBattDiag_LVSMClr_ms_M_u32p0 2370484480 2370484480

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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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Test Step 2.106 (Repeat Count = 1)	🗸
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	471489536
CustBattDiag_LOISet_ms_M_u32p0	745905664
CustBattDiag_LVCCIr_ms_M_u32p0	1083780096
CustBattDiag LVCSet ms M u32p0	3898928640
CustBattDiag_LVHSCCIr_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(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	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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CustBattDiag_Per2

CustBattDiag_LVHSSet_ms_M_u32p0

CustBattDiag_LVLSCCIr_ms_M_u32p0

CustBattDiag_LVLSCSet_ms_M_u32p0

CustBattDiag_LVLSClr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	22467		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerset and the property of the p$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0	932082688	932082688	~
CustBattDiag_LVHSCSet_ms_M_u32p0	932082688	932082688	~
CustBattDiag_LVHSClr_ms_M_u32p0	471489536	471489536	~

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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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932082688

932082688

3439127040

3387070464

1518287360

575488

745905664

932082688

932082688

3439127040

3387070464

1518287360

575488

CustBattDiag_LVHSCCir_ms_M_u32p0 1213805312 CustBattDiag_LVHSCSet_ms_M_u32p0 3109293312 CustBattDiag_LVHSCir_ms_M_u32p0 1539288832 CustBattDiag_LVLSCCir_ms_M_u32p0 2721442048 CustBattDiag_LVLSCCir_ms_M_u32p0 603256576 CustBattDiag_LVLSCir_ms_M_u32p0 3561910528 CustBattDiag_LVLSCir_ms_M_u32p0 3232000768 CustBattDiag_LVSMCir_ms_M_u32p0 346184832 CustBattDiag_LVSMCir_ms_M_u32p0 345184832 CustBattDiag_LVSMSet_ms_M_u32p0 345184952 Rie_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rie_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal Rie_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime target_Rie_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime Rie_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime) target_Rie_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime Rie_Inst_Ap_CustBattDiag_SystemState_Mode() target_Rie_Inst_Ap_CustBattDiag_2 K_CustBattDiaglospd_kph_f32 447.945313 K_CustBattDiaglospd_kph_f32 458.656982 K_LOIDetect_ms_u16p0 458.656982 K_LOIDetect_ms_u16p0 19638	T (0) 0407/D (0)	
CustBattDiag_LOICir_ms_M_u32p0 1539288832 CustBattDiag_LVCCir_ms_M_u32p0 2721442048 CustBattDiag_LVCCset_ms_M_u32p0 262666496 CustBattDiag_LVHSCCIr_ms_M_u32p0 1213805312 CustBattDiag_LVHSCCIr_ms_M_u32p0 3109293312 CustBattDiag_LVHSCIr_ms_M_u32p0 1539288832 CustBattDiag_LVHSCIr_ms_M_u32p0 2721442048 CustBattDiag_LVLSCCIr_ms_M_u32p0 2721442048 CustBattDiag_LVLSCCIr_ms_M_u32p0 80325676 CustBattDiag_LVLSCCIr_ms_M_u32p0 3561910528 CustBattDiag_LVLSCSet_ms_M_u32p0 3361910528 CustBattDiag_LVLSCSet_ms_M_u32p0 3436184832 CustBattDiag_LVSMCIr_ms_M_u32p0 3461806848 CustBattDiag_LVSMCIr_ms_M_u32p0 3461806848 CustBattDiag_LVSMCIr_ms_M_u32p0 3515421952 Rte_Call_Ap_CustBattDiag_SystemTime_Defect(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_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElaps		<u> </u>
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_LVHSCClr_ms_M_u32p0 3109293312 CustBattDiag_LVHSClr_ms_M_u32p0 1539288832 CustBattDiag_LVLSClr_ms_M_u32p0 2721442048 CustBattDiag_LVLSClr_ms_M_u32p0 603256576 CustBattDiag_LVLSClr_ms_M_u32p0 3561910528 CustBattDiag_LVLSClr_ms_M_u32p0 346180483 CustBattDiag_LVSMClr_ms_M_u32p0 3461806848 CustBattDiag_LVSMClr_ms_M_u32p0 34518421952 CustBattDiag_LVSMet_ms_M_u32p0 34518421952 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_ms_u16(ElapsedTime_ms_u16(ElapsedTime_ms_u16(ElapsedTime_ms_u16(ElapsedTime_	Name	Input Value
CustBattDiag_LVCCIr_ms_M_u32p0 763576064 CustBattDiag_LVHSCCIr_ms_M_u32p0 262666496 CustBattDiag_LVHSCCIr_ms_M_u32p0 1213806312 CustBattDiag_LVHSCSet_ms_M_u32p0 3109293312 CustBattDiag_LVHSCIr_ms_M_u32p0 1539288832 CustBattDiag_LVLSSet_ms_M_u32p0 2721442048 CustBattDiag_LVLSCIr_ms_M_u32p0 603256576 CustBattDiag_LVLSCir_ms_M_u32p0 3561910528 CustBattDiag_LVLSCir_ms_M_u32p0 3232000768 CustBattDiag_LVSSet_ms_M_u32p0 3436184632 CustBattDiag_LVSMCir_ms_M_u32p0 34561866848 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(ElapsedTime_ms_u16(ElapsedTime_ms_u16(ElapsedTime_ms_u16(ElapsedTime_u16)) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime_u16(ElapsedTime_u16) Rte_Call_Ap_CustBattDiag_SystemState_Mode() 3 447.945313 k_CustBattDiagLOlspd_kph_f32 447.945313 447.945313 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDbetect_ms_u16p0 19638	CustBattDiag_LOICIr_ms_M_u32p0	1539288832
CustBattDiag_LVCSet_ms_M_u32p0 262666496 CustBattDiag_LVHSCCIr_ms_M_u32p0 1213805312 CustBattDiag_LVHSCSet_ms_M_u32p0 3109293312 CustBattDiag_LVHSCIr_ms_M_u32p0 153928832 CustBattDiag_LVLSCIr_ms_M_u32p0 603256576 CustBattDiag_LVLSCSet_ms_M_u32p0 3561910528 CustBattDiag_LVLSCIr_ms_M_u32p0 3561910528 CustBattDiag_LVLSCIr_ms_M_u32p0 3436184832 CustBattDiag_LVSMCIr_ms_M_u32p0 3461806848 CustBattDiag_LVSMSet_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(ElapsedTime_nts_u16_ElapsedTime_nts_u	CustBattDiag_LOISet_ms_M_u32p0	2721442048
CustBattDiag_LVHSCCir_ms_M_u32p0 1213805312 CustBattDiag_LVHSCSet_ms_M_u32p0 3109293312 CustBattDiag_LVHSCir_ms_M_u32p0 1539288832 CustBattDiag_LVLSCCir_ms_M_u32p0 2721442048 CustBattDiag_LVLSCCir_ms_M_u32p0 60325676 CustBattDiag_LVLSCir_ms_M_u32p0 3561910528 CustBattDiag_LVLSCir_ms_M_u32p0 3232000768 CustBattDiag_LVSMCir_ms_M_u32p0 346184832 CustBattDiag_LVSMCir_ms_M_u32p0 345184832 CustBattDiag_LVSMSet_ms_M_u32p0 345184952 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_SystemState_Mode() target_Rte_Inst_Ap_CustBattDiag_2 k_CustBattDiaglospd_kph_f32 447.945313 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 458.656982 k_LOIDetect_ms_u16p0 19638	CustBattDiag_LVCCIr_ms_M_u32p0	763576064
CustBattDiag_LVHSCSet_ms_M_u32p0 3109293312 CustBattDiag_LVHSCIr_ms_M_u32p0 1539288832 CustBattDiag_LVLSCCIr_ms_M_u32p0 2721442048 CustBattDiag_LVLSCCIr_ms_M_u32p0 603256576 CustBattDiag_LVLSCSet_ms_M_u32p0 3561910528 CustBattDiag_LVLSCIr_ms_M_u32p0 3232000768 CustBattDiag_LVSMCIr_ms_M_u32p0 346184832 CustBattDiag_LVSMCIr_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(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiag_LOlspd_kph_f32 447.945313 k_CustBattDiaglospd_kph_f32 458.656982 k_LOlDetect_ms_u16p0 19638	CustBattDiag_LVCSet_ms_M_u32p0	262666496
CustBattDiag_LVHSCIr_ms_M_u32p0 1539288832 CustBattDiag_LVLSSet_ms_M_u32p0 2721442048 CustBattDiag_LVLSCCIr_ms_M_u32p0 603256576 CustBattDiag_LVLSCSet_ms_M_u32p0 3561910528 CustBattDiag_LVLSCIr_ms_M_u32p0 3232000768 CustBattDiag_LVSMCIr_ms_M_u32p0 3461806848 CustBattDiag_LVSMSet_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(ElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime ens_u16(ElapsedTime) Rte_Call_Ap_CustBattDiag target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime Rte_Inst_Ap_CustBattDiag_SystemState_Mode() 3 447.945313 k_CustBattDiagLOlspd_kph_f32 447.945313 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	CustBattDiag_LVHSCCIr_ms_M_u32p0	1213805312
CustBattDiag_LVHSSet_ms_M_u32p0 2721442048 CustBattDiag_LVLSCCIr_ms_M_u32p0 603256576 CustBattDiag_LVLSCSet_ms_M_u32p0 3561910528 CustBattDiag_LVLSSet_ms_M_u32p0 3232000768 CustBattDiag_LVSMCIr_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(ElapsedTime_ns_u16(ElapsedTime_ns_u16_	CustBattDiag_LVHSCSet_ms_M_u32p0	3109293312
CustBattDiag_LVLSCCIr_ms_M_u32p0 3561910528 CustBattDiag_LVLSCIr_ms_M_u32p0 3232000768 CustBattDiag_LVLSSet_ms_M_u32p0 3436184832 CustBattDiag_LVSMCIr_ms_M_u32p0 3461806848 CustBattDiag_LVSMSet_ms_M_u32p0 3515421952 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) 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) target_Rte_Call_Ap_CustBattDiag_SystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Lnst_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CurrentTime target_Rte_Ca	CustBattDiag_LVHSClr_ms_M_u32p0	1539288832
CustBattDiag_LVLSCSet_ms_M_u32p0 323200768 CustBattDiag_LVLSSet_ms_M_u32p0 3436184832 CustBattDiag_LVSMCIr_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 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u16(ElapsedTime_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiagLOIspd_kph_f32 447.945313 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	CustBattDiag_LVHSSet_ms_M_u32p0	2721442048
CustBattDiag_LVLSCIr_ms_M_u32p0 3436184832 CustBattDiag_LVSMCIr_ms_M_u32p0 3461806848 CustBattDiag_LVSMSet_ms_M_u32p0 3515421952 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemState_Mode() R_CustBattDiag_SystemState_Mode() R_CustBattDiagLOIspd_kph_f32 R_CustBattDia	CustBattDiag_LVLSCCIr_ms_M_u32p0	603256576
CustBattDiag_LVLSSet_ms_M_u32p0 3461806848 CustBattDiag_LVSMSet_ms_M_u32p0 3515421952 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiagLOIspd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiagl	CustBattDiag_LVLSCSet_ms_M_u32p0	3561910528
CustBattDiag_LVSMCIr_ms_M_u32p0 3461806848 CustBattDiag_LVSMSet_ms_M_u32p0 3515421952 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiagLOIspd_kph_f32 447.945313 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	CustBattDiag_LVLSClr_ms_M_u32p0	3232000768
CustBattDiag_LVSMSet_ms_M_u32p0 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiag_SystemState_Mode() k_CustBattDiagLOlspd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_DolDetect_ms_u16p0 3515421952 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_Current	CustBattDiag_LVLSSet_ms_M_u32p0	3436184832
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiag_SystemState_Mode() k_CustBattDiagLOlspd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_DolDetect_ms_u16p0 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime	CustBattDiag_LVSMClr_ms_M_u32p0	3461806848
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiag_SystemState_Mode() k_CustBattDiagLOlspd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_DolDetect_ms_u16p0 19638	CustBattDiag_LVSMSet_ms_M_u32p0	3515421952
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) Rte_Inst_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiag_SystemState_Mode() k_CustBattDiagLOlspd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_CustBattDiaglospd_kph_f32 k_DolDetect_ms_u16p0 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemTime_MS_u32_CurrentTime target_Rte_Call_Ap_CustBattDiag_SystemSize target_Rte_Call_Ap_CustBattDiag_Syst	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Inst_Ap_CustBattDiag target_Rte_Inst_Ap_CustBattDiag_2 Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiagLOlspd_kph_f32 447.945313 k_CustBattDiaghispd_kph_f32 367.311859 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiagLOlspd_kph_f32 447.945313 k_CustBattDiaghispd_kph_f32 367.311859 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
k_CustBattDiagLOlspd_kph_f32 447.945313 k_CustBattDiaghispd_kph_f32 367.311859 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
k_CustBattDiaghispd_kph_f32 367.311859 k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
k_CustBattDiaglospd_kph_f32 458.656982 k_LOIDetect_ms_u16p0 19638	k_CustBattDiagLOIspd_kph_f32	447.945313
k_LOIDetect_ms_u16p0 19638	k_CustBattDiaghispd_kph_f32	367.311859
	k_CustBattDiaglospd_kph_f32	458.656982
k LOINotDetect ms u16p0 44195	k_LOIDetect_ms_u16p0	19638
and the same and t	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_worldp0	4495		
	896		
k_LVLSCNotDetect_Volts_u10p6	0		
<pre><_LVLSCNotDetect_ms_u16p0</pre>			
<_LVLSDetect_Volts_u10p6	384		
CLVLSDetect_ms_u16p0 CLVLSDetect_ms_u16p0	47494		
CLVLSNotDetect_Volts_u10p6	896		
C_LVLSNotDetect_ms_u16p0	62893		
C_LVSMDetect_Volts_u10p6	384		
c_LVSMDetect_ms_u16p0	52622		
C_LVSMNotDetect_Volts_u10p6	896		
c_LVSMNotDetect_ms_u16p0	49478		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	5.93387365		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
arget_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_Ela	p 54236		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer	nt 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		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0	3	
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Ci	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_			
rarget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32		0	
Name	laidel Cusibalibiad Feiz Veriiclesbeed r	(ph f32	
CustBattDiag LOICIr ms M u32p0	target_CustBattDiag_Per2_VehicleSpeed_k	The second secon	Ros
SustBattDiag_EOTCII_HIS_IVI_u32p0	Actual Value	Expected Value	Res
SuptRattDiag LOICet ma M u22n0	Actual Value 2546165504	Expected Value 2546165504	Res
· ·	Actual Value 2546165504 2546165504	Expected Value 2546165504 2546165504	Res
CustBattDiag_LVCCIr_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504	2546165504 2546165504 2546165504	Res
CustBattDiag_LVCClr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496	Expected Value 2546165504 2546165504 2546165504 262666496	Res
CustBattDiag_LVCClr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCClr_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504	Res
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312	Res
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832	Res
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048	Res
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCir_ms_M_u32p0 CustBattDiag_LVLSCCir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCcir_ms_M_u32p0 CustBattDiag_LVLSCCir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	Actual Value 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768	Res
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	Actual Value 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCir_ms_M_u32p0 CustBattDiag_LVSMCir_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848	Res
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	Actual Value 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832	Res
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCCir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCir_ms_M_u32p0 CustBattDiag_LVSMcir_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCcir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMcir_ms_M_u32p0 CustBattDiag_LVSMcir_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCcir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMcir_ms_M_u32p0 CustBattDiag_LVSMcir_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCcir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMcIr_ms_M_u32p0 CustBattDiag_LVSMcIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCcir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSSet_ms_M_u32p0 CustBattDiag_LVSMcIr_ms_M_u32p0 CustBattDiag_LVSMcIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_u08	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 153928832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01 0xE3	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01 0xE3	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCir_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCset_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCir_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01	Res
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCir_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLSCir_ms_M_u32p0 CustBattDiag_LVLScir_ms_M_u32p0 CustBattDiag_LVLScir_ms_M_u32p0 CustBattDiag_LVSMCir_ms_M_u32p0 CustBattDiag_LVSMCir_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 SustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08	Actual Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01	Expected Value 2546165504 2546165504 2546165504 262666496 2546165504 3109293312 1539288832 2721442048 2546165504 3561910528 3232000768 3436184832 3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01	Res



Т				V
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_LOICIr_ms_M_u32p0	2379986432
CustBattDiag_LOISet_ms_M_u32p0	1944127488
CustBattDiag_LVCCIr_ms_M_u32p0	1523648000
CustBattDiag_LVCSet_ms_M_u32p0	1204475904
CustBattDiag LVHSCCIr ms M u32p0	52374016
CustBattDiag_LVHSCSet_ms_M_u32p0	3289816064
CustBattDiag_LVHSCIr_ms_M_u32p0	2379986432
CustBattDiag_LVHSSet_ms_M_u32p0	1944127488
CustBattDiag LVLSCCIr ms M u32p0	2220613120
CustBattDiag_LVLSCSet_ms_M_u32p0	3384242176
CustBattDiag_LVLSCIr_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(ElapsedTi	
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
_CustBattDiagLOlspd_kph_f32	464.272766
_CustBattDiaghispd_kph_f32	34.1756287
_CustBattDiaglospd_kph_f32	32.7341576 20862
_LOIDetect_ms_u16p0	
_LOINotDetect_ms_u16p0	29521
_LVCDetect_Volts_u10p6	1408
_LVCNotPotect_ms_u16p0	53171 1920
<pre>C_LVCNotDetect_Volts_u10p6</pre>	
_LVCNotDetect_ms_u16p0	24622
_LVHSCDetect_Volts_u10p6	704
_LVHSCDetect_ms_u16p0	17339
_LVHSCNotDetect_Volts_u10p6	1920
_LVHSCNotDetect_ms_u16p0	44507
_LVHSDetect_Volts_u10p6	1408
_LVHSDetect_ms_u16p0	34600
_LVHSNotDetect_Volts_u10p6	1920
_LVHSNotDetect_ms_u16p0	28186
_LVLSCDetect_Volts_u10p6	1408
_LVLSCDetect_ms_u16p0	15269
_LVLSCNotDetect_Volts_u10p6	1920
_LVLSCNotDetect_ms_u16p0	65535
_LVLSDetect_Volts_u10p6	1408
_LVLSDetect_ms_u16p0	51680
_LVLSNotDetect_Volts_u10p6	1920
_LVLSNotDetect_ms_u16p0	23170
_LVSMDetect_Volts_u10p6	1408
_LVSMDetect_ms_u16p0	38888
_LVSMNotDetect_Volts_u10p6	1920
x_LVSMNotDetect_ms_u16p0	13527
arget_CustBattDiag_Per2_Batt_Volt_f32.value	18.6394577
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1



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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ig\\$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSSet_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	~

Т				V
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_LOICIr_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_LVHSSet_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_LVSMCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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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CustBattDiag_Per2 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 1920 k LVSMNotDetect Volts u10p6 k_LVSMNotDetect_ms_u16p0 6335 target_CustBattDiag_Per2_Batt_Volt_f32.value 22.8931293 $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 6 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$ 0 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value 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_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.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_Is_target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Is_ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

m. 2 - 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	m.3m	4	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4081391872	4081391872	~
CustBattDiag_LOISet_ms_M_u32p0	4081391872	4081391872	•
CustBattDiag_LVCCIr_ms_M_u32p0	650359040	650359040	✓
CustBattDiag_LVCSet_ms_M_u32p0	1167997696	1167997696	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	2204714240	2204714240	~
CustBattDiag_LVHSCSet_ms_M_u32p0	2764762880	2764762880	~
CustBattDiag_LVHSCIr_ms_M_u32p0	1415815424	1415815424	~
CustBattDiag_LVHSSet_ms_M_u32p0	370912000	370912000	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	58927360	58927360	~
CustBattDiag_LVLSCSet_ms_M_u32p0	3493360384	3493360384	•
CustBattDiag_LVLSClr_ms_M_u32p0	1288584448	1288584448	•
CustBattDiag_LVLSSet_ms_M_u32p0	2967906048	2967906048	~
CustBattDiag_LVSMClr_ms_M_u32p0	1385516288	1385516288	~
CustBattDiag LVSMSet ms M u32p0	166213376	166213376	✓

Τ				✓
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_LVCCIr_ms_M_u32p0	928493568
CustBattDiag_LVCSet_ms_M_u32p0	0
CustBattDiag_LVHSCCIr_ms_M_u32p0	1622602752
CustBattDiag_LVHSCSet_ms_M_u32p0	4021941760
CustBattDiag_LVHSClr_ms_M_u32p0	1513611264
CustBattDiag_LVHSSet_ms_M_u32p0	3652698624
CustBattDiag_LVLSCCIr_ms_M_u32p0	351881216
CustBattDiag_LVLSCSet_ms_M_u32p0	4169230848
CustBattDiag_LVLSCIr_ms_M_u32p0	3999796224
CustBattDiag_LVLSSet_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16) = 0.000 + 0$	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_SystemTi	me_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	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 768		
k_LVLSNotDetect_Volts_u10p6	42993		
k_LVLSNotDetect_ms_u16p0	1984		
k_LVSMDetect_Volts_u10p6 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			
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 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	lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$	target_CustBattDiag_Per2_VehicleSpeedVali	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_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	•
	4021941760	4021941760	•
CustBattDiag_LVHSCSet_ms_M_u32p0			
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	1513611264	1513611264	
	1513611264 3652698624	1513611264 3652698624	-
CustBattDiag_LVHSClr_ms_M_u32p0			•
CustBattDiag_LVHSClr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	3652698624	3652698624	•
CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0	3652698624 351881216	3652698624 351881216	
CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	3652698624 351881216 4169230848	3652698624 351881216 4169230848	
CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	3652698624 351881216 4169230848 3999796224	3652698624 351881216 4169230848 3999796224	

Τ				✓
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 2.111 (Repeat Count = 1)			~
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	3967230720		
CustBattDiag_LOISet_ms_M_u32p0	3221191936		
CustBattDiag_LVCCIr_ms_M_u32p0	1482142464		
CustBattDiag_LVCSet_ms_M_u32p0	4294967295 1581901568		
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	2009653504		
CustBattDiag_LVHSCIr ms M u32p0	3967230720		
CustBattDiag LVHSSet ms M u32p0	3221191936		
CustBattDiag_LVLSCCIr_ms_M_u32p0	3822250752		
CustBattDiag_LVLSCSet_ms_M_u32p0	4232217856		
CustBattDiag_LVLSClr_ms_M_u32p0	2006359808		
CustBattDiag_LVLSSet_ms_M_u32p0	662853888		
CustBattDiag_LVSMCIr_ms_M_u32p0	2316709632		
CustBattDiag_LVSMSet_ms_M_u32p0	3943721216		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	Ime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2 2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 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_u10p0	17701 1536		
k_LVHSDetect_Volts_u10p6 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 k_LVSMDetect_ms_u16p0	1536 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_lgc.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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	455367424	455367424	Nesul
CustBattDiag_LOISet_ms_M_u32p0	3221191936	3221191936	
CustBattDiag LVCCIr ms M u32p0	455367424	455367424	
CustBattDiag_LVCSet ms M u32p0	4294967295	4294967295	
CustBattDiag_LVHSCCIr_ms_M_u32p0	455367424	455367424	
CustBattDiag_LVHSCSet_ms_M_u32p0	455367424	455367424	•

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CustBattDiag_LVHSCIr_ms_M_u32p0





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_LVLSSet_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 LOICIr ms M u32p0	981817856
CustBattDiag LOISet ms M u32p0	3923004416
CustBattDiag LVCCIr ms M u32p0	3978537472
CustBattDiag_LVCSet_ms_M_u32p0	1932762112
CustBattDiag_LVHSCCIr_ms_M_u32p0	2501709312
CustBattDiag LVHSCSet ms M u32p0	352854016
CustBattDiag LVHSCIr ms M u32p0	981817856
CustBattDiag LVHSSet ms M u32p0	3923004416
CustBattDiag_LVLSCCIr_ms_M_u32p0	1569849856
CustBattDiag LVLSCSet ms M u32p0	3945477120
CustBattDiag LVLSCIr ms M u32p0	2182538752
CustBattDiag LVLSSet ms M u32p0	3787175936
CustBattDiag_LVSMCIr_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_LVCDetect_ms_u16p0	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_LVLSCNotDetect_Volts_u10p6	1088
k_LVLSCNotDetect_ms_u16p0	60904
k_LVLSDetect_Volts_u10p6	1408

CustBattDiag_LVHSSet_ms_M_u32p0

CustBattDiag_LVLSCCIr_ms_M_u32p0

CustBattDiag_LVLSCSet_ms_M_u32p0

CustBattDiag_LVLSCIr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2			MACILAG
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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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	~

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	~

3923004416

1569849856

3945477120

2182538752

3787175936

2094544384

592545792

3923004416

1569849856

3945477120

2182538752

3787175936

2094544384

592545792

CustBattDiag_LOICir_ms_M_u32p0 1911993600 CustBattDiag_LVCCir_ms_M_u32p0 2253512448 CustBattDiag_LVCCet_ms_M_u32p0 1268870912 CustBattDiag_LVHSCCIr_ms_M_u32p0 2449447168 CustBattDiag_LVHSCCIr_ms_M_u32p0 1911993600 CustBattDiag_LVHSCSc_ms_M_u32p0 1911993600 CustBattDiag_LVHSCCIr_ms_M_u32p0 1911993600 CustBattDiag_LVLSCCIr_ms_M_u32p0 2253512448 CustBattDiag_LVLSCCIr_ms_M_u32p0 1836104960 CustBattDiag_LVLSCCIr_ms_M_u32p0 3756861184 CustBattDiag_LVLSCSc_ms_M_u32p0 2691830016 CustBattDiag_LVLSSct_ms_M_u32p0 2691830016 CustBattDiag_LVSSc_ms_M_u32p0 3544947456 CustBattDiag_LVSMCIr_ms_M_u32p0 426647808 CustBattDiag_LVSMSc_ms_M_u32p0 426647808 CustBattDiag_LVSMSc_ms_M_u32p0 1774856960 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_ms_u16(ElapsedTime_	T (0) 0440/D (0)	
CustBattDiag_LOICir_ms_M_u32p0 1911993600 CustBattDiag_LVCCir_ms_M_u32p0 2253512448 CustBattDiag_LVCCEt_ms_M_u32p0 1268870912 CustBattDiag_LVHSCCIr_ms_M_u32p0 2449447168 CustBattDiag_LVHSCCIr_ms_M_u32p0 1292264192 CustBattDiag_LVHSCIr_ms_M_u32p0 1911993600 CustBattDiag_LVHSCIr_ms_M_u32p0 1911993600 CustBattDiag_LVLSCCIr_ms_M_u32p0 2253512448 CustBattDiag_LVLSCCIr_ms_M_u32p0 1836104960 CustBattDiag_LVLSCCIr_ms_M_u32p0 3756861184 CustBattDiag_LVLSCSIr_ms_M_u32p0 2691830016 CustBattDiag_LVLSSCIr_ms_M_u32p0 3544947456 CustBattDiag_LVSSCIr_ms_M_u32p0 426647808 CustBattDiag_LVSMSCIr_ms_M_u32p0 426647808 CustBattDiag_LVSMScIr_ms_M_u32p0 474856960 Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime_trace_Title_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Inst_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Litle_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Inst_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Inst_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_trace_Title_Ca		<u> </u>
CustBattDiag_LOISet_ms_M_u32p0 2253512448 CustBattDiag_LVCCIr_ms_M_u32p0 1268870912 CustBattDiag_LVHSCOr_ms_M_u32p0 2449447168 CustBattDiag_LVHSCIr_ms_M_u32p0 1292264192 CustBattDiag_LVHSCIr_ms_M_u32p0 1911993600 CustBattDiag_LVHSCIr_ms_M_u32p0 2253512448 CustBattDiag_LVLSCIr_ms_M_u32p0 1836104960 CustBattDiag_LVLSCIr_ms_M_u32p0 3756861184 CustBattDiag_LVLSCIr_ms_M_u32p0 364947456 CustBattDiag_LVSSet_ms_M_u32p0 3544947456 CustBattDiag_LVSMCir_ms_M_u32p0 426647808 CustBattDiag_LVSMet_ms_M_u32p0 426647808 CustBattDiag_LVSMet_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(ElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_ElapsedTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_ms_u32_CurrentTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u32_CurrentTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_CurrentTime_target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_Ms_u32_CurrentTime_target_Rte_Call_Ap_CustBattDia	Name	Input Value
CustBattDiag_LVCCIr_ms_M_u32p0 1268870912 CustBattDiag_LVHSCCIr_ms_M_u32p0 2449447168 CustBattDiag_LVHSCCIr_ms_M_u32p0 1292264192 CustBattDiag_LVHSCSet_ms_M_u32p0 1911993600 CustBattDiag_LVHSCGIr_ms_M_u32p0 2253512448 CustBattDiag_LVLSCCIr_ms_M_u32p0 1836104960 CustBattDiag_LVLSCSet_ms_M_u32p0 3756861184 CustBattDiag_LVLSCIr_ms_M_u32p0 2691830016 CustBattDiag_LVLSCIr_ms_M_u32p0 3544947456 CustBattDiag_LVSMCIr_ms_M_u32p0 426647808 CustBattDiag_LVSMSet_ms_M_u32p0 426647808 CustBattDiag_LVSMSet_ms_M_u32p0 1774866960 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_SystemState_Mode() 3 k_CustBattDiaglospd_kph_f32 351.735474 k_CustBattDiaglospd_kph_f32 351.735474 k_CustBattDiaglospd_kph_f32	CustBattDiag_LOIClr_ms_M_u32p0	1911993600
CustBattDiag_LVCSet_ms_M_u32p0 1268870912 CustBattDiag_LVHSCCIr_ms_M_u32p0 2449447168 CustBattDiag_LVHSCSet_ms_M_u32p0 1292264192 CustBattDiag_LVHSCIr_ms_M_u32p0 1911993600 CustBattDiag_LVLSCIr_ms_M_u32p0 2253512448 CustBattDiag_LVLSCSet_ms_M_u32p0 1836104960 CustBattDiag_LVLSCSet_ms_M_u32p0 3756861184 CustBattDiag_LVLSCIr_ms_M_u32p0 2691830016 CustBattDiag_LVSMCIr_ms_M_u32p0 3544947456 CustBattDiag_LVSMSet_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(ElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_ms_u16_ElapsedTime Rte_Call_Ap_CustBattDiag_SystemState_Mode() 3 k_CustBattDiaghspd_kph_f32 351.735474 k_CustBattDiaghispd_kph_f32 186.599895 k_CustBattDiaghospd_kph_f32 186.194519 k_LOIDetect_ms_u16p0 11979	CustBattDiag_LOISet_ms_M_u32p0	2253512448
CustBattDiag_LVHSCCIr_ms_M_u32p0 2449447168 CustBattDiag_LVHSCSet_ms_M_u32p0 1292264192 CustBattDiag_LVHSCScr_ms_M_u32p0 1911993600 CustBattDiag_LVLSCCIr_ms_M_u32p0 255512448 CustBattDiag_LVLSCF_ms_M_u32p0 376861184 CustBattDiag_LVLSCIr_ms_M_u32p0 2691830016 CustBattDiag_LVLSCIr_ms_M_u32p0 3544947456 CustBattDiag_LVSMCIr_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(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_SystemState_Mode() 3 k_CustBattDiagLOlspd_kph_f32 351.735474 k_CustBattDiaglospd_kph_f32 186.596985 k_CustBattDiaglospd_kph_f32 156.194519 k_LOllbetect_ms_u16p0 11979	CustBattDiag_LVCClr_ms_M_u32p0	0
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CustBattDiag_LVHSCIr_ms_M_u32p0 1911993600 CustBattDiag_LVLSSet_ms_M_u32p0 2253512448 CustBattDiag_LVLSCCIr_ms_M_u32p0 1836104960 CustBattDiag_LVLSCSet_ms_M_u32p0 3756861184 CustBattDiag_LVLSCIr_ms_M_u32p0 2691830016 CustBattDiag_LVSMCIr_ms_M_u32p0 3544947456 CustBattDiag_LVSMCIr_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(ElapsedTime target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime ens_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_SystemState_Mode() 3 k_CustBattDiagLOlspd_kph_f32 351.735474 k_CustBattDiaglospd_kph_f32 186.596985 k_CustBattDiaglospd_kph_f32 156.194519 k_LOIDetect_ms_u16p0 11979	CustBattDiag_LVHSCCIr_ms_M_u32p0	2449447168
CustBattDiag_LVHSSet_ms_M_u32p0 2253512448 CustBattDiag_LVLSCCIr_ms_M_u32p0 1836104960 CustBattDiag_LVLSCSet_ms_M_u32p0 3756861184 CustBattDiag_LVLSCIr_ms_M_u32p0 2691830016 CustBattDiag_LVSMCIr_ms_M_u32p0 3544947456 CustBattDiag_LVSMSet_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(ElapsedTime_ns_u16(ElapsedTime_ns_u16_ElapsedTime_ns_u16	CustBattDiag_LVHSCSet_ms_M_u32p0	1292264192
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LOIDetect_ms_u16p0 11979	k_CustBattDiaghispd_kph_f32	186.596985
	k_CustBattDiaglospd_kph_f32	156.194519
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2015-04-21, 11:43:03+0530



CustBattDiag_Per2	1, 11:43:03+0530		Razorcat
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_LVLSCNotDetect_Volts_u10p6	1664		
k_LVLSCNotDetect_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_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	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_Ela	p 10617		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer			
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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt			
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeed Kph f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1959636224	1959636224	- 100uii
CustBattDiag_LOISet_ms_M_u32p0	1959636224	1959636224	
CustBattDiag_LVCClr_ms_M_u32p0	0	0	
CustBattDiag LVCSet ms M u32p0	1268870912	1268870912	
CustBattDiag LVHSCCIr ms M u32p0	2449447168	2449447168	
CustBattDiag_LVHSCSet_ms_M_u32p0	1959636224	1959636224	
CustBattDiag_LVHSCIr_ms_M_u32p0	1911993600	1911993600	
CustBattDiag_LVHSCet_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	2253512448	2253512448	
	1836104960	1836104960	
CustBattDiag_LVLSCCIr_ms_M_u32p0	1959636224	1959636224	
CustBattDiag_LVLSCSet_ms_M_u32p0			
CustBattDiag_LVLSCIr_ms_M_u32p0	2691830016	2691830016	
CustBattDiag_LVLSSet_ms_M_u32p0	3544947456	3544947456	✓

Т				V
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	_

426647808

1774856960

426647808

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

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

TEST DETAILS REPORT 2015-04-21, 11:43:03+0530 CustBattDiag Per2 Input Value CustBattDiag_LOISet_ms_M_u32p0 1390749184 4294967295 CustBattDiag_LVCCIr_ms_M_u32p0 1966503424 CustBattDiag LVCSet ms M u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 658765824 CustBattDiag_LVHSCSet_ms_M_u32p0 1708628480 CustBattDiag_LVHSClr_ms_M_u32p0 3603866624 CustBattDiag_LVHSSet_ms_M_u32p0 1390749184 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 914394112 CustBattDiag_LVLSCSet_ms_M_u32p0 2905820672 $CustBattDiag_LVLSCIr_ms_M_u32p0$ 4224487424 2380788224 CustBattDiag_LVLSSet_ms_M_u32p0 1427660800 $CustBattDiag_LVSMClr_ms_M_u32p0$ CustBattDiag_LVSMSet_ms_M_u32p0 3098296832 $Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)$ target Rte Call Ap CustBattDiag EpsEn OP GET signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$ $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime$ Rte_Inst_Ap_CustBattDiag target_Rte_Inst_Ap_CustBattDiag_2 Rte_Mode_Ap_CustBattDiag_SystemState_Mode() $k_CustBattDiagLOlspd_kph_f32$ 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 53693 k_LVCDetect_ms_u16p0 k_LVCNotDetect_Volts_u10p6 54346 k LVCNotDetect ms u16p0 k_LVHSCDetect_Volts_u10p6 960 k_LVHSCDetect_ms_u16p0 32654 k_LVHSCNotDetect_Volts_u10p6 0 33675 k LVHSCNotDetect ms u16p0 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 8453 k_LVLSCDetect_ms_u16p0 k_LVLSCNotDetect_Volts_u10p6 k_LVLSCNotDetect_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 45315 k_LVSMNotDetect_ms_u16p0

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 An CustBattDiag 2 CustBattDiag Per2 Batt Volt f32	target CustBattDiag Per2 Batt Volt f32

 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Name **Expected Value** Result CustBattDiag_LOICIr_ms_M_u32p0 3603866624 3603866624 2735104 2735104 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 4294967295 4294967295 2735104 2735104 CustBattDiag LVCSet ms M u32p0 CustBattDiag_LVHSCCIr_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

914394112

2735104

target_CustBattDiag_Per2_EngOn_Cnt_lgc

target_CustBattDiag_Per2_EtatMT_Cnt_u08

target_CustBattDiag_Per2_SttdSelected_Cnt_lgc

 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$

914394112 2735104

CustBattDiag_LVLSCCIr_ms_M_u32p0

CustBattDiag_LVLSCSet_ms_M_u32p0

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08

 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$

 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSCIr_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	•

Τ				V
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	~

Test Step 2.115 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	918738688
CustBattDiag_LOISet_ms_M_u32p0	923226368
CustBattDiag_LVCCIr_ms_M_u32p0	1265889024
CustBattDiag_LVCSet_ms_M_u32p0	2035507456
CustBattDiag LVHSCCIr ms M u32p0	1941101312
CustBattDiag LVHSCSet ms M u32p0	150992128
CustBattDiag_LVHSCIr_ms_M_u32p0	918738688
CustBattDiag LVHSSet ms M u32p0	923226368
CustBattDiag LVLSCCIr ms M u32p0	2706185984
CustBattDiag_LVLSCSet_ms_M_u32p0	1924978944
CustBattDiag LVLSCIr ms M u32p0	1987646208
CustBattDiag_LVLSSet_ms_M_u32p0	3761171712
CustBattDiag LVSMCIr 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(Elapsed	
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
CustBattDiagLOIspd kph f32	125.618988
_CustBattDiaghispd_kph_f32	69.2848663
CustBattDiaglospd kph f32	2.6912508
LOIDetect ms u16p0	33421
LOINotDetect_ms_u16p0	33571
LVCDetect Volts u10p6	320
:_LVCDetect_voits_u10p0	63388
	1088
_LVCNotDetect_Volts_u10p6	30320
_LVCNotDetect_ms_u16p0	
_LVHSCDetect_Volts_u10p6	1472
_LVHSCDetect_ms_u16p0	19690
_LVHSCNotDetect_Volts_u10p6	1088
_LVHSCNotDetect_ms_u16p0	10604
_LVHSDetect_Volts_u10p6	320
_LVHSDetect_ms_u16p0	62371
_LVHSNotDetect_Volts_u10p6	1088
LVHSNotDetect_ms_u16p0	38209
<pre>C_LVLSCDetect_Volts_u10p6</pre>	320
_LVLSCDetect_ms_u16p0	13493
_LVLSCNotDetect_Volts_u10p6	1088
_LVLSCNotDetect_ms_u16p0	59393
_LVLSDetect_Volts_u10p6	320
_LVLSDetect_ms_u16p0	23513
z_LVLSNotDetect_Volts_u10p6	1088
_LVLSNotDetect_ms_u16p0	26966
z_LVSMDetect_Volts_u10p6	320
_LVSMDetect_ms_u16p0	49838
_LVSMNotDetect_Volts_u10p6	1088

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	44686		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current to the control of the $	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		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	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_LOICIr_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_LVHSClr_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_LVLSClr_ms_M_u32p0	1987646208	1987646208	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3761171712	3761171712	~
CustBattDiag_LVSMClr_ms_M_u32p0	500540160	500540160	✓

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 LOICIr ms M u32p0	1534213632
CustBattDiag LOISet ms M u32p0	487378944
CustBattDiag_LVCCIr_ms_M_u32p0	2290716160
CustBattDiag_LVCSet_ms_M_u32p0	1516806144
CustBattDiag_LVHSCClr_ms_M_u32p0	1504850432
CustBattDiag_LVHSCSet_ms_M_u32p0	3333612544
CustBattDiag_LVHSClr_ms_M_u32p0	1534213632
CustBattDiag_LVHSSet_ms_M_u32p0	487378944
CustBattDiag_LVLSCCIr_ms_M_u32p0	4277364224
CustBattDiag_LVLSCSet_ms_M_u32p0	168572928
CustBattDiag_LVLSClr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	m 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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	1		
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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	· · · · · · · · · · · · · · · · · · ·		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSSet_ms_M_u32p0	487378944	487378944	~
CustBattDiag_LVLSCClr_ms_M_u32p0	4277364224	4277364224	~
CustBattDiag_LVLSCSet_ms_M_u32p0	168572928	168572928	~
CustBattDiag_LVLSCIr_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	~

Τ				V
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_LOICIr_ms_M_u32p0	1337985280	
CustBattDiag_LOISet_ms_M_u32p0	1673024256	
CustBattDiag_LVCClr_ms_M_u32p0	163191040	
CustBattDiag_LVCSet_ms_M_u32p0	2665800448	
CustBattDiag_LVHSCCIr_ms_M_u32p0	1976577280	
CustBattDiag_LVHSCSet_ms_M_u32p0	1209407232	
CustBattDiag_LVHSClr_ms_M_u32p0	1337985280	
CustBattDiag_LVHSSet_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
CustBattDiag_LVSMSat_s

Name	Input Value		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_0		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTir			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	"ime_GetSystemTime_mS_u32_Current"	Time
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_Igc.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 Ela	p 11164		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer	nt 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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr	ıt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Resu
CustBattDiag_LOICIr_ms_M_u32p0	1337985280	1337985280	
CustBattDiag_LOISet_ms_M_u32p0	1673024256	1673024256	
CustBattDiag_LVCCIr_ms_M_u32p0	163191040	163191040	
CustBattDiag_LVCSet_ms_M_u32p0	2665800448	2665800448	
CustBattDiag_LVHSCCIr_ms_M_u32p0	1976577280	1976577280	
CustBattDiag_LVHSCSet_ms_M_u32p0	1209407232	1209407232	
CustBattDiag_LVHSCIr_ms_M_u32p0	725909760	725909760	
CustBattDiag LVHSSet ms M u32p0	725909760	725909760	
CustBattDiag_LVLSCCIr ms M u32p0	1004310784	1004310784	
CustBattDiag_LVLSCSet_ms_M_u32p0	1012538112	1012538112	
2401.D411.D14_L4.C00001_1110_141_402-p0	725909760	725909760	
CuetRattDiag I VI SCIr me M u32n0	120000100	120000100	
CustBattDiag_LVLSCIr_ms_M_u32p0	3084370648	3084370648	
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	3984379648 2454271232	3984379648 2454271232	



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_LOICIr_ms_M_u32p0	3150096384
CustBattDiag_LOISet_ms_M_u32p0	2508311040
CustBattDiag_LVCCIr_ms_M_u32p0	3390339072
CustBattDiag_LVCSet_ms_M_u32p0	171710976
CustBattDiag_LVHSCCIr_ms_M_u32p0	656555008
CustBattDiag_LVHSCSet_ms_M_u32p0	2222489088
CustBattDiag_LVHSCIr_ms_M_u32p0	3150096384
CustBattDiag_LVHSSet_ms_M_u32p0	2508311040
CustBattDiag_LVLSCCIr_ms_M_u32p0	4086108160
CustBattDiag_LVLSCSet_ms_M_u32p0	2898031104
CustBattDiag_LVLSCIr_ms_M_u32p0	1037718528
CustBattDiag_LVLSSet_ms_M_u32p0	3039057408
CustBattDiag_LVSMClr_ms_M_u32p0	3755418624
custBattDiag_LVSMSet_ms_M_u32p0	3753833984
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapse	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime_ms_u32)	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3
_CustBattDiagLOIspd_kph_f32	216.06485
_CustBattDiaghispd_kph_f32	223.573212
	402.131531
LOIDetect ms u16p0	19653
LOINotDetect ms u16p0	29940
_LVCDetect_Volts_u10p6	512
_LVCDetect_ms_u16p0	61081
_LVCNotDetect_Volts_u10p6	128
LVCNotDetect_voils_u10p0	16984
,	1536
_LVHSCDetect_Volts_u10p6	62624
x_LVHSCDetect_ms_u16p0	
_LVHSCNotDetect_Volts_u10p6	128
_LVHSCNotDetect_ms_u16p0	25848
_LVHSDetect_Volts_u10p6	512
_LVHSDetect_ms_u16p0	18058
x_LVHSNotDetect_Volts_u10p6	128
_LVHSNotDetect_ms_u16p0	24026
_LVLSCDetect_Volts_u10p6	512
_LVLSCDetect_ms_u16p0	26399
_LVLSCNotDetect_Volts_u10p6	128
_LVLSCNotDetect_ms_u16p0	50073
_LVLSDetect_Volts_u10p6	512
_LVLSDetect_ms_u16p0	42930
_LVLSNotDetect_Volts_u10p6	128
_LVLSNotDetect_ms_u16p0	25095
_LVSMDetect_Volts_u10p6	512
_LVSMDetect_ms_u16p0	40091
_LVSMNotDetect_Volts_u10p6	128
_LVSMNotDetect_ms_u16p0	65219
rrget_CustBattDiag_Per2_Batt_Volt_f32.value	31
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
arget CustBattDiag Per2 VehicleSpeed Kph f32.value	8.39233589
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
arget_rte_call_xp_custbattDiag_2potin_or_cstr_digital arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	





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_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	:_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4044701696	4044701696	~
CustBattDiag_LOISet_ms_M_u32p0	4044701696	4044701696	~
CustBattDiag_LVCCIr_ms_M_u32p0	3390339072	3390339072	~
CustBattDiag_LVCSet_ms_M_u32p0	171710976	171710976	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	656555008	656555008	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4044701696	4044701696	~
CustBattDiag_LVHSCIr_ms_M_u32p0	3150096384	3150096384	~
CustBattDiag_LVHSSet_ms_M_u32p0	2508311040	2508311040	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	4086108160	4086108160	~
CustBattDiag_LVLSCSet_ms_M_u32p0	4044701696	4044701696	~
CustBattDiag_LVLSCIr_ms_M_u32p0	1037718528	1037718528	~
CustBattDiag_LVLSSet_ms_M_u32p0	3039057408	3039057408	~
CustBattDiag_LVSMCIr_ms_M_u32p0	3755418624	3755418624	~
CustBattDiag_LVSMSet_ms_M_u32p0	3753833984	3753833984	~

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				_
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_LOICIr_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_LVHSSet_ms_M_u32p0	515990784
CustBattDiag_LVLSCCIr_ms_M_u32p0	825725696
CustBattDiag_LVLSCSet_ms_M_u32p0	1974562048
CustBattDiag_LVLSCIr_ms_M_u32p0	207603456
CustBattDiag_LVLSSet_ms_M_u32p0	1225376000
CustBattDiag_LVSMCIr_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(ElapsedTir	n 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
CustBattDiagLOIspd_kph_f32	109.648033
CustBattDiaghispd_kph_f32	189.885803
CustBattDiaglospd_kph_f32	375.930176
C_LOIDetect_ms_u16p0	19093
_LOINotDetect_ms_u16p0	23041
_LVCDetect_Volts_u10p6	1408
C_LVCDetect_ms_u16p0	27291
_LVCNotDetect_Volts_u10p6	1920
C_LVCNotDetect_ms_u16p0	31572
_LVHSCDetect_Volts_u10p6	1280
C_LVHSCDetect_ms_u16p0	21316
<pre>c_LVHSCNotDetect_Volts_u10p6</pre>	1920
C_LVHSCNotDetect_ms_u16p0	4148
k_LVHSDetect_Volts_u10p6	1408

CustBattDiag_Per2

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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_LVLSNotDetect_Volts_u10p6 1920 56918 k_LVLSNotDetect_ms_u16p0 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 $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ 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 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 23271 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current | 3579773696 target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.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_lg 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 LOICIr ms M u32p0 3579773696 3579773696 CustBattDiag_LOISet_ms_M_u32p0 3579773696 3579773696 CustBattDiag LVCClr ms M u32p0 3579773696 3579773696 CustBattDiag_LVCSet_ms_M_u32p0 1305638144 1305638144 CustBattDiag_LVHSCCIr_ms_M_u32p0 3579773696 3579773696 CustBattDiag_LVHSCSet_ms_M_u32p0 3182250240 3182250240 CustBattDiag_LVHSClr_ms_M_u32p0 1291242240 1291242240 CustBattDiag_LVHSSet_ms_M_u32p0 515990784 515990784 CustBattDiag_LVLSCCIr_ms_M_u32p0 3579773696 3579773696 1974562048 1974562048 CustBattDiag LVLSCSet ms M u32p0 CustBattDiag_LVLSClr_ms_M_u32p0 207603456 207603456 CustBattDiag_LVLSSet_ms_M_u32p0 1225376000 1225376000

T				9
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	_

4008825088

0xF8

0x00

0x00

0xE3

0x01

0x01

0

0xF8

0x00

0x00

0xE3

0x01

0x01

4008825088

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

 $NTC_Cnt_T_enum$

Param_Cnt_T_u08

Status Cnt T enum

NTC_Cnt_T_enum

Param Cnt T u08

Status_Cnt_T_enum

✓





Test Step 2.120 (Repeat Count = 1)			V
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	161899008		
CustBattDiag_LOISet_ms_M_u32p0	2536412160		
CustBattDiag_LVCClr_ms_M_u32p0	3339104768		
CustBattDiag_LVCSet_ms_M_u32p0	1648059392		
CustBattDiag_LVHSCCIr_ms_M_u32p0	606246400		
CustBattDiag_LVHSCSet_ms_M_u32p0	3069896704		
CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	161899008 2536412160		
CustBattDiag_LVLSCCIr_ms_M_u32p0	973343232		
CustBattDiag_LVLSCSet ms M u32p0	1014922240		
CustBattDiag_LVLSCIr_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_C	P_GET_signal	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTi	ime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemT	$ime_GetSystemTime_mS_u32_CurrentTime$	
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 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 k_LVSMDetect_Volts_u10p6	35062		
k LVSMDetect ms u16p0	41266		
k_LVSMNotDetect_Volts_u10p6	768		
k_LVSMNotDetect_volis_u10p0	25041		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
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	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			
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_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Iq			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		-
	Actual Value	Expected Value	Result
Name	0004500500	0004500500	
Name CustBattDiag_LOICir_ms_M_u32p0	2001582592	2001582592	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	2001582592	2001582592	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	2001582592 3339104768	2001582592 3339104768	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	2001582592 3339104768 1648059392	2001582592 3339104768 1648059392	V
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	2001582592 3339104768	2001582592 3339104768	

161899008

161899008

CustBattDiag_LVHSClr_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	2536412160	2536412160	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	973343232	973343232	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2001582592	2001582592	✓
CustBattDiag_LVLSCIr_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	✓

Τ				V
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	~

lame	Input Value
CustBattDiag LOICIr ms M u32p0	2998115584
CustBattDiag_LOICet_ms_M_u32p0	2707621632
<u> </u>	533900544
CustBattDiag_LVCClr_ms_M_u32p0	
CustBattDiag_LVCSet_ms_M_u32p0	930912000
custBattDiag_LVHSCCIr_ms_M_u32p0	3306094848
CustBattDiag_LVHSCSet_ms_M_u32p0	2353924864
custBattDiag_LVHSClr_ms_M_u32p0	2998115584
CustBattDiag_LVHSSet_ms_M_u32p0	2707621632
custBattDiag_LVLSCCIr_ms_M_u32p0	171615488
rustBattDiag_LVLSCSet_ms_M_u32p0	856903424
ustBattDiag_LVLSCIr_ms_M_u32p0	2479126784
ustBattDiag_LVLSSet_ms_M_u32p0	55460608
ustBattDiag_LVSMClr_ms_M_u32p0	4223262976
CustBattDiag_LVSMSet_ms_M_u32p0	519492352
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapse	dTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTir	ne) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
CustBattDiagLOIspd kph f32	379.448914
CustBattDiaghispd kph f32	322.19455
CustBattDiaglospd kph f32	302.917297
_LOIDetect_ms_u16p0	26905
LOINotDetect ms u16p0	41814
LVCDetect Volts u10p6	1472
LVCDetect ms u16p0	60494
_LVCNotDetect_Volts_u10p6	1088
_LVCNotDetect_worldp0	31296
LVHSCDetect Volts u10p6	1536
·	48062
_LVHSCDetect_ms_u16p0	1088
_LVHSCNotDetect_Volts_u10p6	111
_LVHSCNotDetect_ms_u16p0	31643
_LVHSDetect_Volts_u10p6	1472
_LVHSDetect_ms_u16p0	12538
_LVHSNotDetect_Volts_u10p6	1088
_LVHSNotDetect_ms_u16p0	27061
_LVLSCDetect_Volts_u10p6	1472
_LVLSCDetect_ms_u16p0	18024
_LVLSCNotDetect_Volts_u10p6	1088
_LVLSCNotDetect_ms_u16p0	36935
_LVLSDetect_Volts_u10p6	1472
_LVLSDetect_ms_u16p0	45507
_LVLSNotDetect_Volts_u10p6	1088
LVLSNotDetect ms u16p0	23156

CustBattDiag Per2

CustBattDiag_LVHSSet_ms_M_u32p0

 $CustBattDiag_LVLSCCIr_ms_M_u32p0$

CustBattDiag_LVLSCSet_ms_M_u32p0

CustBattDiag_LVLSClr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CusibaliDiag_Perz		I MAC	1000
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfaces and the property of the property of$	40151		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) = 0.0000000000000000000000000000000000$	t 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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.Cus$	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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	✓

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 An CustRattDian SystemTime GetSystemTime mS u32	1	Pta Call An CustRattDiag SystemTime GetSystemTime mS u32	1	

2707621632

171615488

856903424

2479126784

55460608

4223262976

519492352

2707621632

171615488

856903424 2479126784

55460608

4223262976

519492352

Test Step 2.122 (Repeat Count = 1)	
Name	Input Value
CustBattDiag LOICIr 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_LVSMCIr_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

CustBattDiag_Per2

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Input Value k_LVCNotDetect_ms_u16p0 14896 1536 k_LVHSCDetect_Volts_u10p6 42654 k LVHSCDetect ms u16p0 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 59536 k_LVLSCDetect_ms_u16p0 1088 k LVLSCNotDetect Volts u10p6 k_LVLSCNotDetect_ms_u16p0 49229 k LVLSDetect Volts u10p6 1408 k_LVLSDetect_ms_u16p0 27552 1088 k LVLSNotDetect Volts u10p6 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 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 47300$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\ \ \ \, 1624900608$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_3.$ 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_LOICIr_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_LVHSCCIr_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 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 1624900608 1624900608 **v** CustBattDiag_LVLSCSet_ms_M_u32p0 1624900608 1624900608 CustBattDiag LVLSCIr ms M u32p0 3447019520 3447019520 CustBattDiag_LVLSSet_ms_M_u32p0 3128949248 3128949248 ~ CustBattDiag_LVSMCIr_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

0x01

0x01

0x01

0x01

Param Cnt T u08

Status_Cnt_T_enum



Т				✓
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_LOICIr_ms_M_u32p0	1000800000
CustBattDiag_LOISet_ms_M_u32p0	585218304
CustBattDiag_LVCClr_ms_M_u32p0	2956889856
CustBattDiag LVCSet ms M u32p0	3427256576
CustBattDiag LVHSCCIr ms M u32p0	2172486400
CustBattDiag_LVHSCSet_ms_M_u32p0	1589959936
CustBattDiag_LVHSClr_ms_M_u32p0	1000800000
CustBattDiag LVHSSet ms M u32p0	585218304
CustBattDiag LVLSCCIr ms M u32p0	715540224
CustBattDiag LVLSCSet ms M u32p0	4294967295
CustBattDiag_LVLSCIr_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(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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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSClr_ms_M_u32p0	1000800000	1000800000	~
CustBattDiag_LVHSSet_ms_M_u32p0	585218304	585218304	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	715540224	715540224	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2116073216	2116073216	~
CustBattDiag_LVLSCIr_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_LVCCIr_ms_M_u32p0	2749306368
CustBattDiag_LVCSet_ms_M_u32p0	355166208
CustBattDiag_LVHSCCIr_ms_M_u32p0	217201152
CustBattDiag_LVHSCSet_ms_M_u32p0	1527000064
CustBattDiag_LVHSClr_ms_M_u32p0	1868940800
CustBattDiag_LVHSSet_ms_M_u32p0	622696448
CustBattDiag_LVLSCCIr_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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Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16) (ElapsedTime_ms_u16) (ElapsedTime_ms_u16) (ElapsedTime_ms_u16) (ElapsedTime_ms_u16) (ElapsedTime_ms_u16) (ElapsedTime_ms_u16) (ElapsedTime_ms_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	3		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.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 Elap			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current	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_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cni		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc	3 - 3 - 1		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3570966016	3570966016	_
CustBattDiag_LOISet_ms_M_u32p0	3570966016	3570966016	•
CustBattDiag_LVCCIr_ms_M_u32p0	2749306368	2749306368	•
CustBattDiag_LVCSet_ms_M_u32p0	355166208	355166208	•
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	2575822336	2575822336	•
CustBattDiag_LVLSCSet_ms_M_u32p0	2369069056	2369069056	•
CustBattDiag_LVLSCIr_ms_M_u32p0	1080988160	1080988160	•
CustBattDiag_LVLSSet_ms_M_u32p0	664683520	664683520	~
CustBattDiag_LVSMCIr_ms_M_u32p0	3738886656	3738886656	•
CustBattDiag_LVSMSet_ms_M_u32p0	2509706240	2509706240	<u> </u>

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 2.125 (Repeat Count = 1) Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	738554112		
CustBattDiag_LOISet_ms_M_u32p0	1755708160		
CustBattDiag LVCClr ms M u32p0	3621355776		
CustBattDiag_LVCSet_ms_M_u32p0	3552348928		
CustBattDiag_LVHSCCIr_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_CustBattD	liag_EpsEn_OP_GET_signal	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(Elap	psedTim target_Rte_Call_Ap_CustBattD	biag_SystemTime_DtrmnElapsedTime_mS_u16	S_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curren	target_Rte_Call_Ap_CustBattD	hiag_SystemTime_GetSystemTime_mS_u32_C	urrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattD	iag_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		
<_LVHSCDetect_Volts_u10p6	1088		
<_LVHSCDetect_ms_u16p0	23349		
<_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		
<_LVSMDetect_Volts_u10p6	320		
<pre>c_LVSMDetect_ms_u16p0</pre>	40949		
<_LVSMNotDetect_Volts_u10p6	896		
<_LVSMNotDetect_ms_u16p0 <	11758		
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.9656448		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
rarget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.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	0 116 Flon 35006		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	- '		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_		t Volt f32	
rarget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Bat		
<pre>arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08</pre>	target_CustBattDiag_Per2_Eng		
rarget_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatW1_Cnt_u08 rarget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_	target_CustBattDiag_Per2_Eta _lgc		
target_Rte_Inst_Ap_custBattDiag_2.custBattDiag_Per2_StidSelected_Crit_ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValir			
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_veriideSpeed.Vali arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_vehicleSpeed_Kp			
Name	Actual Value	Expected Value	Resu
CustBattDiag_LOICIr_ms_M_u32p0	4111264000	4111264000	
CustBattDiag_LOISet_ms_M_u32p0	4111264000	4111264000	
CustBattDiag LVCClr ms M u32p0	3621355776	3621355776	
	05500:0000		
CustBattDiag_LVCSet_ms_M_u32p0	3552348928	3552348928	
CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCir_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	3552348928 1177556224 4111264000	3552348928 1177556224 4111264000	

738554112

738554112

CustBattDiag_LVHSClr_ms_M_u32p0

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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		

CustBattDiag_LVLSClr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag LVSMClr ms M u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2 Input Value k_LVLSDetect_Volts_u10p6 576 10513 k_LVLSDetect_ms_u16p0 k LVLSNotDetect Volts u10p6 1856 k_LVLSNotDetect_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 14 3005819 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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_lg 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_LOICIr_ms_M_u32p0 2539390976 2539390976 2539390976 2539390976 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 2136358912 2136358912 CustBattDiag_LVCSet_ms_M_u32p0 3159695872 3159695872 CustBattDiag_LVHSCCIr_ms_M_u32p0 2007139328 2007139328 CustBattDiag_LVHSCSet_ms_M_u32p0 3230926336 3230926336 $CustBattDiag_LVHSClr_ms_M_u32p0$ 1586655232 1586655232 CustBattDiag LVHSSet ms M u32p0 2941833728 2941833728 CustBattDiag_LVLSCCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag LVLSCSet ms M u32p0 2930014720 2930014720

T				V
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	~

3401686016

2344541696

1561357312

2113809920

3401686016

2344541696

1561357312

2113809920

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_LVHSCCIr_ms_M_u32p0	4224136960
CustBattDiag_LVHSCSet_ms_M_u32p0	3246043392
CustBattDiag_LVHSClr_ms_M_u32p0	1034384128
CustBattDiag_LVHSSet_ms_M_u32p0	3613150464
CustBattDiag_LVLSCCIr_ms_M_u32p0	3632227072
CustBattDiag_LVLSCSet_ms_M_u32p0	4195964160
CustBattDiag_LVLSCIr_ms_M_u32p0	4241092352
CustBattDiag_LVLSSet_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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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CustBattDiag_Per2 Input Value k_LOINotDetect_ms_u16p0 27231 k_LVCDetect_Volts_u10p6 1984 12919 k LVCDetect ms u16p0 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 24182 k_LVSMNotDetect_ms_u16p0 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 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ Actual Value Name **Expected Value** Result CustBattDiag_LOICIr_ms_M_u32p0 1470802688 1470802688 3613150464 CustBattDiag_LOISet_ms_M_u32p0 3613150464 CustBattDiag_LVCCIr_ms_M_u32p0 1855718144 1855718144 CustBattDiag_LVCSet_ms_M_u32p0 3316079872 3316079872

oustbuttbiag_Evocet_mo_w_uozpo	0010070072	0010010012	
CustBattDiag_LVHSCCIr_ms_M_u32p0	4224136960	4224136960	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	1470802688	1470802688	✓
CustBattDiag_LVHSClr_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_LVLSClr_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	✓



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	~

est Step 2.128 (Repeat Count = 1)	Invest Value
ame	Input Value
ustBattDiag_LOICIr_ms_M_u32p0	741632512
ustBattDiag_LOISet_ms_M_u32p0	3674070016
ustBattDiag_LVCCIr_ms_M_u32p0	3751197184
ustBattDiag_LVCSet_ms_M_u32p0	3495734272
ustBattDiag_LVHSCCIr_ms_M_u32p0	367336960
ustBattDiag_LVHSCSet_ms_M_u32p0	0
ustBattDiag_LVHSClr_ms_M_u32p0	741632512
ustBattDiag_LVHSSet_ms_M_u32p0	3674070016
ustBattDiag_LVLSCCIr_ms_M_u32p0	1166217728
ustBattDiag_LVLSCSet_ms_M_u32p0	2431042560
ustBattDiag_LVLSCIr_ms_M_u32p0	2747069952
ustBattDiag_LVLSSet_ms_M_u32p0	2406762496
ustBattDiag_LVSMCIr_ms_M_u32p0	3439478272
ustBattDiag_LVSMSet_ms_M_u32p0	3425572864
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
re_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_ms_u16)	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
re_Mode_Ap_CustBattDiag_SystemState_Mode()	1
CustBattDiagLOIspd_kph_f32	279.29071
_CustBattDiaghispd_kph_f32	487.102112
CustBattDiaglospd_kph_f32	387.536743
LOIDetect_ms_u16p0	36994
_LOINotDetect_ms_u16p0	28716
_LVCDetect_Volts_u10p6	1152
_LVCDetect_ms_u16p0	34892
_LVCNotDetect_Volts_u10p6	576
_LVCNotDetect_ms_u16p0	63663
_LVHSCDetect_Volts_u10p6	1408
_LVHSCDetect_ms_u16p0	63743
_LVHSCNotDetect_Volts_u10p6	576
LVHSCNotDetect_ms_u16p0	37135
_LVHSDetect_Volts_u10p6	1152
LVHSDetect_ms_u16p0	7791
_LVHSNotDetect_Volts_u10p6	576
_LVHSNotDetect_ms_u16p0	33933
_LVLSCDetect_Volts_u10p6	1152
_LVLSCDetect_ms_u16p0	57350
_LVLSCNotDetect_Volts_u10p6	576
_LVLSCNotDetect_ms_u16p0	1460
_LVLSDetect_Volts_u10p6	1152
_LVLSDetect_ms_u16p0	43099
_LVLSNotDetect_Volts_u10p6	576
_LVLSNotDetect_ms_u16p0	20635
LVSMDetect_Volts_u10p6	1152
LVSMDetect_ms_u16p0	33486
LVSMNotDetect_Volts_u10p6	576
_LVSMNotDetect_ms_u16p0	4695
rrget_CustBattDiag_Per2_Batt_Volt_f32.value	28.9854183
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
rget CustBattDiag Per2 SttdSelected Cnt Igc.value	1





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_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVali	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	285917696	285917696	~
CustBattDiag_LOISet_ms_M_u32p0	285917696	285917696	~
CustBattDiag_LVCCIr_ms_M_u32p0	3751197184	3751197184	~
CustBattDiag_LVCSet_ms_M_u32p0	3495734272	3495734272	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	367336960	367336960	~
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	~
CustBattDiag_LVHSClr_ms_M_u32p0	741632512	741632512	~
CustBattDiag_LVHSSet_ms_M_u32p0	3674070016	3674070016	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	1166217728	1166217728	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2431042560	2431042560	~
CustBattDiag_LVLSClr_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				V
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)	v
Name	Input Value
CustBattDiag LOICIr ms M u32p0	3978921216
CustBattDiag LOISet ms M u32p0	219492096
CustBattDiag LVCClr ms M u32p0	4363520
CustBattDiag LVCSet ms M u32p0	3963141888
CustBattDiag_LVHSCCIr_ms_M_u32p0	65497344
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSCIr_ms_M_u32p0	3978921216
CustBattDiag_LVHSSet_ms_M_u32p0	219492096
CustBattDiag_LVLSCCIr_ms_M_u32p0	2380107008
CustBattDiag_LVLSCSet_ms_M_u32p0	284849920
CustBattDiag_LVLSClr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_LVCDetect_ms_u16p0	18761
k_LVCNotDetect_Volts_u10p6	832
k_LVCNotDetect_ms_u16p0	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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CustBattDiag_Per2			Razorcat
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_LVLSNotDetect_Volts_u10p6	832		
k_LVLSNotDetect_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			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Iq	· · · · · · · · · · · · · · · · · · ·		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	637959424	637959424	~
CustBattDiag_LOISet_ms_M_u32p0	637959424	637959424	~
CustBattDiag_LVCCIr_ms_M_u32p0	4363520	4363520	~
CustBattDiag_LVCSet_ms_M_u32p0	3963141888	3963141888	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	65497344	65497344	Y
CustBattDiag_LVHSCSet_ms_M_u32p0	637959424	637959424	Y
CustBattDiag_LVHSClr_ms_M_u32p0	3978921216	3978921216	~
CustBattDiag_LVHSSet_ms_M_u32p0	219492096	219492096	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	2380107008	2380107008	~
CustBattDiag_LVLSCSet_ms_M_u32p0	637959424	637959424	Y
CustBattDiag_LVLSCIr_ms_M_u32p0	666886400	666886400	~
CustBattDiag_LVLSSet_ms_M_u32p0	543288064	543288064	~
CustBattDiag_LVSMCIr_ms_M_u32p0	623898880	623898880	V
CustBattDiag_LVSMSet_ms_M_u32p0	1433697024	1433697024	V
NTC_Cnt_T_enum	0xE3	0xE3	· ·
Param_Cnt_T_u08	0x00	0x00	V

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	✓

0x00

0xE4

0x00

0x00

0x00

0xE4

0x00

0x00

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	

Status_Cnt_T_enum

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum

CustBattDiag_Per2

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Cusibalibiag_Perz		WACI	
Name	Input Value		
CustBattDiag_LVHSCClr_ms_M_u32p0	4107044864		
CustBattDiag_LVHSCSet_ms_M_u32p0	3882654208		
CustBattDiag_LVHSClr_ms_M_u32p0	1953903616		
CustBattDiag_LVHSSet_ms_M_u32p0	2950379008		
CustBattDiag_LVLSCCIr_ms_M_u32p0	1283070976		
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	3008060928 2703433728		
CustBattDiag_LVLSSet_ms_M_u32p0	2749694464		
CustBattDiag_LVSMCIr_ms_M_u32p0	1024651264		
CustBattDiag_LVSMSet_ms_M_u32p0	1122849280		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (Ela$	3	me_DtrmnElapsedTime_mS_u16_ElapsedTim	пе
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	417.518463		
k_CustBattDiagLOIspd_kph_f32 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 k_LVHSCDetect_ms_u16p0	896 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 k_LVLSCNotDetect_ms_u16p0	1280 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 k_LVSMNotDetect_ms_u16p0	1280 26068		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.796114		
target CustBattDiag Per2 EngOn Cnt Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	Ö		
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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 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_Batt_Voit_i32 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_Igc	target_CustBattDiag_Per2_SttdSelected_Cni		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2478787584	2478787584	~
CustBattDiag_LOISet_ms_M_u32p0	2478787584	2478787584	~
CustBattDiag_LVCCIr_ms_M_u32p0	3010135040	3010135040	V
CustBattDiag_LVCSet_ms_M_u32p0	3568338432	3568338432	~
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	2478787584 3882654208	2478787584 3882654208	~
CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	1953903616	1953903616	
CustBattDiag_LVHSSet_ms_M_u32p0	2950379008	2950379008	·
CustBattDiag_LVLSCCIr_ms_M_u32p0	2478787584	2478787584	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2478787584	2478787584	•
CustBattDiag_LVLSClr_ms_M_u32p0	2703433728	2703433728	~
CustBattDiag_LVLSSet_ms_M_u32p0	2749694464	2749694464	~
CustBattDiag_LVSMClr_ms_M_u32p0	1024651264	1024651264	~

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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				V
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	~

Name	Input Value
CustBattDiag LOICIr ms M u32p0	806102784
CustBattDiag_LOISet_ms_M_u32p0	1281696000
CustBattDiag_LVCClr_ms_M_u32p0	174962432
CustBattDiag LVCSet ms M u32p0	2535796992
CustBattDiag_LVHSCCIr_ms_M_u32p0	0
CustBattDiag LVHSCSet ms M u32p0	2604844288
CustBattDiag LVHSCIr ms M u32p0	806102784
CustBattDiag_LVHSSet ms M u32p0	1281696000
CustBattDiag LVLSCCIr ms M u32p0	4188040960
CustBattDiag LVLSCSet ms M u32p0	2494867712
CustBattDiag_LVLSCIr ms M u32p0	3568657152
CustBattDiag_LVLSSet ms M u32p0	2792865024
CustBattDiag_LVSGCt_fils_ivi_us2p0 CustBattDiag_LVSMCIr_ms_M_u32p0	1143337728
CustBattDiag_LVSMCII_ITIS_M_u32p0 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_EpsEt1_OF_GE1(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elaps	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Current)	
Rte_cair_Ap_custbattbiag_system inte_detsystem inte_ms_us2(current)	target Rte Inst Ap CustBattDiag 2
Rte_Inst_Ap_custbattDiag SystemState Mode()	2
k CustBattDiagLOIspd kph f32	367.342621
	7.35800171
k_CustBattDiaghispd_kph_f32	100.501541
k_CustBattDiaglospd_kph_f32	100.00
k_LOIDetect_ms_u16p0	52820
k_LOINotDetect_ms_u16p0	4294
k_LVCDetect_Volts_u10p6	1536
k_LVCDetect_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
k_LVSMNotDetect_Volts_u10p6

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Endown = 0.0000000000000000000000000000000000$	lap 56349		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current control of the control$	ent 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_lg	c	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0	08	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$	target_CustBattDiag_Per2_SttdSelected_C	Cnt_lgc	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cn	t lc target_CustBattDiag_Per2_VehicleSpeedV	/alid_Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f3222222222222222222222222222222222222$	target_CustBattDiag_Per2_VehicleSpeed_	Kph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4103134976	4103134976	•
CustBattDiag_LOISet_ms_M_u32p0	4103134976	4103134976	•
CustBattDiag_LVCCIr_ms_M_u32p0	174962432	174962432	•
CustBattDiag_LVCSet_ms_M_u32p0	2535796992	2535796992	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	0	0	•
CustBattDiag_LVHSCSet_ms_M_u32p0	4103134976	4103134976	✓
CustBattDiag_LVHSClr_ms_M_u32p0	806102784	806102784	✓
CustBattDiag_LVHSSet_ms_M_u32p0	1281696000	1281696000	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	4188040960	4188040960	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	4103134976	4103134976	✓
CustBattDiag_LVLSCIr_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	✓

-				
				✓
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	/

0x00

0x00

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_LVHSCCIr_ms_M_u32p0	4294967295
CustBattDiag_LVHSCSet_ms_M_u32p0	1596617728
CustBattDiag_LVHSClr_ms_M_u32p0	4174794240
CustBattDiag_LVHSSet_ms_M_u32p0	1479761920
CustBattDiag_LVLSCCIr_ms_M_u32p0	658077184
CustBattDiag_LVLSCSet_ms_M_u32p0	124045312
CustBattDiag_LVLSClr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

Status_Cnt_T_enum

CustBattDiag_Per2

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Input Value 164.775604 k CustBattDiagLOIspd kph f32 226.056259 k_CustBattDiaghispd_kph_f32 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 26686 k_LVHSCDetect_ms_u16p0 k LVHSCNotDetect Volts u10p6 256 6046 k_LVHSCNotDetect_ms_u16p0 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 61243 k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6 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_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value target CustBattDiag Per2 SttdSelected Cnt Igc.value 0 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 389.728638 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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_CustBattDiag_Per2_EngOn_Cnt_lgc target Rte Inst Ap CustBattDiag 2.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 Ic target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** Result $CustBattDiag_LOICIr_ms_M_u32p0$ 3290965504 3290965504 CustBattDiag_LOISet_ms_M_u32p0 3290965504 3290965504 2750520832 CustBattDiag LVCClr ms M u32p0 2750520832 CustBattDiag_LVCSet_ms_M_u32p0 1278423040 1278423040 CustBattDiag_LVHSCCIr_ms_M_u32p0 4294967295 4294967295 CustBattDiag_LVHSCSet_ms_M_u32p0 1596617728 1596617728 CustBattDiag_LVHSClr_ms_M_u32p0 4174794240 4174794240 CustBattDiag_LVHSSet_ms_M_u32p0 1479761920 1479761920 CustBattDiag_LVLSCCIr_ms_M_u32p0 658077184 658077184 CustBattDiag_LVLSCSet_ms_M_u32p0 124045312 124045312 CustBattDiag_LVLSClr_ms_M_u32p0 1254791680 1254791680 $CustBattDiag_LVLSSet_ms_M_u32p0$ 1735101440 1735101440

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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1597398016

850979328

1597398016

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

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag Per2 Input Value CustBattDiag LVCClr ms M u32p0 734128384 3888460544 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag LVHSCCIr ms M u32p0 406910208 CustBattDiag_LVHSCSet_ms_M_u32p0 2431608576 CustBattDiag LVHSClr ms M u32p0 3688093952 CustBattDiag_LVHSSet_ms_M_u32p0 1082434304 CustBattDiag LVLSCCIr ms M u32p0 793403648 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 445672192 CustBattDiag_LVLSCIr_ms_M_u32p0 3861312768 CustBattDiag LVLSSet ms M u32p0 2056003328 CustBattDiag_LVSMCIr_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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$ 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() 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 128 k LVHSCDetect_Volts_u10p6 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 10272 k_LVLSCDetect_ms_u16p0 k_LVLSCNotDetect_Volts_u10p6 1088 39328 k_LVLSCNotDetect_ms_u16p0 k LVLSDetect Volts u10p6 1408 16175 k LVLSDetect ms u16p0 k_LVLSNotDetect_Volts_u10p6 1088 853 k LVLSNotDetect ms u16p0 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 $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ 2 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 183.879471 target Rte Call Ap CustBattDiag EpsEn OP GET signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ \, 51745$ 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value CustBattDiag_LOICIr_ms_M_u32p0 2940096768 2940096768 CustBattDiag_LOISet_ms_M_u32p0 2940096768 2940096768 CustBattDiag_LVCCIr_ms_M_u32p0 734128384 734128384 CustBattDiag_LVCSet_ms_M_u32p0 3888460544 3888460544 406910208 406910208 CustBattDiag LVHSCCIr ms M u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 2431608576 2431608576 CustBattDiag LVHSClr ms M u32p0 3688093952 3688093952 CustBattDiag_LVHSSet_ms_M_u32p0 1082434304 1082434304 CustBattDiag_LVLSCCIr_ms_M_u32p0 793403648 793403648 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 445672192 445672192

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CustBattDiag_LVLSClr_ms_M_u32p0

CustBattDiag_Per2

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSSet_ms_M_u32p0	2056003328	2056003328	~
CustBattDiag_LVSMCIr_ms_M_u32p0	2342257920	2342257920	~
CustBattDiag_LVSMSet_ms_M_u32p0	40611584	40611584	~

Τ				✓
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	-

est Step 2.134 (Repeat Count = 1)	Innut Value
lame	Input Value
tustBattDiag_LOICIr_ms_M_u32p0	3938924544
sustBattDiag_LOISet_ms_M_u32p0	0
sustBattDiag_LVCCIr_ms_M_u32p0	121440256
rustBattDiag_LVCSet_ms_M_u32p0	3571132928
sustBattDiag_LVHSCCIr_ms_M_u32p0	3428305920
rustBattDiag_LVHSCSet_ms_M_u32p0	1932299776
rustBattDiag_LVHSClr_ms_M_u32p0	3938924544
rustBattDiag_LVHSSet_ms_M_u32p0	0
sustBattDiag_LVLSCClr_ms_M_u32p0	3565395968
rustBattDiag_LVLSCSet_ms_M_u32p0	2405007872
ustBattDiag_LVLSClr_ms_M_u32p0	2336089088
ustBattDiag_LVLSSet_ms_M_u32p0	792094208
ustBattDiag_LVSMClr_ms_M_u32p0	2199827456
ustBattDiag_LVSMSet_ms_M_u32p0	1238873600
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
_CustBattDiagLOIspd_kph_f32	65.4553528
_CustBattDiaghispd_kph_f32	428.238281
_CustBattDiaglospd_kph_f32	73.2604828
_LOIDetect_ms_u16p0	34418
LOINotDetect_ms_u16p0	30330
LVCDetect Volts u10p6	1344
LVCDetect_ms_u16p0	23230
LVCNotDetect Volts u10p6	1664
LVCNotDetect ms u16p0	24983
LVHSCDetect_Volts_u10p6	1920
LVHSCDetect_ms_u16p0	29569
LVHSCNotDetect_Volts_u10p6	1664
LVHSCNotDetect_ms_u16p0	28819
LVHSDetect_Volts_u10p6	1344
LVHSDetect ms u16p0	19949
LVHSNotDetect Volts u10p6	1664
LVHSNotDetect ms u16p0	29222
	1344
_LVLSCDetect_Volts_u10p6	10199
LVLSCDetect_ms_u16p0	
_LVLSCNotDetect_Volts_u10p6	1664
_LVLSCNotDetect_ms_u10p0	21298
_LVLSDetect_Volts_u10p6	1344
_LVLSDetect_ms_u16p0	54733
_LVLSNotDetect_Volts_u10p6	1664
_LVLSNotDetect_ms_u16p0	5171
_LVSMDetect_Volts_u10p6	1344
_LVSMDetect_ms_u16p0	61527
_LVSMNotDetect_Volts_u10p6	1664
_LVSMNotDetect_ms_u16p0	20929
rget_CustBattDiag_Per2_Batt_Volt_f32.value	20.7062206
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
rget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
rrget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	169.03801
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	56661
rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren	
rget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32





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_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1348980736	1348980736	~
CustBattDiag_LOISet_ms_M_u32p0	1348980736	1348980736	~
CustBattDiag_LVCCIr_ms_M_u32p0	121440256	121440256	~
CustBattDiag_LVCSet_ms_M_u32p0	3571132928	3571132928	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	3428305920	3428305920	~
CustBattDiag_LVHSCSet_ms_M_u32p0	1932299776	1932299776	~
CustBattDiag_LVHSClr_ms_M_u32p0	3938924544	3938924544	~
CustBattDiag_LVHSSet_ms_M_u32p0	0	0	~
CustBattDiag_LVLSCCIr_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	~

lomo	Innut Value
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1177099008
sustBattDiag_LOISet_ms_M_u32p0	4294967295
sustBattDiag_LVCCIr_ms_M_u32p0	3423054592
custBattDiag_LVCSet_ms_M_u32p0	4264903936
CustBattDiag_LVHSCCIr_ms_M_u32p0	1288134400
custBattDiag_LVHSCSet_ms_M_u32p0	2513508608
custBattDiag_LVHSClr_ms_M_u32p0	1177099008
custBattDiag_LVHSSet_ms_M_u32p0	4294967295
custBattDiag_LVLSCClr_ms_M_u32p0	1553195776
ustBattDiag_LVLSCSet_ms_M_u32p0	1444560128
custBattDiag_LVLSCIr_ms_M_u32p0	3866433280
CustBattDiag_LVLSSet_ms_M_u32p0	1997771008
CustBattDiag_LVSMCIr_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(Elap	psedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curren	tTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	0
_CustBattDiagLOlspd_kph_f32	341.547821
_CustBattDiaghispd_kph_f32	17.2509441
_CustBattDiaglospd_kph_f32	76.5364914
_LOIDetect_ms_u16p0	26062
_LOINotDetect_ms_u16p0	25518
_LVCDetect_Volts_u10p6	640
_LVCDetect_ms_u16p0	52844
LVCNotDetect_Volts_u10p6	1280
LVCNotDetect ms u16p0	3033
LVHSCDetect Volts u10p6	640
LVHSCDetect ms u16p0	28385
LVHSCNotDetect Volts u10p6	1280
LVHSCNotDetect_ms_u16p0	19364
_LVHSDetect_Volts_u10p6	640
LVHSDetect ms u16p0	32830
LVHSNotDetect Volts u10p6	1280
LVHSNotDetect ms u16p0	13962
LVLSCDetect Volts u10p6	640
_LVLSCDetect_ms_u16p0	2319
LVLSCNotDetect Volts u10p6	1280
LVLSCNotDetect ms u16p0	26486
LVLSDetect Volts u10p6	640

CustBattDiag_Per2

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	p 5655		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Currer	ıt 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		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Results (Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Results (Ap_CustBattDiag_2.CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Results (Ap_CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_3.CustBattD$	c target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4121383680	4121383680	-
CustBattDiag_LOISet_ms_M_u32p0	4121383680	4121383680	✓
CustBattDiag_LVCCIr_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_LVLSCCIr_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 2.136 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2337239552
CustBattDiag LOISet ms M u32p0	3706708992
CustBattDiag LVCClr ms M u32p0	1744028160
CustBattDiag LVCSet ms M u32p0	542307328
CustBattDiag LVHSCCIr ms M u32p0	3045369344
CustBattDiag LVHSCSet ms M u32p0	1104115712
CustBattDiag LVHSClr ms M u32p0	2337239552
CustBattDiag LVHSSet ms M u32p0	3706708992
CustBattDiag LVLSCCIr ms M u32p0	1294932480
CustBattDiag LVLSCSet ms M u32p0	42208256
CustBattDiag LVLSCIr ms M u32p0	3847978496
CustBattDiag LVLSSet ms M u32p0	3722973184
CustBattDiag LVSMCIr 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			TOLOTO
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_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_LVHSSet_ms_M_u32p0	3706708992	3706708992	~
CustBattDiag_LVLSCClr_ms_M_u32p0	1294932480	1294932480	~
CustBattDiag_LVLSCSet_ms_M_u32p0	42208256	42208256	•
CustBattDiag_LVLSCIr_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_LOICIr_ms_M_u32p0	0
CustBattDiag_LOISet_ms_M_u32p0	2265470720
CustBattDiag_LVCCIr_ms_M_u32p0	88833280
CustBattDiag_LVCSet_ms_M_u32p0	2406868736
CustBattDiag_LVHSCCIr_ms_M_u32p0	3978875136
CustBattDiag_LVHSCSet_ms_M_u32p0	2987416320
CustBattDiag_LVHSClr_ms_M_u32p0	0

CustBattDiag_Per2

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CusibaliDiag_Per2		(dae)	COLO	
Name	Input Value			
CustBattDiag_LVHSSet_ms_M_u32p0	2265470720			
CustBattDiag_LVLSCClr_ms_M_u32p0	284783872			
CustBattDiag_LVLSCSet_ms_M_u32p0	2873270016			
CustBattDiag_LVLSCIr_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_C			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedT	V		me	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2			
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2 46.8303299			
k_CustBattDiagLOlspd_kph_f32 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_u10p0	27804			
k_LVSMDetect_Volts_u10p6 k_LVSMDetect_ms_u16p0	192 37393			
k_LVSMNotDetect_Volts_u10p6	1472			
k_LVSMNotDetect_voils_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_Cn			
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the $				
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_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_LVHSCCIr_ms_M_u32p0	1479042304	1479042304	~	
CustBattDiag_LVHSCSet_ms_M_u32p0	2987416320	2987416320	V	
CustBattDiag_LVHSClr_ms_M_u32p0	0	0	✓	
CustBattDiag_LVHSSet_ms_M_u32p0	2265470720	2265470720	✓	
CustBattDiag_LVLSCCIr_ms_M_u32p0	1479042304	1479042304	✓ ✓	
CustBattDiag_LVLSCSet_ms_M_u32p0	1479042304	1479042304	*	
CustBattDiag_LVLSCIr_ms_M_u32p0	3875817728	3875817728	~	
CustBattDiag_LVLSSet_ms_M_u32p0	2653328128 1175345408	2653328128 1175345408		
CustBattDiag_LVSMCIr_ms_M_u32p0 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	✓

Τ				V
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_LOICIr_ms_M_u32p0	4294967295
CustBattDiag_LOISet_ms_M_u32p0	1621212672
CustBattDiag_LVCClr_ms_M_u32p0	1240484864
CustBattDiag_LVCSet_ms_M_u32p0	2979597824
CustBattDiag LVHSCCIr ms M u32p0	1621643264
CustBattDiag LVHSCSet ms M u32p0	4103713280
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295
CustBattDiag LVHSSet ms M u32p0	1621212672
CustBattDiag LVLSCCIr ms M u32p0	1959158784
CustBattDiag_LVLSCSet_ms_M_u32p0	2534598144
CustBattDiag LVLSCIr ms M u32p0	1458956288
CustBattDiag_LVLSSet_ms_M_u32p0	1865878016
CustBattDiag LVSMCIr ms M u32p0	3055007744
CustBattDiag_LVSMSet_ms_M_u32p0	1967217152
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(Elapsed	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTin	
Rte_Inst_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag 2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1
CustBattDiagLOIspd kph f32	423.129242
_CustBattDiaghispd_kph_f32	1.69305861
CustBattDiaglospd kph f32	215.20723
LOIDetect ms u16p0	27152
LOINotDetect ms u16p0	47105
,	512
_LVCDetect_Volts_u10p6	50153
_LVCNetPetect_ms_u16p0	
_LVCNotDetect_Volts_u10p6	1984
_LVCNotDetect_ms_u16p0	39420
_LVHSCDetect_Volts_u10p6	384
_LVHSCDetect_ms_u16p0	37076
_LVHSCNotDetect_Volts_u10p6	1984
_LVHSCNotDetect_ms_u16p0	30407
_LVHSDetect_Volts_u10p6	512
_LVHSDetect_ms_u16p0	59748
_LVHSNotDetect_Volts_u10p6	1984
_LVHSNotDetect_ms_u16p0	57067
_LVLSCDetect_Volts_u10p6	512
_LVLSCDetect_ms_u16p0	55246
_LVLSCNotDetect_Volts_u10p6	1984
_LVLSCNotDetect_ms_u16p0	7396
_LVLSDetect_Volts_u10p6	512
_LVLSDetect_ms_u16p0	38623
_LVLSNotDetect_Volts_u10p6	1984
_LVLSNotDetect_ms_u16p0	52909
z_LVSMDetect_Volts_u10p6	512
_LVSMDetect_ms_u16p0	16662
c_LVSMNotDetect_Volts_u10p6	1984

CustBattDiag_LVHSSet_ms_M_u32p0

 $CustBattDiag_LVLSCCIr_ms_M_u32p0$

CustBattDiag_LVLSCSet_ms_M_u32p0

 $CustBattDiag_LVLSCIr_ms_M_u32p0$

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2	, 11.43.03 0000		Razorcat
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	4729		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	target_CustBattDiag_Per2_VehicleSpeedVa	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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	~

Т				✓
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	•

1621212672

1959158784

2534598144

1458956288

1865878016

3055007744

1967217152

1621212672

1959158784

2534598144

1458956288

1865878016

3055007744

1967217152

Test Step 2.139 (Repeat Count = 1)	·
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	962533120
CustBattDiag_LOISet_ms_M_u32p0	1580304640
CustBattDiag_LVCCIr_ms_M_u32p0	3590184704
CustBattDiag_LVCSet_ms_M_u32p0	747346176
CustBattDiag_LVHSCCIr_ms_M_u32p0	1726337792
CustBattDiag_LVHSCSet_ms_M_u32p0	2736368896
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_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

CustBattDiag_Per2

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Input Value k LVHSCNotDetect Volts u10p6 576 44313 k_LVHSCNotDetect_ms_u16p0 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 21538 k LVSMNotDetect ms u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 30.2673378 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 1 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target CustBattDiag Per2 SttdSelected Cnt Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeed Kph f32 target CustBattDiag Per2 VehicleSpeed Kph f32 **Actual Value** Name **Expected Value** CustBattDiag_LOICIr_ms_M_u32p0 2114062080 2114062080 2114062080 CustBattDiag_LOISet_ms_M_u32p0 2114062080 CustBattDiag LVCClr ms M u32p0 3590184704 3590184704 CustBattDiag_LVCSet_ms_M_u32p0 747346176 747346176 CustBattDiag_LVHSCCIr_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 LVLSCCIr ms M u32p0 3957036800 3957036800 CustBattDiag_LVLSCSet_ms_M_u32p0 1367216384 1367216384 CustBattDiag_LVLSCIr_ms_M_u32p0 1482492672 1482492672

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	~

2114062080

3325532928

2982327552

0xE8

0x01

0x01

0xE1

0x00

0x00

2114062080

3325532928

2982327552

0xE8

0x01

0x01

0xE1

0x00

0x00

Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16

Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 1

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMCIr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0

NTC_Cnt_T_enum

Param Cnt T u08

NTC Cnt T enum

Param_Cnt_T_u08

Status_Cnt_T_enum

Status_Cnt_T_enum

1





Test Step 2.140 (Repeat Count = 1)			V
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	3135493632		
CustBattDiag_LOISet_ms_M_u32p0	913188864		
CustBattDiag_LVCCIr_ms_M_u32p0	333522432		
CustBattDiag_LVCSet_ms_M_u32p0	2275407872 569985536		
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	2772810752		
CustBattDiag_LVHSCIr ms M u32p0	3135493632		
CustBattDiag_LVHSSet_ms_M_u32p0	913188864		
CustBattDiag_LVLSCCIr_ms_M_u32p0	2401762816		
CustBattDiag_LVLSCSet_ms_M_u32p0	413700096		
CustBattDiag_LVLSClr_ms_M_u32p0	1349755392		
CustBattDiag_LVLSSet_ms_M_u32p0	0		
CustBattDiag_LVSMCIr_ms_M_u32p0	1696854528		
CustBattDiag_LVSMSet_ms_M_u32p0	1198171136		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		_
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT target_Rte_Inst_Ap_CustBattDiag_2	ime_GetSystemTime_mS_u32_CurrentTime	е
Rte_Inst_Ap_CustBattDiag Rte_Mode Ap_CustBattDiag_SystemState_Mode()	0		
k CustBattDiagLOlspd 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_u10p0	62895 192		
k_LVHSDetect_Volts_u10p6 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_LVLSCNotDetect_Volts_u10p6	1152		
k_LVLSCNotDetect_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 k_LVSMDetect_ms_u16p0	192 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 Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	3195317760	3195317760	Nesul
CustBattDiag_LOISet_ms_M_u32p0	3195317760	3195317760	
CustBattDiag_LVCCIr ms M u32p0	333522432	333522432	
CustBattDiag_LVCSet_ms_M_u32p0	2275407872	2275407872	
CustBattDiag_LVHSCCIr_ms_M_u32p0	569985536	569985536	
CustBattDiag_LVHSCSet_ms_M_u32p0	3195317760	3195317760	

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CustBattDiag_LVHSCIr_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	913188864	913188864	✓
CustBattDiag_LVLSCCIr_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	~

Name	Input Value
CustBattDiag LOICIr ms M u32p0	2513125632
	3941878528
CustBattDiag_LOISet_ms_M_u32p0	3826471168
CustBattDiag_LVCCIr_ms_M_u32p0	
CustBattDiag_LVCSet_ms_M_u32p0	3265190656
CustBattDiag_LVHSCCIr_ms_M_u32p0	3076187392 633179904
CustBattDiag_LVHSCSet_ms_M_u32p0	
CustBattDiag_LVHSCIr_ms_M_u32p0	2513125632 3941878528
CustBattDiag_LVHSSet_ms_M_u32p0	
CustBattDiag_LVLSCCIr_ms_M_u32p0	3147745536
custBattDiag_LVLSCSet_ms_M_u32p0	2414154496
CustBattDiag_LVLSCIr_ms_M_u32p0	2739657984
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295
CustBattDiag_LVSMCIr_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(ElapsedTi	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
_CustBattDiagLOIspd_kph_f32	178.090714
_CustBattDiaghispd_kph_f32	90.7043686
_CustBattDiaglospd_kph_f32	296.898834
_LOIDetect_ms_u16p0	22063
_LOINotDetect_ms_u16p0	21343
_LVCDetect_Volts_u10p6	1728
_LVCDetect_ms_u16p0	30914
_LVCNotDetect_Volts_u10p6	1344
_LVCNotDetect_ms_u16p0	50806
_LVHSCDetect_Volts_u10p6	1792
:_LVHSCDetect_ms_u16p0	21057
_LVHSCNotDetect_Volts_u10p6	1344
z_LVHSCNotDetect_ms_u16p0	35144
_LVHSDetect_Volts_u10p6	1728
_LVHSDetect_ms_u16p0	45549
LVHSNotDetect_Volts_u10p6	1344
_LVHSNotDetect_ms_u16p0	10591
_LVLSCDetect_Volts_u10p6	1728
_LVLSCDetect_ms_u16p0	3321
_LVLSCNotDetect_Volts_u10p6	1344
_LVLSCNotDetect_ms_u16p0	1227
_LVLSDetect_Volts_u10p6	1728
	57084
	1344
LVLSNotDetect ms u16p0	21101

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CustBattDiag_Per2 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 330.841003 $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 37221$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 2088286464 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ target_CustBattDiag_Per2_EngOn_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc$ $target_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustB$ target CustBattDiag Per2 VehicleSpeed Kph f32 target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeed Kph f32

target_Rte_inst_Ap_CustbattDlag_z.CustbattDlag_Perz_verlicleSpeed_Rpin_isz	target_CustBattDiag_Perz_verildeSpeed_kpn_isz			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOICIr_ms_M_u32p0	2088286464	2088286464	~	
CustBattDiag_LOISet_ms_M_u32p0	2088286464	2088286464	~	
CustBattDiag_LVCCIr_ms_M_u32p0	3826471168	3826471168	~	
CustBattDiag_LVCSet_ms_M_u32p0	3265190656	3265190656	•	
CustBattDiag_LVHSCCIr_ms_M_u32p0	3076187392	3076187392	•	
CustBattDiag_LVHSCSet_ms_M_u32p0	633179904	633179904	•	
CustBattDiag_LVHSClr_ms_M_u32p0	2513125632	2513125632	•	
CustBattDiag_LVHSSet_ms_M_u32p0	3941878528	3941878528	~	
CustBattDiag_LVLSCCIr_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_LVSMCIr_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_LOICIr_ms_M_u32p0	1015087104		
CustBattDiag_LOISet_ms_M_u32p0	95281664		
CustBattDiag_LVCCIr_ms_M_u32p0	1172885504		
CustBattDiag_LVCSet_ms_M_u32p0	485372416		
CustBattDiag_LVHSCCIr_ms_M_u32p0	325194752		
CustBattDiag_LVHSCSet_ms_M_u32p0	4284618240		
CustBattDiag_LVHSClr_ms_M_u32p0	1015087104		
CustBattDiag_LVHSSet_ms_M_u32p0	95281664		
CustBattDiag_LVLSCCIr_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(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	244.392288		
k_CustBattDiaghispd_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		

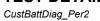
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Name	Input Value			
k_LVCNotDetect_ms_u16p0	19230			
k_LVHSCDetect_Volts_u10p6	512			
k_LVHSCDetect_ms_u16p0	21285			
k_LVHSCNotDetect_Volts_u10p6	576			
k_LVHSCNotDetect_ms_u16p0	63080			
k_LVHSDetect_Volts_u10p6	896			
k_LVHSDetect_ms_u16p0	32066			
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			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVal	lid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOICIr_ms_M_u32p0	878221312	878221312	V	
CustBattDiag_LOISet_ms_M_u32p0	878221312	878221312	✓	
CustBattDiag_LVCClr_ms_M_u32p0	1172885504	1172885504	~	
CustPattDiag I.VCSet ms M u32n0	485372416	485372416		

	10.3 - C - 11.1 - 12.2 - 1.1		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	878221312	878221312	~
CustBattDiag_LOISet_ms_M_u32p0	878221312	878221312	✓
CustBattDiag_LVCCIr_ms_M_u32p0	1172885504	1172885504	~
CustBattDiag_LVCSet_ms_M_u32p0	485372416	485372416	✓
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	1663461376	1663461376	~
CustBattDiag_LVLSCSet_ms_M_u32p0	878221312	878221312	✓
CustBattDiag_LVLSCIr_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	✓	





Test Step 2.143 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1377551104
CustBattDiag_LOISet_ms_M_u32p0	1016929536
CustBattDiag_LVCCIr_ms_M_u32p0	1495552768
CustBattDiag_LVCSet_ms_M_u32p0	471608576
CustBattDiag LVHSCCIr ms M u32p0	1523091200
CustBattDiag_LVHSCSet_ms_M_u32p0	2437972224
CustBattDiag_LVHSCIr_ms_M_u32p0	1377551104
CustBattDiag LVHSSet ms M u32p0	1016929536
CustBattDiag_LVLSCClr_ms_M_u32p0	2513144576
CustBattDiag LVLSCSet ms M u32p0	3662947584
CustBattDiag_LVLSCIr_ms_M_u32p0	0
CustBattDiag LVLSSet ms M u32p0	1154873600
CustBattDiag_LVSMCIr_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
	n 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_voils_u16p0	50276
k LVHSCDetect Volts u10p6	1216
k_LVHSCDetect_voils_u10p0	18965
k_LVHSCNotDetect_Volts_u10p6	1792
k_LVHSCNotDetect_voils_u1op0	59206
k_LVHSCNotDetect_ins_u10p6	0
k_LVHSDetect_voits_u16p0	28767
	1792
k_LVHSNotDetect_Volts_u10p6 k_LVHSNotDetect_ms_u16p0	44880
	0
k_LVLSCDetect_Volts_u10p6	58600
k_LVLSCDetect_ms_u16p0	1792
k_LVLSCNotDetect_Volts_u10p6	578
k_LVLSCNotDetect_ms_u16p0	0
k_LVLSDetect_Volts_u10p6	40006
k_LVLSDetect_ms_u16p0	40006 1792
k_LVLSNotDetect_Volts_u10p6	
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



CustBattDiag_	Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1016929536	1016929536	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	3874814720	3874814720	~
CustBattDiag_LVLSCSet_ms_M_u32p0	3874814720	3874814720	~
CustBattDiag_LVLSCIr_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				V
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)	le contraction of the contractio
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3826743808
CustBattDiag_LOISet_ms_M_u32p0	1920691200
CustBattDiag_LVCCIr_ms_M_u32p0	1698548224
CustBattDiag_LVCSet_ms_M_u32p0	1681800192
CustBattDiag_LVHSCCIr_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_LVLSCIr_ms_M_u32p0	4294967295
CustBattDiag_LVLSSet_ms_M_u32p0	3762345984
CustBattDiag_LVSMCIr_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(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
c_CustBattDiagLOIspd_kph_f32	395.877838
C_CustBattDiaghispd_kph_f32	501.854004
C_CustBattDiaglospd_kph_f32	248.148331
C LOIDetect ms u16p0	30881
c_LOINotDetect_ms_u16p0	64481
<pre>c_LVCDetect_Volts_u10p6</pre>	448
<pre>c_LVCDetect_ms_u16p0</pre>	20899
<pre>c_LVCNotDetect_Volts_u10p6</pre>	256
CLVCNotDetect_ms_u16p0	13020
 <pre>c_LVHSCDetect_Volts_u10p6</pre>	192
<pre>c_LVHSCDetect_ms_u16p0</pre>	59507
C LVHSCNotDetect Volts u10p6	256
C LVHSCNotDetect ms u16p0	23544
LVHSDetect Volts u10p6	448
CLVHSDetect ms u16p0	1973
C LVHSNotDetect Volts u10p6	256
C LVHSNotDetect ms u16p0	35064
C LVLSCDetect Volts u10p6	448
CLVLSCDetect ms u16p0	10345
LVLSCNotDetect Volts u10p6	256
	1524
C_LVLSCNotDetect_ms_u16p0	448
<_LVLSDetect_Volts_u10p6	
CLVLSDetect_ms_u16p0 CLVLSDetect_ms_u16p0	17008
<_LVLSNotDetect_Volts_u10p6 <_LVLSNotDetect_volts_u10p6	256
LVLSNotDetect_ms_u16p0	57149
<_LVSMDetect_Volts_u10p6	448
k_LVSMDetect_ms_u16p0	37076

CustBattDiag_Per2

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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 $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 368.732025 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 10093$ 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_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt lg 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_LOICIr_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_LVHSCCIr_ms_M_u32p0	1646341632	1646341632	-
CustBattDiag_LVHSCSet_ms_M_u32p0	4008787968	4008787968	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3826743808	3826743808	✓
CustBattDiag_LVHSSet_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_LVSMCIr_ms_M_u32p0	2401261056	2401261056	-
CustBattDiag_LVSMSet_ms_M_u32p0	488548352	488548352	-

T				V
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_LOICIr_ms_M_u32p0	3854587136
CustBattDiag_LOISet_ms_M_u32p0	4040982272
CustBattDiag_LVCClr_ms_M_u32p0	2676843776
CustBattDiag_LVCSet_ms_M_u32p0	1792282368
CustBattDiag_LVHSCCIr_ms_M_u32p0	3815979264
CustBattDiag_LVHSCSet_ms_M_u32p0	1271595776
CustBattDiag_LVHSClr_ms_M_u32p0	3854587136
CustBattDiag_LVHSSet_ms_M_u32p0	4040982272
CustBattDiag_LVLSCCIr_ms_M_u32p0	2955828480
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	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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CustBattDiag_Per2			MACITAL
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 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	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_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_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	2955828480	2955828480	V
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888	3616261888	Y
CustBattDiag_LVLSCIr_ms_M_u32p0	3778955520	3778955520	V
CustBattDiag_LVLSSet_ms_M_u32p0	3560717056	3560717056	V
CustBattDiag_LVSMCIr_ms_M_u32p0	2870329600	2870329600	✓
CustBattDiag_LVSMSet_ms_M_u32p0	2564999936	2564999936	✓

Τ				V
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_LOICIr_ms_M_u32p0	703710208	
CustBattDiag_LOISet_ms_M_u32p0	96814592	
CustBattDiag_LVCClr_ms_M_u32p0	1154126848	
CustBattDiag_LVCSet_ms_M_u32p0	2854131200	
CustBattDiag_LVHSCCIr_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_LVLSCIr_ms_M_u32p0	51228672	
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	

CustBattDiag_Per2

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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_0	DP_GET_signal			
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mSuperscript{A}) = 0.0000000000000000000000000000000000$	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	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 30144				
k_LV/LSCDetect_ms_u16p0	0				
k_LVLSCNotDetect_Volts_u10p6	42070				
k_LV/LSCNotDetect_ms_u16p0	1408				
k_LVLSDetect_Volts_u10p6	25154				
k_LVLSDetect_ms_u16p0	0				
k_LVLSNotDetect_Volts_u10p6	41				
k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6	1408				
	60938				
k_LVSMDetect_ms_u16p0 k_LVSMNotDetect_Volts_u10p6	0				
k_LVSMNotDetect_worls_u10p0	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 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	0				
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap					
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current					
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_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 Igc	target CustBattDiag Per2 SttdSelected Cn				
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ig					
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K				
Name	Actual Value	Expected Value	Resul		
CustBattDiag LOICIr ms M u32p0	480828416	480828416	TOOUT		
CustBattDiag_LOISet ms M u32p0	480828416	480828416			
CustBattDiag_LVCCIr_ms_M_u32p0	1154126848	1154126848			
CustBattDiag_LVCSet_ms_M_u32p0	480828416	480828416			
CustBattDiag LVHSCCIr ms M u32p0	157882368	157882368			
CustBattDiag_LVHSCSet ms M u32p0	480828416	480828416			
CustBattDiag_LVHSCIr_ms_M_u32p0	703710208	703710208			
CustBattDiag_LVHSSet ms M u32p0	96814592	96814592			
CustBattDiag LVLSCCIr ms M u32p0	3972508672	3972508672			
CustBattDiag LVLSCSet ms M u32p0	480828416	480828416			
CustBattDiag_LVLSCIr_ms_M_u32p0	51228672	51228672			
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	2509640192			
CustBattDiag_LVSMCIr_ms_M_u32p0	1184989184	1184989184			
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232	3588383232			

0xE0

0x00

0x00

0xE0

0x00

0x00

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum



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	~

est Step 2.147 (Repeat Count = 1)	Innut Value
ame	Input Value
ustBattDiag_LOICIr_ms_M_u32p0	836335360
ustBattDiag_LOISet_ms_M_u32p0	1189540096
ustBattDiag_LVCCIr_ms_M_u32p0	143591168
ustBattDiag_LVCSet_ms_M_u32p0	588972288
ustBattDiag_LVHSCCIr_ms_M_u32p0	1237547776
ustBattDiag_LVHSCSet_ms_M_u32p0	3739849984
ustBattDiag_LVHSClr_ms_M_u32p0	836335360
ustBattDiag_LVHSSet_ms_M_u32p0	1189540096
ustBattDiag_LVLSCCIr_ms_M_u32p0	49790720
ustBattDiag_LVLSCSet_ms_M_u32p0	2555410688
ustBattDiag_LVLSCIr_ms_M_u32p0	1295364864
ustBattDiag_LVLSSet_ms_M_u32p0	2846133504
ustBattDiag_LVSMCIr_ms_M_u32p0	1438270208
ustBattDiag_LVSMSet_ms_M_u32p0	1040162048
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTine_ms_u16)	
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
re_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
re_Mode_Ap_CustBattDiag_SystemState_Mode()	4
CustBattDiagLOIspd_kph_f32	447.282135
_CustBattDiaghispd_kph_f32	267.840851
_CustBattDiaglospd_kph_f32	174.296265
LOIDetect_ms_u16p0	8128
_LOINotDetect_ms_u16p0	54125
LVCDetect_Volts_u10p6	128
_LVCDetect_ms_u16p0	58624
_LVCNotDetect_Volts_u10p6	1856
_LVCNotDetect_ms_u16p0	31594
_LVHSCDetect_Volts_u10p6	1152
_LVHSCDetect_ms_u16p0	47462
_LVHSCNotDetect_Volts_u10p6	1856
LVHSCNotDetect_ms_u16p0	1983
_LVHSDetect_Volts_u10p6	128
LVHSDetect_ms_u16p0	12627
_LVHSNotDetect_Volts_u10p6	1856
_LVHSNotDetect_ms_u16p0	10664
_LVLSCDetect_Volts_u10p6	128
_LVLSCDetect_ms_u16p0	18182
_LVLSCNotDetect_Volts_u10p6	1856
_LVLSCNotDetect_ms_u16p0	13370
_LVLSDetect_Volts_u10p6	128
_LVLSDetect_ms_u16p0	15902
_LVLSNotDetect_Volts_u10p6	1856
_LVLSNotDetect_ms_u16p0	52322
LVSMDetect_Volts_u10p6	128
LVSMDetect_ms_u16p0	43879
LVSMNotDetect_Volts_u10p6	1856
_LVSMNotDetect_ms_u16p0	43348
rrget_CustBattDiag_Per2_Batt_Volt_f32.value	23.6575813
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0





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_IgEntering (Continuous Continuous $	target_CustBattDiag_Per2_VehicleSpeedVal	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3021221632	3021221632	~
CustBattDiag_LOISet_ms_M_u32p0	3021221632	3021221632	•
CustBattDiag_LVCCIr_ms_M_u32p0	143591168	143591168	~
CustBattDiag_LVCSet_ms_M_u32p0	588972288	588972288	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	1237547776	1237547776	~
CustBattDiag_LVHSCSet_ms_M_u32p0	3739849984	3739849984	~
CustBattDiag_LVHSCIr_ms_M_u32p0	836335360	836335360	~
CustBattDiag_LVHSSet_ms_M_u32p0	1189540096	1189540096	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	49790720	49790720	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2555410688	2555410688	~
CustBattDiag_LVLSClr_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	~

Т				
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)	v
Name	Input Value
CustBattDiag LOICIr ms M u32p0	2360237568
CustBattDiag LOISet ms M u32p0	1944973312
CustBattDiag LVCClr ms M u32p0	2462952960
CustBattDiag LVCSet ms M u32p0	2207367168
CustBattDiag_LVHSCCIr_ms_M_u32p0	1644188160
CustBattDiag_LVHSCSet_ms_M_u32p0	1937114112
CustBattDiag_LVHSClr_ms_M_u32p0	2360237568
CustBattDiag_LVHSSet_ms_M_u32p0	1944973312
CustBattDiag_LVLSCClr_ms_M_u32p0	1282639360
CustBattDiag_LVLSCSet_ms_M_u32p0	4023474176
CustBattDiag_LVLSClr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	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_LVCDetect_ms_u16p0	29248
k_LVCNotDetect_Volts_u10p6	1600
k_LVCNotDetect_ms_u16p0	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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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_LVLSNotDetect_Volts_u10p6	1600		
k_LVLSNotDetect_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 Igc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	15		
target CustBattDiag Per2 SttdSelected Cnt Igc.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 E	lap 29121		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curr	ent 0		
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 Batt Volt f32	target CustBattDiag Per2 Batt Volt f32	2	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 EngOn Cnt Igc	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_Cn	t_lc target_CustBattDiag_Per2_VehicleSpee	dValid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpee	d_Kph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	0	0	✓
CustBattDiag LOISet ms M u32p0	0	0	✓
CustBattDiag LVCCIr ms M u32p0	2462952960	2462952960	✓
CustBattDiag LVCSet ms M u32p0	2207367168	2207367168	✓
CustBattDiag LVHSCCIr ms M u32p0	0	0	-
CustBattDiag LVHSCSet ms M u32p0	0	0	✓
CustBattDiag LVHSCIr ms M u32p0	2360237568	2360237568	✓
CustBattDiag_LVHSSet_ms_M_u32p0	1944973312	1944973312	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSCIr_ms_M_u32p0	109685248	109685248	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3575979008	3575979008	✓
CustBattDiag_LVSMCIr_ms_M_u32p0	1933310464	1933310464	✓
·			

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_LVCCIr_ms_M_u32p0	3547961344	
CustBattDiag_LVCSet_ms_M_u32p0	833501696	
CustBattDiag_LVHSCCIr_ms_M_u32p0	786521088	
CustBattDiag_LVHSCSet_ms_M_u32p0	3696532992	
CustBattDiag_LVHSClr_ms_M_u32p0	3823093760	
CustBattDiag_LVHSSet_ms_M_u32p0	409725440	
CustBattDiag_LVLSCClr_ms_M_u32p0	3121491968	
CustBattDiag_LVLSCSet_ms_M_u32p0	3584725504	
CustBattDiag_LVLSCIr_ms_M_u32p0	3279254528	
CustBattDiag_LVLSSet_ms_M_u32p0	1832678912	
CustBattDiag_LVSMClr_ms_M_u32p0	104481792	
CustBattDiag_LVSMSet_ms_M_u32p0	3462514176	

CustBattDiag Per2

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Input Value Rte Call Ap CustBattDiag EpsEn OP GET(signal) target Rte Call Ap CustBattDiag EpsEn OP GET signal $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime target_Rte_Inst_Ap_CustBattDiag_2 Rte_Inst_Ap_CustBattDiag Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiagLOIspd_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 50327 k LVCDetect ms u16p0 k_LVCNotDetect_Volts_u10p6 1984 k_LVCNotDetect_ms_u16p0 36713 k_LVHSCDetect_Volts_u10p6 768 33558 k LVHSCDetect ms u16p0 k_LVHSCNotDetect_Volts_u10p6 1984 58818 k LVHSCNotDetect ms u16p0 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 1280 k LVLSDetect Volts u10p6 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_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 7 0 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$ $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 68.3304672 target CustBattDiag Per2 VehicleSpeed Kph f32.value $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 22649 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic\\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic\\ target_CustBattDiag_Per2_Veh$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target CustBattDiag Per2 VehicleSpeed Kph f32 Name **Actual Value** Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 4294967295 4294967295 4294967295 CustBattDiag LOISet ms M u32p0 4294967295 CustBattDiag_LVCClr_ms_M_u32p0 3547961344 3547961344 CustBattDiag_LVCSet_ms_M_u32p0 833501696 833501696 CustBattDiag_LVHSCCIr_ms_M_u32p0 786521088 786521088 CustBattDiag_LVHSCSet_ms_M_u32p0 3696532992 3696532992 CustBattDiag_LVHSClr_ms_M_u32p0 3823093760 3823093760 CustBattDiag_LVHSSet_ms_M_u32p0 409725440 409725440 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 3121491968 3121491968 CustBattDiag_LVLSCSet_ms_M_u32p0 3584725504 3584725504 CustBattDiag_LVLSClr_ms_M_u32p0 3279254528 3279254528 CustBattDiag_LVLSSet_ms_M_u32p0 1832678912 1832678912 CustBattDiag LVSMCIr ms M u32p0 104481792 104481792 CustBattDiag_LVSMSet_ms_M_u32p0 3462514176 3462514176

Τ				
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 2.150 (Repeat Count = 1)			V
Name	Input Value		Ť
CustBattDiag_LOICIr_ms_M_u32p0	824142592		
CustBattDiag_LOISet_ms_M_u32p0	1719862528		
CustBattDiag_LVCClr_ms_M_u32p0	3448896256		
CustBattDiag_LVCSet_ms_M_u32p0	3355186432		
CustBattDiag_LVHSCCIr_ms_M_u32p0	4285181696		
CustBattDiag_LVHSCSet_ms_M_u32p0	3466127616		
CustBattDiag_LVHSClr_ms_M_u32p0	824142592		
CustBattDiag_LVHSSet_ms_M_u32p0	1719862528		
CustBattDiag_LVLSCClr_ms_M_u32p0	3392418560		
CustBattDiag_LVLSCSet_ms_M_u32p0	3680963840		
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	1343121152 692150528		
CustBattDiag_LVSMCIr_ms_M_u32p0	1593833216		
CustBattDiag_LVSMSet_ms_M_u32p0	4279333120		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	OP GET signal	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim			ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_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 2337		
k_LVCDetect_ms_u16p0 k_LVCNotDetect_Volts_u10p6	1664		
k_LVCNotDetect_voils_u10p0	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_LVLSCDetect_Volts_u10p6	1088		
k_LVLSCDetect_ms_u16p0	17610		
k_LVLSCNotDetect_Volts_u10p6	1664		
k_LVLSCNotDetect_ms_u16p0 k_LVLSDetect_Volts_u10p6	11246 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_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 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	164.970108		
target_Rte_Call_Ap_CustBattDlag_EpsEn_OP_GE1_signal target_Rte_Call_Ap_CustBattDlag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
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_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEnder SpeedValid_Cnt_IgEnder SpeedVa$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3026651904	3026651904	~
CustBattDiag_LOISet_ms_M_u32p0	3026651904	3026651904	V
CustBattDiag_LVCCIr_ms_M_u32p0	3448896256	3448896256	•
CustBattDiag_LVCSet_ms_M_u32p0	3355186432	3355186432	*
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet ms M u32p0	4285181696 3026651904	4285181696 3026651904	~
CustBattDiag_LVHSClr_ms_M_u32p0	824142592	824142592	-





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	✓

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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	~

Name	Input Value
	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3826743808
CustBattDiag_LOISet_ms_M_u32p0	1920691200
CustBattDiag_LVCCIr_ms_M_u32p0	1698548224
CustBattDiag_LVCSet_ms_M_u32p0	1681800192
CustBattDiag_LVHSCCIr_ms_M_u32p0	1646341632
rustBattDiag_LVHSCSet_ms_M_u32p0	4008787968
custBattDiag_LVHSClr_ms_M_u32p0	3826743808
custBattDiag_LVHSSet_ms_M_u32p0	1920691200
sustBattDiag_LVLSCClr_ms_M_u32p0	1915232768
ustBattDiag_LVLSCSet_ms_M_u32p0	527848448
ustBattDiag_LVLSClr_ms_M_u32p0	4294967295
ustBattDiag_LVLSSet_ms_M_u32p0	3762345984
ustBattDiag_LVSMClr_ms_M_u32p0	2401261056
ustBattDiag_LVSMSet_ms_M_u32p0	488548352
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elap	bsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Current	tTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	0
_CustBattDiagLOIspd_kph_f32	395.877838
_CustBattDiaghispd_kph_f32	501.854004
_CustBattDiaglospd_kph_f32	248.148331
_LOIDetect_ms_u16p0	30881
_LOINotDetect_ms_u16p0	64481
LVCDetect_Volts_u10p6	448
LVCDetect ms u16p0	20899
LVCNotDetect_Volts_u10p6	256
LVCNotDetect_ms_u16p0	13020
LVHSCDetect Volts u10p6	192
LVHSCDetect ms u16p0	59507
LVHSCNotDetect Volts u10p6	256
LVHSCNotDetect ms u16p0	23544
LVHSDetect Volts u10p6	448
LVHSDetect ms u16p0	1973
LVHSNotDetect Volts u10p6	256
_LVHSNotDetect_ms_u16p0	35064
	448
_LVLSCDetect_Volts_u10p6	10345
_LVLSCDetect_ms_u16p0	
_LVLSCNotDetect_Volts_u10p6	256
_LVLSCNotDetect_ms_u16p0	1524
_LVLSDetect_Volts_u10p6	448
_LVLSDetect_ms_u16p0	17008
_LVLSNotDetect_Volts_u10p6	256
_LVLSNotDetect_ms_u16p0	57149
_LVSMDetect_Volts_u10p6	448
_LVSMDetect_ms_u16p0	37076
_LVSMNotDetect_Volts_u10p6	256
_LVSMNotDetect_ms_u16p0	1947

CustBattDiag_LVHSClr_ms_M_u32p0

 $CustBattDiag_LVHSSet_ms_M_u32p0$

CustBattDiag_LVLSCCIr_ms_M_u32p0

 $CustBattDiag_LVLSCSet_ms_M_u32p0$

CustBattDiag_LVLSCIr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

 $CustBattDiag_LVSMClr_ms_M_u32p0$

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2	, , , , , , , , , , , , , , , , , , , ,	Razo	orcat
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgrams and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	480828416	480828416	~
CustBattDiag_LOISet_ms_M_u32p0	480828416	480828416	✓
CustBattDiag_LVCCIr_ms_M_u32p0	1698548224	1698548224	•
CustBattDiag_LVCSet_ms_M_u32p0	1681800192	1681800192	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	1646341632	1646341632	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4008787968	4008787968	✓

Τ				
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_LOICIr_ms_M_u32p0	3854587136
CustBattDiag_LOISet_ms_M_u32p0	4040982272
CustBattDiag_LVCClr_ms_M_u32p0	2676843776
CustBattDiag_LVCSet_ms_M_u32p0	1792282368
CustBattDiag_LVHSCCIr_ms_M_u32p0	3815979264
CustBattDiag_LVHSCSet_ms_M_u32p0	1271595776
CustBattDiag_LVHSCIr_ms_M_u32p0	3854587136
CustBattDiag_LVHSSet_ms_M_u32p0	4040982272
CustBattDiag_LVLSCCIr_ms_M_u32p0	2955828480
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888
CustBattDiag_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (ElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	sedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (Current SystemTime_mS_u32) (Current SystemTime_mS_u32)$	Time) 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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSyst$	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	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	3021221632	3021221632	~
CustBattDiag_LOISet_ms_M_u32p0	3021221632	3021221632	-
	I	I	

Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3021221632	3021221632	~
CustBattDiag_LOISet_ms_M_u32p0	3021221632	3021221632	•
CustBattDiag_LVCCIr_ms_M_u32p0	2676843776	2676843776	~
CustBattDiag_LVCSet_ms_M_u32p0	1792282368	1792282368	~
CustBattDiag_LVHSCCIr_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	~

Т				
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_LOICIr_ms_M_u32p0	703710208	
CustBattDiag_LOISet_ms_M_u32p0	96814592	
CustBattDiag_LVCCIr_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_LVLSCCIr_ms_M_u32p0	3972508672	
CustBattDiag_LVLSCSet_ms_M_u32p0	148336128	
CustBattDiag_LVLSCIr_ms_M_u32p0	51228672	
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	
CustBattDiag_LVSMClr_ms_M_u32p0	1184989184	
CustBattDiag LVSMSet ms M u32p0	3588383232	





Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_O	P GET signal	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim		me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi		
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		
	1		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
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		
target_Rte_Inst_Ap_CustbattDiag_2.CustbattDiag_Per2_VehicleSpeedValid_Cnt_Ig		— ×	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp		
			Daguilé
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1994274304	1994274304	~
CustBattDiag_LOISet_ms_M_u32p0	1994274304	1994274304	V
CustBattDiag_LVCCIr_ms_M_u32p0	1154126848	1154126848	V
CustBattDiag_LVCSet_ms_M_u32p0	1994274304	1994274304	V
CustBattDiag_LVHSCCIr_ms_M_u32p0	157882368	157882368	V
CustBattDiag_LVHSCSet_ms_M_u32p0	1994274304	1994274304	V
CustBattDiag_LVHSCIr_ms_M_u32p0	703710208	703710208	~
CustBattDiag_LVHSSet_ms_M_u32p0	96814592	96814592	V
CustBattDiag_LVLSCCIr_ms_M_u32p0	3972508672	3972508672	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1994274304	1994274304	~
CustBattDiag_LVLSCIr_ms_M_u32p0	51228672	51228672	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	2509640192	V
CustBattDiag_LVSMCIr_ms_M_u32p0	1184989184	1184989184	✓
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232	3588383232	V
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	V
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	V
Status_Cnt_T_enum	0x00	0x00	~



Τ				V
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_LOlClr_ms_M_u32p0	0
CustBattDiag_LOISet_ms_M_u32p0	2265470720
CustBattDiag_LVCCIr_ms_M_u32p0	88833280
	2406868736
CustBattDiag_LVCSet_ms_M_u32p0	
CustBattDiag_LVHSCCIr_ms_M_u32p0	3978875136
CustBattDiag_LVHSCSet_ms_M_u32p0	2987416320
CustBattDiag_LVHSClr_ms_M_u32p0	0
CustBattDiag_LVHSSet_ms_M_u32p0	2265470720
CustBattDiag_LVLSCCIr_ms_M_u32p0	284783872
CustBattDiag_LVLSCSet_ms_M_u32p0	2873270016
CustBattDiag_LVLSCIr_ms_M_u32p0	3875817728
CustBattDiag_LVLSSet_ms_M_u32p0	2653328128
CustBattDiag_LVSMCIr_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(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	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
goouo.ou.oug_i orz_Engon_on.ego.valuo	

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1479042304	1479042304	~
CustBattDiag_LOISet_ms_M_u32p0	1479042304	1479042304	~
CustBattDiag_LVCCIr_ms_M_u32p0	1479042304	1479042304	~
CustBattDiag_LVCSet_ms_M_u32p0	1479042304	1479042304	~
CustBattDiag_LVHSCCIr_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 LVSMCIr ms M u32p0	1175345408	1175345408	~

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_LVHSCCIr_ms_M_u32p0	1621643264
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295
CustBattDiag_LVHSSet_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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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CustBattDiag_Per2 Input Value 47105 $k_LOINotDetect_ms_u16p0$ k_LVCDetect_Volts_u10p6 512 50153 k LVCDetect ms u16p0 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 63763 k_LVSMNotDetect_ms_u16p0 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 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 282.194244 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_InstAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc\\ target_Rte_InstAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_InstAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_InstAp_CustBattDiag_Per2_Ve$

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1190761472	1190761472	~
CustBattDiag_LOISet_ms_M_u32p0	1190761472	1190761472	•
CustBattDiag_LVCCIr_ms_M_u32p0	1240484864	1240484864	~
CustBattDiag_LVCSet_ms_M_u32p0	2979597824	2979597824	✓
CustBattDiag_LVHSCCIr_ms_M_u32p0	1621643264	1621643264	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280	4103713280	•
CustBattDiag_LVHSCIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVHSSet_ms_M_u32p0	1621212672	1621212672	•
CustBattDiag_LVLSCCIr_ms_M_u32p0	1959158784	1959158784	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2534598144	2534598144	•
CustBattDiag_LVLSClr_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 2.156 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	962533120
CustBattDiag_LOISet_ms_M_u32p0	1580304640
CustBattDiag_LVCClr_ms_M_u32p0	3590184704
CustBattDiag_LVCSet_ms_M_u32p0	747346176
CustBattDiag_LVHSCCIr_ms_M_u32p0	1726337792
CustBattDiag_LVHSCSet_ms_M_u32p0	2736368896

CustBattDiag Per2

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Input Value CustBattDiag LVHSClr ms M u32p0 962533120 1580304640 CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag LVLSCCIr ms M u32p0 3957036800 CustBattDiag_LVLSCSet_ms_M_u32p0 1367216384 CustBattDiag LVLSCIr 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mS_u16_ElapsedTime_u16_Elapse$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ 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() 376 811523 k CustBattDiagLOIspd kph f32 173.822388 k_CustBattDiaghispd_kph_f32 k CustBattDiaglospd kph f32 412.305878 k_LOIDetect_ms_u16p0 23942 k LOINotDetect ms u16p0 7977 k_LVCDetect_Volts_u10p6 768 60794 k LVCDetect ms u16p0 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 768 k LVHSDetect Volts u10p6 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 55222 k_LVLSNotDetect_ms_u16p0 k LVSMDetect Volts u10p6 768 k LVSMDetect ms_u16p0 63523 k_LVSMNotDetect_Volts_u10p6 576 21538 k LVSMNotDetect ms u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 30.2673378 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 1 $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value target Rte Call Ap CustBattDiag EpsEn OP GET signal 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 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_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$ $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value** Expected Value $CustBattDiag_LOICIr_ms_M_u32p0$ 2114062080 2114062080 CustBattDiag_LOISet_ms_M_u32p0 2114062080 2114062080 CustBattDiag_LVCCIr_ms_M_u32p0 3590184704 3590184704 CustBattDiag_LVCSet_ms_M_u32p0 747346176 747346176 CustBattDiag LVHSCCIr 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 LVLSCCIr ms M u32p0 3957036800 3957036800 CustBattDiag_LVLSCSet_ms_M_u32p0 1367216384 1367216384 CustBattDiag LVLSCIr 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

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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	~

lomo	Innut Value
lame	Input Value
custBattDiag_LOICIr_ms_M_u32p0	3938924544
CustBattDiag_LOISet_ms_M_u32p0	0
custBattDiag_LVCClr_ms_M_u32p0	121440256
custBattDiag_LVCSet_ms_M_u32p0	3571132928
custBattDiag_LVHSCCIr_ms_M_u32p0	3428305920
sustBattDiag_LVHSCSet_ms_M_u32p0	1932299776
sustBattDiag_LVHSClr_ms_M_u32p0	3938924544
ustBattDiag_LVHSSet_ms_M_u32p0	0
sustBattDiag_LVLSCCIr_ms_M_u32p0	3565395968
ustBattDiag_LVLSCSet_ms_M_u32p0	2405007872
ustBattDiag_LVLSCIr_ms_M_u32p0	2336089088
ustBattDiag_LVLSSet_ms_M_u32p0	792094208
ustBattDiag_LVSMClr_ms_M_u32p0	2199827456
ustBattDiag_LVSMSet_ms_M_u32p0	1238873600
te_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
te_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT	im target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime	target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 CurrentTime
te Inst Ap CustBattDiag	target Rte Inst Ap CustBattDiag 2
te_Mode_Ap_CustBattDiag_SystemState_Mode()	1
CustBattDiagLOlspd kph f32	65.4553528
CustBattDiaghispd_kph_f32	428,238281
_CustBattDiaglospd_kph_f32	73.2604828
LOIDetect_ms_u16p0	34418
LOINotDetect_ms_u16p0	30330
LVCDetect Volts u10p6	1344
LVCDetect ms u16p0	23230
LVCNotDetect_Volts_u10p6	1664
LVCNotDetect ms u16p0	24983
LVHSCDetect_Volts_u10p6	1920
LVHSCDetect ms u16p0	29569
LVHSCNotDetect Volts u10p6	1664
LVHSCNotDetect ms u16p0	28819
,	1344
_LVHSDetect_Volts_u10p6	19949
_LVHSDetect_ms_u16p0	
_LVHSNotDetect_Volts_u10p6	1664
_LVHSNotDetect_ms_u16p0	29222
_LVLSCDetect_Volts_u10p6	1344
_LVLSCDetect_ms_u16p0	10199
_LVLSCNotDetect_Volts_u10p6	1664
_LVLSCNotDetect_ms_u16p0	21298
_LVLSDetect_Volts_u10p6	1344
_LVLSDetect_ms_u16p0	54733
_LVLSNotDetect_Volts_u10p6	1664
_LVLSNotDetect_ms_u16p0	5171
_LVSMDetect_Volts_u10p6	1344
_LVSMDetect_ms_u16p0	61527
_LVSMNotDetect_Volts_u10p6	1664
_LVSMNotDetect_ms_u16p0	20929

CustBattDiag Per2

CustBattDiag_LVHSClr_ms_M_u32p0

 $CustBattDiag_LVHSSet_ms_M_u32p0$

CustBattDiag_LVLSCCIr_ms_M_u32p0

 $CustBattDiag_LVLSCSet_ms_M_u32p0$

CustBattDiag_LVLSCIr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

 $CustBattDiag_LVSMClr_ms_M_u32p0$

CustBattDiag_LVSMSet_ms_M_u32p0

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CustbattDiag_r erz			TOIL
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_El	ap 56661		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	ent 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_u0	В	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_C	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt	_lc_target_CustBattDiag_Per2_VehicleSpeedVa	alid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_k	(ph_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_LVHSCCIr_ms_M_u32p0	3428305920	3428305920	~
CustBattDiag_LVHSCSet_ms_M_u32p0	1932299776	1932299776	✓

Τ				~
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	~

3938924544

3565395968

2405007872

2336089088

792094208

2199827456

1238873600

0

3938924544

3565395968

2405007872

2336089088

792094208

2199827456

1238873600

0

Test Step 2.158 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1177099008
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCCIr_ms_M_u32p0	3423054592
CustBattDiag_LVCSet_ms_M_u32p0	4264903936
CustBattDiag_LVHSCClr_ms_M_u32p0	1288134400
CustBattDiag_LVHSCSet_ms_M_u32p0	2513508608
CustBattDiag_LVHSClr_ms_M_u32p0	1177099008
CustBattDiag_LVHSSet_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_LVSMCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	n 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	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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CustBattDiag_Per2

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the content of the$	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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4121383680	4121383680	~
CustBattDiag_LOISet_ms_M_u32p0	4121383680	4121383680	~
CustBattDiag_LVCCIr_ms_M_u32p0	3423054592	3423054592	~
CustBattDiag_LVCSet_ms_M_u32p0	4264903936	4264903936	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	1288134400	1288134400	~
CustBattDiag_LVHSCSet_ms_M_u32p0	2513508608	2513508608	~
CustBattDiag_LVHSClr_ms_M_u32p0	1177099008	1177099008	~

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	~

4294967295

1553195776

1444560128

3866433280

1997771008

1175627520

275751168

4294967295

1553195776

1444560128

3866433280

1997771008

1175627520

275751168

Test Step 2.159 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2337239552
CustBattDiag_LOISet_ms_M_u32p0	3706708992
CustBattDiag_LVCCIr_ms_M_u32p0	1744028160
CustBattDiag_LVCSet_ms_M_u32p0	542307328
CustBattDiag_LVHSCCIr_ms_M_u32p0	3045369344
CustBattDiag_LVHSCSet_ms_M_u32p0	1104115712
CustBattDiag_LVHSClr_ms_M_u32p0	2337239552
CustBattDiag_LVHSSet_ms_M_u32p0	3706708992
CustBattDiag_LVLSCCIr_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

CustBattDiag_LVHSSet_ms_M_u32p0

 $CustBattDiag_LVLSCCIr_ms_M_u32p0$

CustBattDiag_LVLSCSet_ms_M_u32p0

CustBattDiag_LVLSCIr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0





		• • • • • • • • • • • • • • • • • • • •	
Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTir	me
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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		
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 4		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 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	33081		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
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_Igc	target CustBattDiag Per2 SttdSelected Cn	t lac	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	1538574848	1538574848	ixesuit
CustBattDiag_LOISet ms M u32p0	1538574848	1538574848	-
CustBattDiag_LVCCIr_ms_M_u32p0	1744028160	1744028160	
CustBattDiag_LVCSet_ms_M_u32p0	542307328	542307328	-
CustBattDiag_LVHSCCIr_ms_M_u32p0	3045369344	3045369344	
CustBattDiag_LVHSCSet ms M u32p0	1104115712	1104115712	-
CustBattDiag_LVHSCIr ms_M_u32p0	2337239552	2337239552	
CustBattDiag_LVHSCti_ms_M_u32p0	3706708992	3706708992	
CustBattDiag_LVLSCCIr_ms_M_u32p0	1294932480	1294932480	
CustBattDiag LVLSCSet ms M u32p0	42208256	42208256	
CustBattDiag_LVLSCSet_ITIs_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	3847978496	3847978496	
CustBattDiag_LVLSCII_ITIS_IW_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	3722973184	3722973184	-
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560	4039298560	
CustBattDiag_LVSMSet_ms_M_u32p0	1444143104	1444143104	~
Sacrational Transfer of the Control			

Τ				✓
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	•

CustBattDiag_Per2



CustBattDiag_Per2

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Test Case 3: Path Test

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Specification

CustBattDiag_Per2

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

TS3.1 807 Cycles
TS3.2 805 Cycles
TS3.2 805 Cycles
TS3.3 8514 Cycles
TS3.3 8514 Cycles
TS3.4 5019 Cycles
TS3.5 1522 Cycles
TS3.6 8512 Cycles
TS3.6 8512 Cycles
TS3.10 1815 Cycles
TS3.11 5304 Cycles
TS3.11 5304 Cycles
TS3.12 5588 Cycles
TS3.12 5588 Cycles
TS3.14 2102 Cycles
TS3.15 2103 Cycles
TS3.16 2104 Cycles
TS3.17 805 Cycles
TS3.17 805 Cycles
TS3.19 803 Cycles
TS3.19 803 Cycles
TS3.19 803 Cycles
TS3.19 803 Cycles
TS3.20 2104 Cycles
TS3.21 804 Cycles



```
Description
                                                                                                                                 CustBattDiag_LOICIr_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) &&

(EpsEn_Cnt_T_lgc == TRUE))) ==>False
                                                                                                                                  TS3.2" (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) ||
                                                                                                                        TS3.4"(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_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
(BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6)==>True
(BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6)==>True
(BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6)==>True
(BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6)==>True
(BattVoltage_Volts_T_u10p6 > k_LVSNNotDetect_Volts_u10p6)==>True
(EtatMt_Cnt_T_u08 == D_STARTING_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
((SttdSelcted_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_ENGRUNNING_CNT_U08)||
(EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08))==>True"
TS3.5"(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)==>False
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE))||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE))||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE))||
                                                                                                                            (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_LVLSNotDetect_Volts_u10p6) &&
((VenSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32)) ==> False
((BattVoltage_Volts_T_u10p6 > k_LVLSCDetect_Volts_u10p6) &&
((VenSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32)) ==> False
((BattVoltage_Volts_T_u10p6 < k_LVLSCDetect_Volts_u10p6) &&
((VenSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32)) ==> False
((EtatMt_Cnt_T_u08 == D_STARTING_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) ||
((EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_
```



```
((SttdSelcted_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)) ==>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_ENGRUNNING_CNT_U08))|
(EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08)) ==>True
(SystemState_Cnt_T_enum_== RTE_MODE_StaMd_Mode_OPERAT
(EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_ENGRUNNING_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_lgc == TRUE) ||
(EBVENSpdHi_Cnt_T_lgc == TRUE) |) ==>False

(EpsEn_Cnt_T_lgc == TRUE) ||
(EBVENSpdHi_Cnt_T_lgc == TRUE) |) ==>False

(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]gc == 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_DRVRESTART_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_DRVRESTART_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) ||

(EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
((SttdSelcted_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_LOCKED_CNT_U08) ||
((EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
((EpsEn_Cnt_T_lgc == FALSE) &&
((EngOn_Cnt_T_lgc == FALSE) &&
((EngOn_Cnt_T_lgc == TRUE) |) |==>True
((EsvenSpatche_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT) ||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DERATE) ||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
((EpsEn_Cnt_T_lgc == TRUE) )) ==>True
((BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 )==>False
((BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 )==>True
((BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
((BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True
((EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
((EtatMt_Cnt_T_u08 ==
   (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) |==>True
((SttdSelcted_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_LOCKED_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_ENGRUNNING_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"
TS3.11" SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE )==>False
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ==>False
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
((SystemState_Cnt_T_lgc == 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) ||
   ((VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32)||
((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_DEGRESTART_CNT_U08)||
(EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08)||
(EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08)||
(EtatMt_Cnt_T_u08 == D_AUTOSTARTING_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 == TRUE)))==>False
((EpsEn_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_OPERATE)||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)) &&
((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_Ont_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_DISABLE) && (EpsEn_Cnt_T_lgc == TRUE) ))==>True"
(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_DISABLE) &&
(EpsEn_Cnt_T_lgc == TRUE))) ==> True"

T33.14"(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ==> False
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
((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"
T33.15"(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ==> False
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ==> False
((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_lgc == TRUE) |) ==> False
((EpsEn_Cnt_T_lgc == TRUE) |) ==> False
((EpsEn_Cnt_T_lgc == TRUE) |) ==> False
((EpsEn_Cnt_T_lgc == TRUE) |) ==> False
((EtatMt_Ont_T_lgc == TRUE) |) ==> False
((Eta
   (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_OPERATE) ||
      ((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
      ((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
      ((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
      ((SystemState_Cnt_T_lgc == TRUE) ) )==>True

(BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
(BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
(BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>True
(EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
      (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
      (EtatMt_Cnt_T_u08 == D_DEGRESTART_CNT_U08) ||
      (EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) )==>False
((SttdSelcted_Cnt_T_lgc == FALSE) &&
      (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) ||
      (EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) ||
      (EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
      (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
      (EtatMt_Cnt_T_u08 == D_ENGRUNCANTARE ||
      (EtatMt_Cnt_T_u08 == D_ENGRUNNING_CNT_U08) ||
      (EtatMt_Unt_T_u08 == D_ENGRUNCANTARE ||

         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_LOlNotDetect_ms_u16p0 )==>False (EpsEn_Cnt_T_lgc == TRUE) ==>False (EpsEn_Cnt_T_lgc == TRUE) ==>True (BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True (BattVoltage_Volts_T_u10p6 > k_LVLSNotDetect_Volts_u10p6 )==>True (BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 )==>True (BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 )==>True (BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_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
          (EtatMt_Cnt_T_u08 == D_LOCKED_CNT_U08) )==>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_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 == TRUE)) ||
((EgVehSpdHi_Cnt_T_lgc == TRUE))) ==>False
((EpsEn_Cnt_T_lgc == TRUE) ==>True
(ElapsedTime_T_u16p0 > k_LOlNotDetect_ms_u16p0) ==>False
((SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_WARMINIT)) ||
          (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_LVCNotDetect_Volts_u10p6 )==>False
(BattVoltage_Volts_T_u10p6 > k_LVHSNotDetect_Volts_u10p6 )==>False
((BattVoltage_Volts_T_u10p6 < k_LVHSNotDetect_Volts_u10p6 )==>False
((BattVoltage_Volts_T_u10p6 < k_LVHSNotDetect_Volts_u10p6 )&&
((VehSpd_Volts_T_u10p6 < k_LVHSNotDetect_Volts_u10p6) &&
((VehSpd_Voltage_Tolts_T_lgc == FALSE) &&
(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE))
             ((VeliSpovalid_On__i_ge_-r_ALGL_/ABC_
(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) &&
          ((BattVoltage_Volts_T_u10p6 < k_LVLSDetect_Volts_u10p6) && (VehSpd_Kph_T_32 <= 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_gc == FALSE) && (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)))) ==>True (BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6) && (VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32) )==>True (BattVoltage_Volts_T_u10p6 > k_LVSCNotDetect_Volts_u10p6) && (VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32) )==>True (BattVoltage_Volts_T_u10p6 > k_LVSMNotDetect_Volts_u10p6) ==>False
        (VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32) )==>True
(BattVoltage_Volts_T_u10p6 > k_LVSMNotDetect_Volts_u10p6 )==>False
(BattVoltage_Volts_T_u10p6 < k_LVSMNotDetect_Volts_u10p6 )==>True
((EtatMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_DEVRESTART_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_DEVRESTART_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTOSTARTING_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_AUTORESTART_CNT_U08) )==>False
((SttdSelcted_Cnt_T_lgc == FALSE) &&
((EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) )==>False
((EtatMt_Cnt_T_u08 == D_STOPPED_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_CUT_CNT_U08) ||
(EtatMt_Cnt_T_u08 == D_ENGRUNNING_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]gc == TRUE) )) ==>true (BattVoltage_Volts_T_u10p6 > k_LVCNottDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 > k_LVCNottDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 > k_LVCNottDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 < k_LVHSNottDetect_Volts_u10p6 ) ==>False ((VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32) || ((VehSpd_Volts_T_u10p6 < k_LVLSNottDetect_Volts_u10p6 ) ==>False ((VehSpd_Volts_T_u10p6 > k_LVLSNottDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 > k_LVLSNottDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVLSCNottDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVHSCNottDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVHSCNottDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVLSCNottDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVSCNottDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVSMNottDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u08 = D_DRVRESTART_CNT_U08) || (EtatMt_Cnt_T_u08 = D_DAUTORESTART_CNT_U08) || (Et
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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		
CustBattDiag LOICIr ms M u32p0	0		
CustBattDiag_LOISet_ms_M_u32p0	0		
CustBattDiag_LVCCIr_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_LVLSCIr_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_O		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (ElapsedTime_ms_u16 (Ela$			ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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	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 k_LVHSCNotDetect_ms_u16p0	0		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_wols_u16p0	0		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_voils_u10p0	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	Ō		
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemSystem_System$	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_Igc	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	0	0	~
CustBattDiag_LOISet_ms_M_u32p0	0	0	~
CustBattDiag LVCClr ms M u32n0	0	0	

0

0

CustBattDiag_LVCClr_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCCIr_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_LVLSCIr_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	✓

lame	Input Value
custBattDiag LOICIr ms M u32p0	4294967295
ustBattDiag LOISet ms M u32p0	4294967295
ustBattDiag_LVCClr_ms_M_u32p0	4294967295
ustBattDiag_LVCSet_ms_M_u32p0	4294967295
ustBattDiag_LVHSCCIr_ms_M_u32p0	4294967295
ustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
ustBattDiag_LVHSClr_ms_M_u32p0	4294967295
ustBattDiag_LVHSSet ms M u32p0	4294967295
ustBattDiag_LVLSCCIr_ms_M_u32p0	4294967295
ustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
	4294967295
ustBattDiag_LVLSCIr_ms_M_u32p0	4294967295
ustBattDiag_LVLSSet_ms_M_u32p0	
istBattDiag_LVSMCIr_ms_M_u32p0	4294967295
ustBattDiag_LVSMSet_ms_M_u32p0	4294967295
e_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
re_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT	
e_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
re_Mode_Ap_CustBattDiag_SystemState_Mode()	4
CustBattDiagLOIspd_kph_f32	512
CustBattDiaghispd_kph_f32	512
CustBattDiaglospd_kph_f32	512
LOIDetect_ms_u16p0	65535
LOINotDetect_ms_u16p0	65535
LVCDetect_Volts_u10p6	1984
LVCDetect_ms_u16p0	65535
LVCNotDetect_Volts_u10p6	1984
LVCNotDetect_ms_u16p0	65535
LVHSCDetect_Volts_u10p6	1984
LVHSCDetect_ms_u16p0	65535
LVHSCNotDetect_Volts_u10p6	1984
LVHSCNotDetect_ms_u16p0	65535
LVHSDetect_Volts_u10p6	1984
LVHSDetect_ms_u16p0	65535
LVHSNotDetect_Volts_u10p6	1984
LVHSNotDetect_ms_u16p0	65535
LVLSCDetect_Volts_u10p6	1984
LVLSCDetect_ms_u16p0	65535
LVLSCNotDetect_Volts_u10p6	1984
LVLSCNotDetect_ms_u16p0	65535
LVLSDetect_Volts_u10p6	1984
LVLSDetect_ms_u16p0	65535
LVLSNotDetect_Volts_u10p6	1984
LVLSNotDetect ms u16p0	65535
LVSMDetect Volts u10p6	1984
LVSMDetect ms u16p0	65535
LVSMNotDetect_Volts_u10p6	1984
LVSMNotDetect_ms_u16p0	65535
rget CustBattDiag Per2 Batt Volt f32.value	31
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1





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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ig\\$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVCCIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVCSet_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVHSCCIr_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_LVLSCCIr_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_LVSMCIr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	~

Τ				✓
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_LVHSClr_ms_M_u32p0	2027075584
CustBattDiag_LVHSSet_ms_M_u32p0	3140770304
CustBattDiag_LVLSCClr_ms_M_u32p0	3103727616
CustBattDiag_LVLSCSet_ms_M_u32p0	2921398784
CustBattDiag_LVLSCIr_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_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

 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$

target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value

CustBattDiag_Per2

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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

0

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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg_target_CustBattDiag_Cnt_lg_target_CustBatt$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32

target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32



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)	🗸
	Input Value
	705075968
9	1810478336
	3745852160
<u> </u>	3725509888
9	339533568
	3265435904
0	705075968
	1810478336
	4246823680
0	2009316608
0	1144690432
0	1454706944
	344309280
0	
CustBattDiag_LVSMSet_ms_M_u32p0	1349591296
	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Inst_Ap_CustBattDiag_2
	3
_	142.452698
_	500.45459
_ 0 1 _ 1 _	194.12117
	41207
2 1 11 11 2 12 14 1	33211
	960
k_LVCDetect_ms_u16p0	19669
k_LVCNotDetect_Volts_u10p6	128
2 1 11 1112 121 171	15142
	1792
	62186
	128
	18321
	960
	20087
	128
	20775
	960
	57920
	128
	50252
	960
	24113
k_LVLSNotDetect_Volts_u10p6	128
	45721
	960
	11874
	128
k LVSMNotDetect ms u16p0	13631



CustBattDiag_Per2	, 11.40.00	Razon	cat
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVal	id_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_LOICIr_ms_M_u32p0	315937536	315937536	~
CustBattDiag_LOISet_ms_M_u32p0	315937536	315937536	~
CustBattDiag_LVCClr_ms_M_u32p0	3745852160	3745852160	~

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	2 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	315937536	315937536	~
CustBattDiag_LOISet_ms_M_u32p0	315937536	315937536	•
CustBattDiag_LVCCIr_ms_M_u32p0	3745852160	3745852160	~
CustBattDiag_LVCSet_ms_M_u32p0	3725509888	3725509888	~
CustBattDiag_LVHSCCIr_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	424683166608	2009316608	•
CustBattDiag_LVLSClr_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	~

Т				V
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_LOICIr_ms_M_u32p0	90118195O

CustBattDiag Per2

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Input Value k_CustBattDiaglospd_kph_f32 338.766144 51434 k_LOIDetect_ms_u16p0 11447 k_LOINotDetect_ms_u16p0 k_LVCDetect_Volts_u10p6 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 55412 k_LVHSCNotDetect_ms_u16p0 k LVHSDetect Volts u10p6 0 11723 k_LVHSDetect_ms_u16p0 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 k_LVLSDetect_ms_u16p0 9999 k_LVLSNotDetect_Volts_u10p6 1088 k_LVLSNotDetect_ms_u16p0 23405 k_LVSMDetect_Volts_u10p6 18074 k_LVSMDetect_ms_u16p0 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 target CustBattDiag Per2 VehicleSpeed Kph f32.value 104.126129 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 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_CustBattDiag_Per2_EngOn_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$ $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** Result CustBattDiag_LOICIr_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 LVHSCCIr 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 LVLSCCIr ms M u32p0 2173082112 2173082112 CustBattDiag_LVLSCSet_ms_M_u32p0 596085760 596085760 CustBattDiag LVLSCIr ms M u32p0 2586593792 2586593792 CustBattDiag_LVLSSet_ms_M_u32p0 2586593792 2586593792

T				V
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	-

3511832064

2081382400

3511832064

2081382400

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0





Test Step 3.6 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	3467104000		
CustBattDiag_LOISet_ms_M_u32p0	1436748032		
CustBattDiag_LVCClr_ms_M_u32p0	2759024384		
CustBattDiag_LVCSet_ms_M_u32p0	2019367168		
CustBattDiag_LVHSCCIr_ms_M_u32p0	3138605824		
CustBattDiag_LVHSCSet_ms_M_u32p0	3378720000		
CustBattDiag_LVHSClr_ms_M_u32p0	3467104000		
CustBattDiag_LVHSSet_ms_M_u32p0	1436748032		
CustBattDiag_LVLSCCIr_ms_M_u32p0	1889605376		
CustBattDiag_LVLSCSet_ms_M_u32p0	1881116928		
CustBattDiag_LVLSCIr_ms_M_u32p0	1004178176 2965054720		
CustBattDiag_LVLSSet_ms_M_u32p0 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_C	OP GET signal	
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTir			ime
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT		
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		
k_LVLSCDetect_Volts_u10p6	1664		
k_LVLSCDetect_ms_u16p0 k_LVLSCNotDetect_Volts_u10p6	40806 320		
k_LVLSCNotDetect_woits_u10p0	15615		
k_LVLSONotibetest_inis_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_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfales and target_Results and target_Result$	p 55332		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer$	t 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_Cn		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_			
	target_CustBattDiag_Per2_VehicleSpeed_K		
	Actual Value	Expected Value	Result
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name	Actual Value	•	
Name CustBattDiag_LOICIr_ms_M_u32p0	1902610176	1902610176	-
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	1902610176 1902610176	1902610176	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	1902610176 1902610176 2759024384	1902610176 2759024384	•
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	1902610176 1902610176 2759024384 2019367168	1902610176 2759024384 2019367168	0
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	1902610176 1902610176 2759024384	1902610176 2759024384	

3467104000

3467104000

CustBattDiag_LVHSClr_ms_M_u32p0

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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				V
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	~

Name	Input Value
CustBattDiag LOICIr ms M u32p0	2107856384
CustBattDiag LOISet ms M u32p0	4128876544
CustBattDiag LVCCIr ms M u32p0	1585489408
CustBattDiag LVCSet ms M u32p0	3391846400
CustBattDiag LVHSCCIr ms M u32p0	3144731136
CustBattDiag_LVHSCSet_ms_M_u32p0	946420736
CustBattDiag_LVHSClr_ms_M_u32p0	2107856384
CustBattDiag LVHSSet ms M u32p0	4128876544
ustBattDiag LVLSCCIr ms M u32p0	4141317632
CustBattDiag LVLSCSet ms M u32p0	583274496
CustBattDiag_LVLSCIr_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	(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Co	urrentTime) 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
_CustBattDiagLOIspd_kph_f32	307.761597
_CustBattDiaghispd_kph_f32	505.83429
_CustBattDiaglospd_kph_f32	103.274986
_LOIDetect_ms_u16p0	15147
_LOINotDetect_ms_u16p0	17772
_LVCDetect_Volts_u10p6	704
_LVCDetect_ms_u16p0	56591
_LVCNotDetect_Volts_u10p6	1984
_LVCNotDetect_ms_u16p0	36474
_LVHSCDetect_Volts_u10p6	1856
_LVHSCDetect_ms_u16p0	37359
_LVHSCNotDetect_Volts_u10p6	1984
_LVHSCNotDetect_ms_u16p0	8510
_LVHSDetect_Volts_u10p6	704
:_LVHSDetect_ms_u16p0	37809
_LVHSNotDetect_Volts_u10p6	1984

CustBattDiag_Per2



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_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_u	- '		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	_		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Ba		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_En	·	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	, - ,		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cn			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedVal			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_K			
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0	1514417664	1514417664	
CustBattDiag_LVHSCSet_ms_M_u32p0	1514417664	1514417664	
CustBattDiag_LVHSCIr_ms_M_u32p0	2107856384 4128876544	2107856384 4128876544	
CustBattDiag_LVHSSet_ms_M_u32p0	1514417664	1514417664	
CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	1514417664	1514417664	
CustBattDiag LVLSCSet_Inis_M_u32p0 CustBattDiag LVLSCIr ms M u32p0	2080055808	2080055808	
CustBattDiag_LVLSCii_ITIS_W_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	4165030912	4165030912	
CustBattDiag_LVSMClr ms M u32p0	3398136320	3398136320	
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744	1677599744	
0	0xE8	0xE8	
NTC: Cint I enum		UNEO .	▼
NTC_Cnt_T_enum Param Cnt T u08	0x00	0x00	✓

Т				✓
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_LOICIr_ms_M_u32p0	970913536	
CustBattDiag_LOISet_ms_M_u32p0	3939004672	
CustBattDiag_LVCClr_ms_M_u32p0	3388245760	
CustBattDiag_LVCSet_ms_M_u32p0	928809216	
CustBattDiag_LVHSCCIr_ms_M_u32p0	467729152	
CustBattDiag_LVHSCSet_ms_M_u32p0	279123200	
CustBattDiag_LVHSClr_ms_M_u32p0	970913536	
CustBattDiag_LVHSSet_ms_M_u32p0	3939004672	
CustBattDiag_LVLSCClr_ms_M_u32p0	1017986816	

CustBattDiag_Per2



		(<i>)</i> 0
Name	Input Value		
CustBattDiag_LVLSCSet_ms_M_u32p0	2439117056		
CustBattDiag_LVLSCIr_ms_M_u32p0	279130880		
CustBattDiag_LVLSSet_ms_M_u32p0	556666112		
CustBattDiag_LVSMClr_ms_M_u32p0	747094784		
CustBattDiag_LVSMSet_ms_M_u32p0	2414419200	D OFT :	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi target_Rte_Call_Ap_CustBattDiag_SystemTi		ne
Rte Inst Ap CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	me_cotoyotemmine_me_doz_comentmine	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3		
k_CustBattDiagLOlspd_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 28370		
k_LVCDetect_ms_u16p0 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 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_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	36496		
k_LVSMDetect_Volts_u10p6	1920		
k_LVSMDetect_ms_u16p0 k_LVSMNotDetect_Volts_u10p6	16865 576		
k_LVSMNotDetect_voils_u10p0	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 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	1		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
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	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	543796992	543796992	~
CustBattDiag_LOISet_ms_M_u32p0	543796992	543796992	· ·
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet ms M u32p0	3388245760 543796992	3388245760 543796992	*
CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr 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 0v=0	2414419200 0v=0	· ·
NTC_Cnt_T_enum Param Cnt T u08	0xE0 0x00	0xE0 0x00	~
Status_Cnt_T_enum	0x00	0x00	
NTC_Cnt_T_enum	0xE3	0xE3	-

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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	~
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)	L WI
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1788730880
CustBattDiag_LOISet_ms_M_u32p0	3997790208
CustBattDiag_LVCCIr_ms_M_u32p0	3298635264
CustBattDiag_LVCSet_ms_M_u32p0	751648768
CustBattDiag_LVHSCCIr_ms_M_u32p0	1101517312
CustBattDiag_LVHSCSet_ms_M_u32p0	2756281344
CustBattDiag_LVHSCIr_ms_M_u32p0	1788730880
CustBattDiag_LVHSSet_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(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	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_His_u10p6	960
k_LVHSNotDetect_ms_u16p0	51056
k LVLSCDetect Volts u10p6	576
k_LVLSCDetect_voits_u10p0 k_LVLSCDetect_ms_u16p0	16658
k_LVLSCNotDetect_Volts_u10p6	960 37476
k_LVLSCNotDetect_ms_u16p0	
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 Input Value target_CustBattDiag_Per2_Batt_Volt_f32.value 18.9720993 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 13 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 183.432465 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 36276$ 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 $target_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Rte_instAp_CustB$

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_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	1431504384	1431504384	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1742583296	1742583296	✓
CustBattDiag_LVLSCIr_ms_M_u32p0	1380002304	1380002304	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1955109888	1955109888	~
CustBattDiag_LVSMCIr_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	~

Τ				V
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)	V
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	4249569280
CustBattDiag_LOISet_ms_M_u32p0	2443405824
CustBattDiag_LVCCIr_ms_M_u32p0	3754235904
CustBattDiag_LVCSet_ms_M_u32p0	1355135488
CustBattDiag_LVHSCCIr_ms_M_u32p0	398777344
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824
CustBattDiag_LVLSCCIr_ms_M_u32p0	3588861952
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704
CustBattDiag_LVLSCIr_ms_M_u32p0	4176016384
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048
CustBattDiag_LVSMCIr_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

CustBattDiag_Per2

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Input Value Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 367.035919 $k_CustBattDiagLOlspd_kph_f32$ 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 57886 k LVHSCDetect ms u16p0 k_LVHSCNotDetect_Volts_u10p6 448 k_LVHSCNotDetect_ms_u16p0 36989 k_LVHSDetect_Volts_u10p6 192 61820 k LVHSDetect ms u16p0 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 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 112.882156 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \ \ 16392$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 3561611264 target CustBattDiag Per2 Batt Volt f32 target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 Batt Volt f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32$ **Actual Value** Name **Expected Value** Result CustBattDiag_LOICIr_ms_M_u32p0 3561611264 3561611264 3561611264 3561611264 CustBattDiag LOISet ms M u32p0 CustBattDiag_LVCClr_ms_M_u32p0 3754235904 3754235904 CustBattDiag_LVCSet_ms_M_u32p0 3561611264 3561611264 CustBattDiag_LVHSCCIr_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_LVLSCCIr_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				V
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_LOICIr_ms_M_u32p0	2205622016
CustBattDiag_LOISet_ms_M_u32p0	3212237056
CustBattDiag_LVCClr_ms_M_u32p0	3054939904
CustBattDiag_LVCSet_ms_M_u32p0	3894733056
CustBattDiag_LVHSCCIr_ms_M_u32p0	2610930432
CustBattDiag_LVHSCSet_ms_M_u32p0	243006720
CustBattDiag_LVHSClr_ms_M_u32p0	2205622016
CustBattDiag_LVHSSet_ms_M_u32p0	3212237056
CustBattDiag_LVLSCClr_ms_M_u32p0	1496999680
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240
CustBattDiag_LVLSCIr_ms_M_u32p0	3829193472
CustBattDiag_LVLSSet_ms_M_u32p0	3810129152
CustBattDiag_LVSMCIr_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_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedT	
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 k_LVSMDetect ms_u16p0	1560 60334
	640
k_LVSMNotDetect_Volts_u10p6 k_LVSMNotDetect_ms_u16p0	58564
,	24.5667973
target_CustBattDiag_Per2_Batt_Volt_f32.value target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EratMT_Cnt_u08.value	0
target CustBattDiag Per2 SttdSelected Cnt Igc.value	1
target_CustBattDiag_Per2_StidSelected_Crit_lgc.value target_CustBattDiag_Per2_VehicleSpeedValid_Crit_lgc.value	0
targot_ouotoattorag_r orz_vornotcopecovanu_orit_igo.value	*





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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	1496999680	1496999680	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2035114240	2035114240	~
CustBattDiag_LVLSCIr_ms_M_u32p0	3829193472	3829193472	~
CustBattDiag_LVLSSet_ms_M_u32p0	3215775488	3215775488	•
CustBattDiag_LVSMCIr_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	~

Т				✓
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_LVHSCCIr_ms_M_u32p0	1863047680
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712
CustBattDiag_LVHSClr_ms_M_u32p0	2155177472
CustBattDiag_LVHSSet_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
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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 Input Value Rte_Inst_Ap_CustBattDiag target Rte Inst Ap CustBattDiag 2 Rte_Mode_Ap_CustBattDiag_SystemState_Mode() 320.638763 $k_CustBattDiagLOlspd_kph_f32$ 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 25334 k_LVCNotDetect_ms_u16p0 k LVHSCDetect Volts u10p6 256 k_LVHSCDetect_ms_u16p0 3146 k LVHSCNotDetect Volts u10p6 1664 k_LVHSCNotDetect_ms_u16p0 12982 256 k LVHSDetect Volts u10p6 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 3290 k_LVLSDetect_ms_u16p0 k_LVLSNotDetect_Volts_u10p6 1664 61904 k LVLSNotDetect ms u16p0 k_LVSMDetect_Volts_u10p6 256 k_LVSMDetect_ms_u16p0 59720 k_LVSMNotDetect_Volts_u10p6 1664 4124 k LVSMNotDetect ms u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 5 74556828 target CustBattDiag Per2 EngOn Cnt Igc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value n target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 185.706665 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \ 53879$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** $CustBattDiag_LOICIr_ms_M_u32p0$ 2155177472 2155177472 3904126464 3904126464 CustBattDiag_LOISet_ms_M_u32p0 2597762560 2597762560 CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 504629248 504629248 CustBattDiag LVHSCCIr ms M u32p0 1863047680 1863047680 CustBattDiag_LVHSCSet_ms_M_u32p0 2422131712 2422131712 CustBattDiag_LVHSClr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSCCIr_ms_M_u32p0 105614848 105614848 CustBattDiag_LVLSCSet_ms_M_u32p0 3262816256 3262816256 CustBattDiag_LVLSClr_ms_M_u32p0 3904126464 3904126464

Τ				✓
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	~

3904126464

3119022592

2449847296

3904126464

3119022592

2449847296

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0



Test Step 3.13 (Repeat Count = 1)			√
Name	Input Value		Ť
CustBattDiag_LOICIr_ms_M_u32p0	3559262720		
CustBattDiag LOISet ms M u32p0	4025515008		
CustBattDiag_LVCCIr_ms_M_u32p0	3320863232		
CustBattDiag_LVCSet_ms_M_u32p0	3019328512		
CustBattDiag_LVHSCCIr_ms_M_u32p0	2181086720		
CustBattDiag_LVHSCSet_ms_M_u32p0	2531217408		
CustBattDiag_LVHSClr_ms_M_u32p0	3559262720		
CustBattDiag_LVHSSet_ms_M_u32p0	4025515008		
CustBattDiag_LVLSCCIr_ms_M_u32p0	828944896		
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	4025312256 421828096		
CustBattDiag_LVLSSet ms M u32p0	3092047872		
CustBattDiag_LVSMCIr_ms_M_u32p0	3193038336		
CustBattDiag_LVSMSet_ms_M_u32p0	2637084672		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_O	P_GET_signal	
	target_Rte_Call_Ap_CustBattDiag_SystemTi		ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_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 k_LVCDetect_Volts_u10p6	26033 0		
k_LVCDetect_volis_u10p0	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 k_LVLSCNotDetect_Volts_u10p6	4315 0		
k_LVLSCNotDetect_voits_u1opo	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 target CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	1 326.560455		
target_CustBattDiag_Perz_venicleSpeed_Kpn_132.value target Rte Call Ap CustBattDiag EpsEn OP GET signal	1		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GE1_signal target Rte Call Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	:_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	oh_f32	
Name	Actual Value	Expected Value	Result
	1535664640	1535664640	•
CustBattDiag_LOICIr_ms_M_u32p0			
CustBattDiag_LOISet_ms_M_u32p0	1535664640	1535664640	~
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	3320863232	3320863232	•
CustBattDiag_LOISet_ms_M_u32p0			

CustBattDiag_Per2



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_LVLSCCIr_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)	· ·
	Input Value
	2456419840
	3795488768
<u> </u>	1769033216
9	923164672
	2441474560
	3877413888
	2456419840
	3795488768
- ·	3412272640
	2943481856
CustBattDiag LVLSCIr ms M u32p0	1041975808
	716684288
- ·	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
	target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 CurrentTime
	target Rte Inst Ap CustBattDiag 2
	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
	1088
k_LVHSCDetect_ms_u16p0	53911
k_LVHSCNotDetect_Volts_u10p6	1344
k_LVHSCNotDetect_ms_u16p0	27956
k_LVHSDetect_Volts_u10p6	832
	53190
	1344
	43852
k_LVLSCDetect_Volts_u10p6	832
	62125
	1344
	970
	832
	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	t_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	2456419840	2456419840	~
CustBattDiag_LOISet_ms_M_u32p0	300275200	300275200	~
CustBattDiag_LVCCIr_ms_M_u32p0	300275200	300275200	-
CustBattDiag_LVCSet_ms_M_u32p0	923164672	923164672	~
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	300275200	300275200	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2943481856	2943481856	~
CustBattDiag_LVLSCIr_ms_M_u32p0	1041975808	1041975808	~
CustBattDiag_LVLSSet_ms_M_u32p0	716684288	716684288	~
CustBattDiag_LVSMCIr_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_LOICIr_ms_M_u32p0	2456830464
CustBattDiag_LOISet_ms_M_u32p0	1464038400
CustBattDiag_LVCClr_ms_M_u32p0	3628634624
CustBattDiag_LVCSet_ms_M_u32p0	3985130496
CustBattDiag_LVHSCCIr_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_LVLSCIr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime

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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() 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 63074 $k_LVCNotDetect_ms_u16p0$ 1280 k_LVHSCDetect_Volts_u10p6 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 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 1 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 418.546173 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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_lg target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32$ **Expected Value** Actual Value Name Result CustBattDiag_LOICIr_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_LVHSCCIr_ms_M_u32p0 4279998976 4279998976 CustBattDiag_LVHSCSet_ms_M_u32p0 3884828672 3884828672 CustBattDiag_LVHSClr_ms_M_u32p0 2456830464 2456830464 CustBattDiag_LVHSSet_ms_M_u32p0 1464038400 1464038400 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 4279998976 4279998976 CustBattDiag_LVLSCSet_ms_M_u32p0 4279998976 4279998976 CustBattDiag_LVLSClr_ms_M_u32p0 2763476480 2763476480 CustBattDiag_LVLSSet_ms_M_u32p0 2168217600 2168217600 CustBattDiag_LVSMCIr_ms_M_u32p0 2551356928 2551356928 CustBattDiag_LVSMSet_ms_M_u32p0 2273062912 2273062912



Τ					
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_LOICIr_ms_M_u32p0	3235667712
CustBattDiag_LOISet_ms_M_u32p0	3073251584
CustBattDiag_LVCCIr_ms_M_u32p0	1892413184
CustBattDiag_LVCSet_ms_M_u32p0	2443979008
CustBattDiag_LVHSCCIr_ms_M_u32p0	3464028928
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584
CustBattDiag_LVLSCCIr_ms_M_u32p0	2596775680
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216
CustBattDiag_LVLSCIr_ms_M_u32p0	3513654016
custBattDiag_LVLSSet_ms_M_u32p0	444413184
sustBattDiag_LVSMClr_ms_M_u32p0	3096226560
ustBattDiag_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(Elaps	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentT	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
CustBattDiagLOIspd_kph_f32	379.606506
_CustBattDiaghispd_kph_f32	320.949524
_CustBattDiaglospd_kph_f32	320.064056
LOIDetect ms u16p0	36868
LOINotDetect ms u16p0	54309
_LVCDetect_Volts_u10p6	1728
_LVCDetect_wolid_u16p0	16816
_LVCNotDetect_Volts_u10p6	1216
LVCNotDetect ms u16p0	35502
_LVHSCDetect_Volts_u10p6	1280
LVHSCDetect_ms_u16p0	53260
_LVHSCNotDetect_Volts_u10p6	1216
_LVHSCNotDetect_ms_u16p0	48137
_LVHSDetect_Volts_u10p6	1728
_LVHSDetect_ms_u16p0	20654
_LVHSNotDetect_Volts_u10p6	1216
_LVHSNotDetect_ms_u16p0	16073
_LVLSCDetect_Volts_u10p6	1728
_LVLSCDetect_ms_u16p0	53710
_LVLSCNotDetect_Volts_u10p6	1216
_LVLSCNotDetect_ms_u16p0	50889
_LVLSDetect_Volts_u10p6	1728
_LVLSDetect_ms_u16p0	44747
_LVLSNotDetect_Volts_u10p6	1216
_LVLSNotDetect_ms_u16p0	54351
_LVSMDetect_Volts_u10p6	1728
_LVSMDetect_ms_u16p0	64665
_LVSMNotDetect_Volts_u10p6	1216
LVSMNotDetect_ms_u16p0	57406
rget_CustBattDiag_Per2_Batt_Volt_f32.value	9.92610836
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	130.187088
arget Rte Call Ap CustBattDiag EpsEn OP GET signal	130.167000
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GE1_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u1।	





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_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3235667712	3235667712	~
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	~
CustBattDiag_LVCCIr_ms_M_u32p0	1892413184	1892413184	~
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	2443979008	~
CustBattDiag_LVHSCCIr_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_LVLSCCIr_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_LVHSCCIr_ms_M_u32p0	3603496448
CustBattDiag_LVHSCSet_ms_M_u32p0	3010564096
CustBattDiag_LVHSClr_ms_M_u32p0	369773056
CustBattDiag_LVHSSet_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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
k_LVHSCNotDetect_ms_u16p0	46937

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CustBattDiag Per2

CustBattDiag_Per2			NAZOICAL
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_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_Ela	38873		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curren	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_InstAp_CustBattDiag_Per2_VehicleSpe$	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_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_LVLSCIr_ms_M_u32p0	1818547712	1818547712	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2249664512	2249664512	~
CustBattDiag_LVSMCIr_ms_M_u32p0	1973560832	1973560832	~

Status_Crit_1_erium		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

1080336896

0xE6

0x00

0x00

0xE4

0x00

1080336896

0xE6

0x00

0x00

0xE4

0x00

Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus

CustBattDiag_LVSMSet_ms_M_u32p0

NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum

NTC_Cnt_T_enum

Param_Cnt_T_u08





Test Step 3.18 (Repeat Count = 1)			~
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	161899008		
CustBattDiag_LOISet_ms_M_u32p0	2536412160		
CustBattDiag_LVCCIr_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_LVLSCIr_ms_M_u32p0	3126554112		
CustBattDiag_LVLSSet_ms_M_u32p0	1019576320		
CustBattDiag_LVSMCIr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	3209515008		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_0		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_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	11840		
k_LVCDetect_ms_u16p0	768		
k_LVCNotDetect_Volts_u10p6	47148		
k_LVCNotDetect_ms_u16p0	1792		
k_LVHSCDetect_Volts_u10p6	33797		
k_LVHSCDetect_ms_u16p0 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_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	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_Curren	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_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cr	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_legenderics and the property of th$	target_CustBattDiag_Per2_VehicleSpeedVa	lid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_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	•
		000040400	
CustBattDiag_LVHSCClr_ms_M_u32p0	606246400	606246400	
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	2001582592	2001582592	

161899008

161899008

CustBattDiag_LVHSClr_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	2536412160	2536412160	✓
CustBattDiag_LVLSCCIr_ms_M_u32p0	973343232	973343232	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	2001582592	2001582592	✓
CustBattDiag_LVLSCIr_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	✓

Τ				
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	~

Гest Step 3.19 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2998115584
CustBattDiag LOISet ms M u32p0	2707621632
CustBattDiag_LVCCIr_ms_M_u32p0	533900544
CustBattDiag LVCSet ms M u32p0	930912000
CustBattDiag LVHSCCIr ms M u32p0	3306094848
CustBattDiag LVHSCSet ms M u32p0	2353924864
CustBattDiag_LVHSCIr_ms_M_u32p0	2998115584
CustBattDiag_LVHSSet_ms_M_u32p0	2707621632
CustBattDiag LVLSCCIr ms M u32p0	171615488
CustBattDiag_LVLSCSet_ms_M_u32p0	856903424
CustBattDiag_LVLSCIr_ms_M_u32p0	2479126784
CustBattDiag LVLSSet ms M u32p0	55460608
CustBattDiag LVSMCIr 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	
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
CustBattDiagLOIspd kph f32	379.448914
	322.19455
	302.917297
	26905
LOINotDetect ms u16p0	41814
LVCDetect Volts u10p6	1472
LVCDetect ms u16p0	60494
LVCNotDetect Volts u10p6	1088
LVCNotDetect ms u16p0	31296
LVHSCDetect Volts u10p6	1536
LVHSCDetect ms u16p0	48062
LVHSCNotDetect Volts u10p6	1088
_LVHSCNotDetect_ms_u16p0	31643
_LVHSDetect_Volts_u10p6	1472
LVHSDetect ms u16p0	12538
LVHSNotDetect Volts u10p6	1088
_LVHSNotDetect_ms_u16p0	27061
LVLSCDetect Volts u10p6	1472
LVLSCDetect ms u16p0	18024
LVLSCNotDetect Volts u10p6	1088
LVLSCNotDetect ms u16p0	36935
_LVLSDetect_Volts_u10p6	1472
LVLSDetect ms u16p0	45507
:_LVLSNotDetect_Volts_u10p6	1088
	23156

CustBattDiag_Per2



			(
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder SpeedValid_Cnt_lgEnder SpeedVa$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3575485696	3575485696	✓
CustBattDiag_LOISet_ms_M_u32p0	3575485696	3575485696	✓
CustBattDiag_LVCCIr_ms_M_u32p0	533900544	533900544	✓
CustBattDiag_LVCSet_ms_M_u32p0	930912000	930912000	✓
CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0	171615488	171615488	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	856903424	856903424	✓
CustBattDiag_LVLSCIr_ms_M_u32p0	2479126784	2479126784	✓
CustBattDiag_LVLSSet_ms_M_u32p0	55460608	55460608	✓
CustBattDiag_LVSMCIr_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 An CustBattDiag SystemTime GetSystemTime mS u32	1	Rte Call An 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_LVCCIr_ms_M_u32p0	1892413184
CustBattDiag_LVCSet_ms_M_u32p0	2443979008
CustBattDiag_LVHSCCIr_ms_M_u32p0	3464028928
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584
CustBattDiag_LVLSCCIr_ms_M_u32p0	2596775680
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216
CustBattDiag_LVLSClr_ms_M_u32p0	3513654016
CustBattDiag_LVLSSet_ms_M_u32p0	444413184
CustBattDiag_LVSMCIr_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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CustBattDiag_Per2 Input Value k_LVCNotDetect_ms_u16p0 35502 k_LVHSCDetect_Volts_u10p6 1280 53260 k_LVHSCDetect_ms_u16p0 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 1216 k_LVLSNotDetect_Volts_u10p6 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 9.92610836 target_CustBattDiag_Per2_Batt_Volt_f32.value $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ 1 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 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 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ 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 $target_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_CustBattDiag_Per2_Veh$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_LOlClr_ms_M_u32p0	3235667712	3235667712	✓
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	✓
CustBattDiag_LVCCIr_ms_M_u32p0	1892413184	1892413184	✓
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	2443979008	✓
CustBattDiag_LVHSCCIr_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_LVLSCCIr_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	✓

Τ				✓
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_LOICIr_ms_M_u32p0	3235667712	
CustBattDiag_LOISet_ms_M_u32p0	3073251584	
CustBattDiag_LVCCIr_ms_M_u32p0	1892413184	



		
Name	Input Value	
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	
CustBattDiag_LVHSCCIr_ms_M_u32p0	3464028928	
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104	
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712	
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584	
CustBattDiag_LVLSCCIr_ms_M_u32p0	2596775680	
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216	
CustBattDiag_LVLSCIr_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_sign	gnal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	16(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_Dtrmnl	ElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSys	stemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0	
k_CustBattDiagLOIspd_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_voits_u16p0	16073	
	1728	
k_LVLSCDetect_Volts_u10p6	53710	
k_LVLSCDetect_ms_u16p0		
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_m	S_u32_Current 3454670592	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cr		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cr		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelecte		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpe		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpe		
Name	Actual Value Expecte	d Value Resul
	-	
CustBattDiag_LOICIr_ms_M_u32p0	3454670592 34546705 3454670502 34546705	
CustBattDiag_LOISet_ms_M_u32p0	3454670592 34546705 49924424	· · =
CustBattDiag_LVCCIr_ms_M_u32p0	1892413184 18924131	
CustBattDiag_LVCSet_ms_M_u32p0	2443979008 24439790	
CustBattDiag_LVHSCCIr_ms_M_u32p0	3454670592 34546705	
CustBattDiag_LVHSCSet_ms_M_u32p0	3454670592 34546705	
CustBattDiag_LVHSClr_ms_M_u32p0	3235667712 32356677	
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584 30732515	584
CustBattDiag_LVLSCClr_ms_M_u32p0	3454670592 34546705	592
CustBattDiag LVLSCSet ms M u32p0	1802281216 18022812	216
CustbattDiag_EvE3C3et_IIIs_M_u32p0		
CustBattDiag_LVLSCSet_ms_M_u32p0	3513654016 35136540	016

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMClr_ms_M_u32p0	3096226560	3096226560	~
CustBattDiag_LVSMSet_ms_M_u32p0	1233274112	1233274112	~

Τ				V
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	~