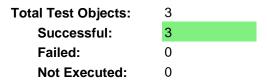
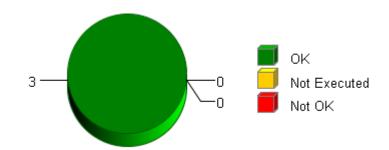


Summary

Overall Test Object Results (including Coverage)



Date: 2015-04-21 **Time:** 11:31:03+0530



Selected Project Items

Test Collection "CustBattDiag"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

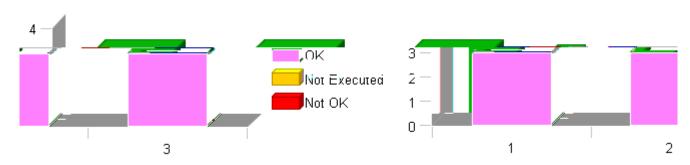
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: Yes

Instrumentation: Test Object Only

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

Decision Coverage, Multiple Condition Coverage

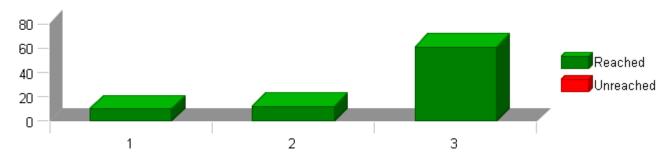
Test Case Results for Each Test Object (without Coverage)



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).

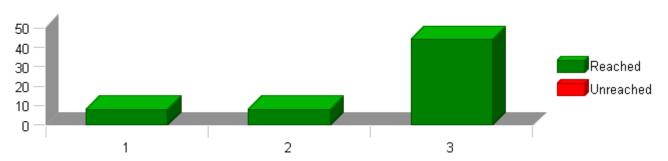


Statement (C0) Coverage: Total Statements for Each Test Object



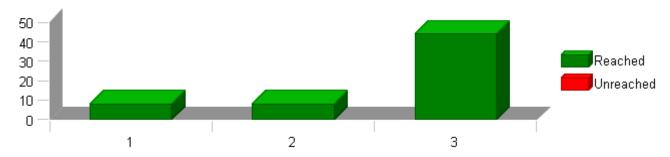
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

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

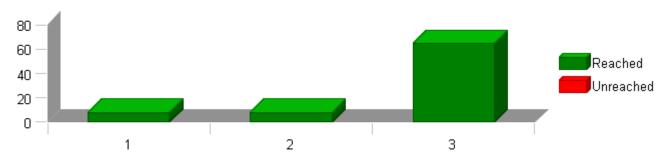


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



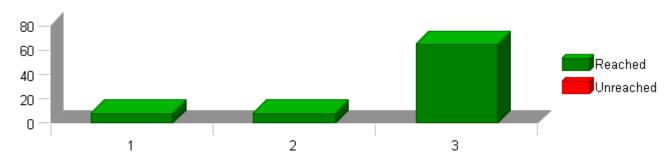
MC/DC Coverage: Total Condition Combinations for Each Test Object



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	MCC	Test Cases Res	sult
	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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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\trule -

Comments/Description/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):737 Total RAM Used (Bytes):737 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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd				
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>				
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				





```
Specification

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

1.1 802 Cycles

1.2 5570 Cycles

1.2 5570 Cycles

Vector Description

Vector Description

Yector Description

TS1.1"(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_OPERATE) |=> True (Poly Kph_T, 12 >=> True (Poly Kph_T, 12 >==> True (Poly Kph_T, 12 >==> True (Poly Kph_T, 12 >== FALSE) && (EngEn_Cnt_T_Igc == TRUE)) |=>=> False (EpsEn_Cnt_T_Igc == TRUE) ||
(EavenSpdHi_Cnt_T_enum_= RTE_MODE_StaMd_Mode_WARMINIT) ||
(SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE) ||
(BattVoltage_Volts_T_u10p6 > k_LVHSCONIDetect_Volts_u10p6) ==> False
(EtaMt_Cnt_T_u08 == D_STARTING_CNT_U08) ||
(EtaMt_Cnt_T_u08 == D_S
```

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_LVHSCClr_ms_M_u32p0	0
CustBattDiag_LVHSCSet_ms_M_u32p0	0
CustBattDiag_LVHSClr_ms_M_u32p0	0
CustBattDiag_LVHSSet_ms_M_u32p0	0
CustBattDiag_LVLSCClr_ms_M_u32p0	0
CustBattDiag_LVLSCSet_ms_M_u32p0	0
CustBattDiag_LVLSClr_ms_M_u32p0	0
CustBattDiag_LVLSSet_ms_M_u32p0	0
CustBattDiag_LVSMClr_ms_M_u32p0	0
CustBattDiag_LVSMSet_ms_M_u32p0	0
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_lgc.value	0			
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	0			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	0			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn			
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	· · · · · · · · · · · · · · · · · · ·			
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	0	0	~	
CustBattDiag_LOISet_ms_M_u32p0	0	0	✓	
CustBattDiag_LVCCIr_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	~	

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	_		

0

0

0

0

0

0

0

0

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	

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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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 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 12982 k LVHSCNotDetect ms u16p0 k_LVHSDetect_Volts_u10p6 256 k_LVHSDetect_ms_u16p0 28349 k_LVHSNotDetect_Volts_u10p6 1664 k_LVHSNotDetect_ms_u16p0 5772 k_LVLSCDetect_Volts_u10p6 256 k_LVLSCDetect_ms_u16p0 18681 k LVLSCNotDetect Volts u10p6 1664 k_LVLSCNotDetect_ms_u16p0 19274 256 k LVLSDetect Volts u10p6 k_LVLSDetect_ms_u16p0 3290 k LVLSNotDetect Volts u10p6 1664 k_LVLSNotDetect_ms_u16p0 61904 k LVSMDetect Volts u10p6 256 k_LVSMDetect_ms_u16p0 59720 k LVSMNotDetect Volts u10p6 1664 k_LVSMNotDetect_ms_u16p0 4124 target_CustBattDiag_Per2_Batt_Volt_f32.value 5.74556828 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 1 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 4 0 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$ $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 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 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_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 Result CustBattDiag_LOICIr_ms_M_u32p0 3904126464 3904126464 2346596352 2346596352 CustBattDiag LOISet ms M u32p0 CustBattDiag_LVCClr_ms_M_u32p0 2597762560 2597762560 CustBattDiag_LVCSet_ms_M_u32p0 504629248 504629248 CustBattDiag_LVHSCCIr_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSCSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVHSClr_ms_M_u32p0 2155177472 2155177472 CustBattDiag_LVHSSet_ms_M_u32p0 2346596352 2346596352 $CustBattDiag_LVLSCCIr_ms_M_u32p0$ 3904126464 3904126464 CustBattDiag_LVLSCSet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVLSClr_ms_M_u32p0 2954113536 2954113536 CustBattDiag_LVLSSet_ms_M_u32p0 543482880 543482880 CustBattDiag LVSMCIr ms M u32p0 3904126464 3904126464 CustBattDiag_LVSMSet_ms_M_u32p0 3904126464 3904126464 0xE8 NTC Cnt T enum 0xE8 Param_Cnt_T_u08 0x00 0x00 Status Cnt T enum 0x00 0x00 NTC_Cnt_T_enum 0xE8 0xF8 Param Cnt T u08 0x00 0x00 Status_Cnt_T_enum 0x00 0x00

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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	~			
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
TS2.3 804 Cycles
TS2.3 804 Cycles
TS2.5 804 Cycles
TS2.6 804 Cycles
TS2.6 804 Cycles
TS2.7 5605 Cycles
TS2.8 5022 Cycles
TS2.8 5022 Cycles
TS2.10 803 Cycles
TS2.11 803 Cycles
TS2.11 5320 Cycles
TS2.12 5320 Cycles
TS2.13 5324 Cycles
TS2.14 5624 Cycles TS2.13 5324 Cycles TS2.14 5624 Cycles TS2.15 803 Cycles TS2.16 803 Cycles TS2.17 804 Cycles TS2.18 802 Cycles TS2.19 802 Cycles
TS2.20 1813 Cycles
TS2.20 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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CustBattDiag_Per2



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
TS2.140 502 Cycles
TS2.141 805 Cycles
TS2.142 803 Cycles
TS2.143 804 Cycles
TS2.144 804 Cycles
TS2.145 803 Cycles
TS2.146 802 Cycles
TS2.147 5016 Cycles
TS2.148 805 Cycles
TS2.149 803 Cycles
TS2.149 805 Cycles
TS2.149 805 Cycles
TS2.149 805 Cycles
TS2.151 805 Cycles
TS2.151 805 Cycles
TS2.153 802 Cycles
TS2.154 802 Cycles
TS2.155 805 Cycles
TS2.155 805 Cycles
TS2.156 8526 Cycles
TS2.157 805 Cycles
TS2.157 805 Cycles
TS2.159 803 Cycles

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Description

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_LVCClr_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_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_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	0
k_CustBattDiaghispd_kph_f32	0

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CustBattDlag_Per2			TOLOTO
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	0		
k_LVSMNotDetect_ms_u16p0	0		
target_CustBattDiag_Per2_Batt_Volt_f32.value	5		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	0		
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 VehicleSpeedVali	id Cnt Igc	
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_LVCCIr_ms_M_u32p0	0	0	_
CustBattDiag_LVCSet_ms_M_u32p0	0	0	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	0	0	_
CustBattDiag_LVHSCSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVHSCIr_ms_M_u32p0	0	0	_
CustBattDiag LVHSSet ms M u32p0	0	0	·
CustBattDiag_LVLSCCIr_ms_M_u32p0	0	0	
CustBattDiag_LVLSCSet ms M u32p0	0	0	
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	0	0	
CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	0	0	
CustBattDiag_LVSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	0	0	
CustBattDiag_LVSMCir_ms_in_u32p0 CustBattDiag_LVSMSet ms M u32p0	0	0	
Outside Ling_Lv Olvide Ling_iv_uszpu	Į v	U	

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

CustBattDiag_Per2

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CustbattDiag_Per2		(GEC)	<i>3</i> 40
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_LVLSCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVLSClr_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_C	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_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	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	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	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	4294967295	4294967295	•
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295	•
CustBattDiag_LVCClr_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_LVLSCIr_ms_M_u32p0	4294967295	4294967295	-
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	•
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	~

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	~

Fest Step 2.3 (Repeat Count = 1)	Input Value
	•
	1315550208 249214464
0	574522368
100	3415213568
3 <u> </u>	985139200
<u> </u>	284466368
0	1315550208
0	249214464 1776131072
0	3208306176
9	2191433728
0	
	1202487808
<u> </u>	359559168
0	815059456
	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
_	361.123383
	227.98941
	65.9257507
	60720
	48976
	1984
	23181
	256
	61743
	128
	20602
	256
'	33580
	1984
	48793
	256
	52295
	1984
	16224
	256
	62561
	1984
	19601
	256
	44338
:	1984
_LVSMDetect_ms_u16p0	25286
_LVSMNotDetect_Volts_u10p6	256
_LVSMNotDetect_ms_u16p0	35199
0 _ 0	5
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.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 SystemTime DtrmnElapsedTime mS u16 Elap	15439
	2017643520
	target_CustBattDiag_Per2_Batt_Volt_f32
	target_CustBattDiag_Per2_EngOn_Cnt_lgc



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_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		
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_LVLSCIr_ms_M_u32p0	2118312704
CustBattDiag LVLSSet ms M u32p0	958479616
CustBattDiag_LVSMClr_ms_M_u32p0	2299753216
CustBattDiag_LVSMSet_ms_M_u32p0	1135103232
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(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
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

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Name	Input Value		
k_LVLSNotDetect_ms_u16p0	21768		
k_LVSMDetect_Volts_u10p6	320		
k_LVSMDetect_ms_u16p0	2802		
k_LVSMNotDetect_Volts_u10p6	320		
k_LVSMNotDetect_ms_u16p0	6079		
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	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	122.23629		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	46743		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\$	3037093632		
target_Rte_Inst_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_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	3037093632	3037093632	~
CustBattDiag_LOISet_ms_M_u32p0	3037093632	3037093632	•
CustBattDiag_LVCClr_ms_M_u32p0	1811101440	1811101440	•
CustBattDiag_LVCSet_ms_M_u32p0	2424746240	2424746240	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	3717638912	3717638912	~
CustBattDiag_LVHSCSet_ms_M_u32p0	203179264	203179264	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3492914944	3492914944	~
CustBattDiag_LVHSSet_ms_M_u32p0	2372313344	2372313344	~
CustBattDiag_LVLSCClr_ms_M_u32p0	2406870784	2406870784	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2397448448	2397448448	~
CustBattDiag_LVLSClr_ms_M_u32p0	2118312704	2118312704	~
CustBattDiag_LVLSSet_ms_M_u32p0	958479616	958479616	~
CustBattDiag_LVSMClr_ms_M_u32p0	2299753216	2299753216	~
CustBattDiag_LVSMSet_ms_M_u32p0	1135103232	1135103232	~

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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Test Step 2.5 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2389036544
CustBattDiag_LOISet_ms_M_u32p0	2066669568
CustBattDiag_LVCClr_ms_M_u32p0	1969298944
CustBattDiag_LVCSet_ms_M_u32p0	3322851328
CustBattDiag_LVHSCCIr_ms_M_u32p0	793166336
CustBattDiag_LVHSCSet_ms_M_u32p0	1386083328
CustBattDiag_LVHSClr_ms_M_u32p0	2389036544
CustBattDiag_LVHSSet_ms_M_u32p0	2066669568
CustBattDiag_LVLSCClr_ms_M_u32p0	2612590080
CustBattDiag_LVLSCSet_ms_M_u32p0	3201320960
CustBattDiag_LVLSClr_ms_M_u32p0	1679956480
CustBattDiag_LVLSSet_ms_M_u32p0	896470016
CustBattDiag_LVSMClr_ms_M_u32p0	4193282560
CustBattDiag_LVSMSet_ms_M_u32p0	3323583488
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	258.391693
k_CustBattDiaghispd_kph_f32	485.589508
k_CustBattDiaglospd_kph_f32	241.509048
k_LOIDetect_ms_u16p0	65135
k_LOINotDetect_ms_u16p0	28358
k_LVCDetect_Volts_u10p6	1216
k_LVCDetect_ms_u16p0	50615

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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_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	381.458618		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	952608256		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lg	gc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_0	Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgUstBattDiag_Per2_VehicleSpeedValid_Cnt_Ig$			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_	_Kph_f32	
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	952608256	952608256	
CustBattDiag_LOISet_ms_M_u32p0	952608256	952608256	· · · · · · · · · · · · · · · · · · ·
CustBattDiag_LVCClr_ms_M_u32p0	1969298944	1969298944	
CustBattDiag_LVCSet_ms_M_u32p0	3322851328	3322851328	•
CustBattDiag_LVHSCClr_ms_M_u32p0	793166336	793166336	
CustBattDiag_LVHSCSet_ms_M_u32p0	1386083328	1386083328	•
CustBattDiag_LVHSClr_ms_M_u32p0	2389036544	2389036544	•
CustBattDiag_LVHSSet_ms_M_u32p0	2066669568	2066669568	•
CustBattDiag_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	•
	4193282560	4193282560	
CustBattDiag_LVSMClr_ms_M_u32p0	4133202300	1100202000	

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

Test Step 2.6 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_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	

CustBattDiag Per2

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Input Value CustBattDiag LVLSCSet ms M u32p0 3201320960 1679956480 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag LVLSSet ms M u32p0 896470016 CustBattDiag_LVSMClr_ms_M_u32p0 4193282560 CustBattDiag_LVSMSet_ms_M_u32p0 3323583488 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime$ Rte_Inst_Ap_CustBattDiag target_Rte_Inst_Ap_CustBattDiag_2 $Rte_Mode_Ap_CustBattDiag_SystemState_Mode()$ k_CustBattDiagLOlspd_kph_f32 258.391693 485 589508 k CustBattDiaghispd kph f32 k_CustBattDiaglospd_kph_f32 241.509048 k LOIDetect ms u16p0 65135 k_LOINotDetect_ms_u16p0 28358 1216 k LVCDetect Volts u10p6 k_LVCDetect_ms_u16p0 50615 k_LVCNotDetect_Volts_u10p6 384 k_LVCNotDetect_ms_u16p0 34455 k_LVHSCDetect_Volts_u10p6 512 k_LVHSCDetect_ms_u16p0 37514 k_LVHSCNotDetect_Volts_u10p6 384 k_LVHSCNotDetect_ms_u16p0 33790 k_LVHSDetect_Volts_u10p6 1216 k_LVHSDetect_ms_u16p0 6626 k_LVHSNotDetect_Volts_u10p6 384 k_LVHSNotDetect_ms_u16p0 1072 k_LVLSCDetect_Volts_u10p6 1216 k LVLSCDetect ms u16p0 1922 k_LVLSCNotDetect_Volts_u10p6 384 k LVLSCNotDetect ms u16p0 45759 k LVLSDetect Volts u10p6 1216 k LVLSDetect ms u16p0 17016 k_LVLSNotDetect_Volts_u10p6 384 k_LVLSNotDetect_ms_u16p0 56402 k LVSMDetect Volts u10p6 1216 54939 k_LVSMDetect_ms_u16p0 k_LVSMNotDetect_Volts_u10p6 384 k LVSMNotDetect ms u16p0 3403 target_CustBattDiag_Per2_Batt_Volt_f32.value 13.1300001 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 target CustBattDiag Per2 EtatMT Cnt u08.value 9 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 0 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 10989 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 952608256 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target CustBattDiag Per2 EtatMT Cnt u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt 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 952608256 952608256 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 2066669568 2066669568 CustBattDiag LVHSSet ms M u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0 2612590080 2612590080 3201320960 CustBattDiag LVLSCSet ms M u32p0 3201320960 CustBattDiag_LVLSClr_ms_M_u32p0 1679956480 1679956480 896470016 896470016 CustBattDiag LVLSSet ms M u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 4193282560 4193282560

3323583488

3323583488

CustBattDiag LVSMSet ms M u32p0



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	~

est Step 2.7 (Repeat Count = 1)	
ame	Input Value
ustBattDiag_LOICIr_ms_M_u32p0	2027075584
ustBattDiag_LOISet_ms_M_u32p0	3140770304
ustBattDiag_LVCCIr_ms_M_u32p0	2955446272
ustBattDiag_LVCSet_ms_M_u32p0	1234348544
ustBattDiag_LVHSCClr_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
ustBattDiag LVLSCSet ms M u32p0	2921398784
ustBattDiag_LVLSCIr_ms_M_u32p0	4216415232
ustBattDiag LVLSSet ms M u32p0	3646285312
ustBattDiag_LVSMCIr_ms_M_u32p0	269628416
ustBattDiag_LVSMSet_ms_M_u32p0	1406612992
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_c_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
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
re_Mode_Ap_CustBattDiag_SystemState_Mode()	2
CustBattDiagLOIspd_kph_f32	162.546951
CustBattDiaghispd_kph_f32	415.459473
CustBattDiaglospd_kph_f32	171.66716
LOIDetect_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
vvbbbeect_ms_u10p6	1088
LVLSNotDetect ms u16p0	62983
LVSMDetect Volts u10p6	128
LVSMDetect ms u16p0	39718
LVSMNotDetect Volts u10p6	
	1088 45828
_LVSMNotDetect_ms_u16p0	
rget_CustBattDiag_Per2_Batt_Volt_f32.value	20.7224941
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
rget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
rget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512
rget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
rget Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	46212
$rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	906186752
rget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
rget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
rget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
rget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target oustbattblag i ciz ottuocictica ont ige

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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	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_LVLSClr_ms_M_u32p0	4216415232	4216415232	~
CustBattDiag_LVLSSet_ms_M_u32p0	3646285312	3646285312	~
CustBattDiag_LVSMClr_ms_M_u32p0	269628416	269628416	~
CustBattDiag_LVSMSet_ms_M_u32p0	1406612992	1406612992	~
NTC_Cnt_T_enum	0xE8	0xE8	~
Param_Cnt_T_u08	0x01	0x01	~
Status_Cnt_T_enum	0x01	0x01	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	-
ControlTimers	1	ControlTimers	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	-

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag LOICIr ms M u32p0	705075968
CustBattDiag LOISet ms M u32p0	1810478336
CustBattDiag LVCClr ms M u32p0	3745852160
CustBattDiag LVCSet ms M u32p0	3725509888
CustBattDiag_LVHSCCIr_ms_M_u32p0	339533568
CustBattDiag_LVHSCSet_ms_M_u32p0	3265435904
CustBattDiag_LVHSCIr_ms_M_u32p0	705075968
CustBattDiag_LVHSSet_ms_M_u32p0	1810478336
CustBattDiag_LVLSCCIr_ms_M_u32p0	4246823680
CustBattDiag_LVLSCSet_ms_M_u32p0	2009316608
CustBattDiag_LVLSCIr_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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CustBattDiag Per2

CustBattDiag_Per2		MAZ	CICAL
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 Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	104.126129		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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_Cnt	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_Kp		
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	315937536	315937536	- Result
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_LVHSCIr_ms_M_u32p0	705075968	705075968	
CustBattDiag_LVHSCtt_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	315937536	315937536	
CustBattDiag_LVHSSet_Inis_M_us2p0 CustBattDiag_LVLSCCIr ms M_us2p0	4246823680	4246823680	
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	2009316608	2009316608	
CustBattDiag_LVLSCSet_Itis_ivi_u32p0	1144690432	1144690432	
CustBattDiag_LVLSCir_ms_iv_u3zp0 CustBattDiag_LVLSSet_ms_M_u32p0	315937536	315937536	-
	3443009280	3443009280	
CustBattDiag_LVSMClr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0			~
	1349591296	1349591296	
NTC_Cnt_T_enum	0xE1	0xE1 0x00	
Param_Cnt_T_u08 Status_Cat_T_equip	0x00	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_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~

0x00

0x00

Test Step 2.9 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	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 $CustBattDiag_LVLSClr_ms_M_u32p0$ 3255500288 CustBattDiag_LVLSSet_ms_M_u32p0 2768474112 $CustBattDiag_LVSMClr_ms_M_u32p0$ 3511832064 CustBattDiag_LVSMSet_ms_M_u32p0 2081382400 $Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)$ target Rte Call Ap CustBattDiag EpsEn OP GET signal $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_ms_u16_E$ 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 CustBattDiag_LVHSSet_ms_M_u32p0 2586593792 2586593792 V CustBattDiag_LVLSCCIr_ms_M_u32p0 2173082112 2173082112

596085760

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CustBattDiag_LVLSCSet_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSClr_ms_M_u32p0	2586593792	2586593792	~
CustBattDiag_LVLSSet_ms_M_u32p0	2586593792	2586593792	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3511832064	3511832064	~
CustPottDiag I VCMCst ms M u22s0	2001202400	2001202400	

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
ustBattDiag_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_Elap	5635		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3670140160		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	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	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_LVLSClr_ms_M_u32p0	1861601536	1861601536	~
CustBattDiag_LVLSSet_ms_M_u32p0	382997248	382997248	~
CustBattDiag_LVSMClr_ms_M_u32p0	1113577728	1113577728	~
CustBattDiag_LVSMSet_ms_M_u32p0	1156621056	1156621056	~

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

Test Step 2.11 (Repeat Count = 1)	
Name	Input Value
CustBattDiag LOICIr ms M u32p0	3467104000
CustBattDiag LOISet ms M u32p0	1436748032
CustBattDiag LVCCIr 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	(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Cu	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	265.324677
_CustBattDiaghispd_kph_f32	309.285675
_CustBattDiaglospd_kph_f32	45.3836021
_LOIDetect_ms_u16p0	36263
_LOINotDetect_ms_u16p0	22895
_LVCDetect_Volts_u10p6	1664
LVCDetect_ms_u16p0	25819
_LVCNotDetect_Volts_u10p6	320
_LVCNotDetect_ms_u16p0	35392
LVHSCDetect_Volts_u10p6	768
:_LVHSCDetect_ms_u16p0	3195
_LVHSCNotDetect_Volts_u10p6	320
_LVHSCNotDetect_ms_u16p0	6974
c_LVHSDetect_Volts_u10p6	1664
_LVHSDetect_ms_u16p0	20123
c_LVHSNotDetect_Volts_u10p6	320
<_LVHSNotDetect_ms_u16p0	27170

CustBattDiag_Per2

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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_t	f32 target_CustBattDiag_Per2_V	ehicleSpeed_Kph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	1902610176	1902610176	~
CustBattDiag_LOISet_ms_M_u32p0	1902610176	1902610176	✓
CustBattDiag_LVCClr_ms_M_u32p0	2759024384	2759024384	✓
CustBattDiag_LVCSet_ms_M_u32p0	2019367168	2019367168	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3138605824	3138605824	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3378720000	3378720000	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3467104000	3467104000	✓
CustBattDiag_LVHSSet_ms_M_u32p0	1902610176	1902610176	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1889605376	1889605376	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1881116928	1881116928	✓
CustBattDiag_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	✓

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	~
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)			✓
Name	Input Value		
CustBattDiag_LOIClr_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 CustBattDiag_LVHSCIr_ms_M_u32p0	946420736 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_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_C	P_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	е
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	307.761597		
k_CustBattDiaghispd_kph_f32	505.83429		
k_CustBattDiaglospd_kph_f32	103.274986		
k_LOIDetect_ms_u16p0	15147		
k_LOINotDetect_ms_u16p0 k_LVCDetect_Volts_u10p6	704		
k_LVCDetect_ms_u16p0	56591		
k_LVCNotDetect_Volts_u10p6	1984		
k LVCNotDetect ms u16p0	36474		
k_LVHSCDetect_Volts_u10p6	1856		
k_LVHSCDetect_ms_u16p0	37359		
k_LVHSCNotDetect_Volts_u10p6	1984		
k LVHSCNotDetect ms u16p0	8510		
k_LVHSDetect_Volts_u10p6	704		
k_LVHSDetect_ms_u16p0	37809		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65457		
k_LVLSCDetect_Volts_u10p6	704		
k_LVLSCDetect_ms_u16p0	22176		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	23531		
k_LVLSDetect_Volts_u10p6	704		
k_LVLSDetect_ms_u16p0	8174		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6	704		
k_LVSMDetect_voits_u10p0	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 Igc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	114.504883		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	31718		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	1514417664		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_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	1	
Name	Actual Value	Expected Value	Result
0+D-++D: 0.101 M00-0	1514417664	1514417664	~
CustBattDiag_LOICIr_ms_M_u32p0			
CustBattDiag_LOISet_ms_M_u32p0	1514417664	1514417664	
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0	1585489408	1585489408	•
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	1585489408 3391846400	1585489408 3391846400	•
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0	1585489408	1585489408	

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CustBattDiag_LVHSCIr_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_LVLSCIr_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		

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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	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Nome	Actual Value	Expected Value	Booule

target_CustBattDlag_Per2_venicleSpeed_K	.pn_t32	
Actual Value	Expected Value	Result
1514417664	1514417664	~
1514417664	1514417664	~
1514417664	1514417664	~
1514417664	1514417664	~
1514417664	1514417664	~
1514417664	1514417664	•
2107856384	2107856384	~
4128876544	4128876544	~
1514417664	1514417664	~
1514417664	1514417664	~
2080055808	2080055808	~
4165030912	4165030912	~
3398136320	3398136320	~
1677599744	1677599744	•
	Actual Value 1514417664 1514417664 1514417664 1514417664 1514417664 2107856384 4128876544 1514417664 2080055808 4165030912 3398136320	1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 2107856384 4128876544 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 1514417664 2080055808 4165030912 3398136320 3398136320

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

Test Step 2.14 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3778838528
CustBattDiag_LOISet_ms_M_u32p0	1857380864
CustBattDiag_LVCClr_ms_M_u32p0	2978238464
CustBattDiag_LVCSet_ms_M_u32p0	534098432
CustBattDiag_LVHSCClr_ms_M_u32p0	76911616
CustBattDiag_LVHSCSet_ms_M_u32p0	2543949312
CustBattDiag_LVHSClr_ms_M_u32p0	3778838528
CustBattDiag_LVHSSet_ms_M_u32p0	1857380864
CustBattDiag_LVLSCClr_ms_M_u32p0	1414653952
CustBattDiag_LVLSCSet_ms_M_u32p0	989006336
CustBattDiag_LVLSCIr_ms_M_u32p0	4247956480
CustBattDiag_LVLSSet_ms_M_u32p0	536505856
CustBattDiag_LVSMClr_ms_M_u32p0	1623555072
CustBattDiag_LVSMSet_ms_M_u32p0	2652749312
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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 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

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	_

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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

CustBattDiag_Per2		MACIL	AG
Name	Input Value		
CustBattDiag_LVHSCSet_ms_M_u32p0	647102720		
CustBattDiag_LVHSClr_ms_M_u32p0	2984854272		
CustBattDiag_LVHSSet_ms_M_u32p0	2139528448		
CustBattDiag_LVLSCClr_ms_M_u32p0	3494447872		
CustBattDiag_LVLSCSet_ms_M_u32p0	2205000960		
CustBattDiag_LVLSClr_ms_M_u32p0	1035386624		
CustBattDiag_LVLSSet_ms_M_u32p0	2665969920		
CustBattDiag_LVSMCIr_ms_M_u32p0	2721992448		
CustBattDiag_LVSMSet_ms_M_u32p0	2512226560		
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			ie
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	target_Rte_Inst_Ap_CustBattDiag_2		
k_CustBattDiagLOIspd_kph_f32	455.42337		
k_CustBattDiaghispd_kph_f32	58.7999535		
k_CustBattDiaglospd_kph_f32	318.157135		
k LOIDetect ms u16p0	12169		
k LOINotDetect ms u16p0	44427		
k_LVCDetect_Volts_u10p6	1408		
k_LVCDetect_ms_u16p0	40179		
k_LVCNotDetect_Volts_u10p6	320		
k_LVCNotDetect_ms_u16p0	34210		
k_LVHSCDetect_Volts_u10p6	1920		
k_LVHSCDetect_ms_u16p0	12686		
k_LVHSCNotDetect_Volts_u10p6	320		
k_LVHSCNotDetect_ms_u16p0	63779		
k_LVHSDetect_Volts_u10p6	1408		
k_LVHSDetect_ms_u16p0	45064		
k_LVHSNotDetect_Volts_u10p6	320		
k_LVHSNotDetect_ms_u16p0	15838		
k_LVLSCDetect_Volts_u10p6	1408		
k_LVLSCDetect_ms_u16p0	17034		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0 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	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	182.276062		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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		
	0 - 0 00		
target_Rte_Inst_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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn		
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	571636480	571636480	resuit
CustBattDiag_LOIGII_mis_M_uszp0 CustBattDiag_LOISet ms M_us2p0	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	✓

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 $CustBattDiag_LVSMClr_ms_M_u32p0$

 $CustBattDiag_LVSMSet_ms_M_u32p0$

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Name	Input Value		
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	1881984256	1881984256	~
CustBattDiag_LOISet_ms_M_u32p0	1881984256	1881984256	~
CustBattDiag_LVCCIr_ms_M_u32p0	2548992	2548992	~
CustBattDiag_LVCSet_ms_M_u32p0	3865677568	3865677568	•
CustBattDiag_LVHSCCIr_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_LVLSCClr_ms_M_u32p0	3130514688	3130514688	~
CustBattDiag_LVLSCSet_ms_M_u32p0	628180736	628180736	✓
CustBattDiag_LVLSClr_ms_M_u32p0	2761109760	2761109760	~
CustBattDiag_LVLSSet_ms_M_u32p0	450476800	450476800	•
CustBattDiag_LVSMClr_ms_M_u32p0	1071071488	1071071488	~
CustBattDiag_LVSMSet_ms_M_u32p0	3202370304	3202370304	•

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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 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	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()	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
z_LVCNotDetect_Volts_u10p6	1664
_LVCNotDetect_ms_u16p0	17572
_LVHSCDetect_Volts_u10p6	576
z_LVHSCDetect_ms_u16p0	18026
_LVHSCNotDetect_Volts_u10p6	1664
_LVHSCNotDetect_ms_u16p0	62781
_LVHSDetect_Volts_u10p6	1216
_LVHSDetect_ms_u16p0	6379
_LVHSNotDetect_Volts_u10p6	1664
z_LVHSNotDetect_ms_u16p0	32746
LVLSCDetect_Volts_u10p6	1216
_LVLSCDetect_ms_u16p0	22455
_LVLSCNotDetect_Volts_u10p6	1664
_LVLSCNotDetect_ms_u16p0	30850
	1216
	8234
LVLSNotDetect_Volts_u10p6	1664
<_LVLSNotDetect_ms_u16p0	44740
k_LVSMDetect_Volts_u10p6	1216

CustBattDiag_Per2

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_LVLSClr_ms_M_u32p0

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Iquelles (Continued on the Continued on the Conti$	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	4069284864	4069284864	-
CustBattDiag_LOISet_ms_M_u32p0	4069284864	4069284864	•
CustBattDiag_LVCClr_ms_M_u32p0	1761481728	1761481728	-
CustBattDiag_LVCSet_ms_M_u32p0	1834882560	1834882560	-
CustBattDiag_LVHSCCIr_ms_M_u32p0	4071921664	4071921664	-

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_I	Mode	1	~
Dt- O-II A- Ov-tD-HD: FF- OD OFT				١.	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET		1	~

1210137088

1631929344

421840384

1401629696

2502356480

1542008832

1210137088

1631929344

421840384

1401629696 2502356480

1542008832

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_LVHSCClr_ms_M_u32p0	1101517312
CustBattDiag_LVHSCSet_ms_M_u32p0	2756281344
CustBattDiag_LVHSClr_ms_M_u32p0	1788730880
CustBattDiag_LVHSSet_ms_M_u32p0	3997790208
CustBattDiag_LVLSCClr_ms_M_u32p0	1431504384
CustBattDiag_LVLSCSet_ms_M_u32p0	714921984
CustBattDiag_LVLSCIr_ms_M_u32p0	1380002304
CustBattDiag_LVLSSet_ms_M_u32p0	1955109888
CustBattDiag_LVSMCIr_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_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

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	CusibaliDiag_Per2		•	MACTUMU .
LVMSCDeed, Vols, u1096	Name	Input Value		
K_UNSCNODemed, Volts_u10p6	k LVHSCDetect Volts u10p6			
KLMSCNONDenet Vots u10p6	k LVHSCDetect ms u16p0	48762		
K_UNSCNADDED_100		960		
K_LVHSDebect_Volts_u1rbps		43292		
LV-NSNODeset_mg_16p0 51066 576 LV-NS-Dottect_wob_10p6 576 LV-NS-Dottect_wob_10p6 576 LV-NS-Dottect_wob_10p6 576 LV-NS-Dottect_wob_10p6 576 LV-NS-Dottect_wob_10p6 5776 500		576		
K_LVIS.Scheet_ms_u16p0	k LVHSDetect ms u16p0	40261		
K_LVLS.CONCIDENCE_Volum_u10p6 k_LVLS.CONCIDENCE_Tom_u10p6 k_LVLS.CONCIDE	k LVHSNotDetect Volts u10p6	960		
	k_LVHSNotDetect_ms_u16p0	51056		
K_UNSCANDEDECT MS_U1690	k_LVLSCDetect_Volts_u10p6	576		
K_LVS.Chotcleet_Unit_u16p0	k_LVLSCDetect_ms_u16p0	16658		
K_LVS.NoDesct_Volts_u10p6 k_LVS.NoDesct_ms_u16p0 k_LVS.NoDesct_ms_u16p0 k_LVS.NoDesct_ms_u16p0 k_LVS.NoDesct_ms_u16p0 k_LVS.NoDesct_Volts_u10p6 576 k_LVS.NoDesct_Volts_u10p6 577 k_LVS.NoDesct_Volts_u10p6 578 k_LVS.NoDesct_Volts_u10p6 578 k_LVS.NoDesct_Volts_u10p6 578 678 k_LVS.NoDesct_Volts_u10p6 578 678 k_LVS.NoDesct_Volts_u10p6 578 678 k_LVS.NoDesct_Volts_u10p6 678 678 678 678 678 678 678 678 678 67	k_LVLSCNotDetect_Volts_u10p6	960		
K_UNSNOIDetect_Volts_u10p6 960	k_LVLSCNotDetect_ms_u16p0	37476		
k_LVLSNotDetect_ms_urispo	k_LVLSDetect_Volts_u10p6	576		
k_LVSMDetect_voits_u16p0 k_LVSMDetect_voits_u16p0 k_LVSMDetect_voits_u16p0 12559 k_LVSMNotDetect_voits_u16p0 12559 k_LVSMNotDetect_voits_u16p0 12552 target_CusiBattDiag_Per2_Batt_Voit_r32_value 18_9720993 target_CusiBattDiag_Per2_EngOn_Cnt_lgc_value 11 target_CusiBattDiag_Per2_EngOn_Cnt_lgc_value 13 target_CusiBattDiag_Per2_StitGslected_Cnt_lgc_value 14 target_CusiBattDiag_Per2_StitGslected_Cnt_lgc_value 15 target_CusiBattDiag_Per2_StitGslected_Cnt_lgc_value 16 target_Ric_Cail_Ap_CusiBattDiag_Per2_StitGslected_Cnt_lgc_value 17 target_CusiBattDiag_Per2_VehicleSpeed_Vait_r32_value 18_942465 target_Ric_Cail_Ap_CusiBattDiag_Per2_VehicleSpeed_Vait_voit_voit_voit_voit_voit_voit_voit_vo	k_LVLSDetect_ms_u16p0	57690		
K_LVSMDetect_volts_u10p6	k_LVLSNotDetect_Volts_u10p6	960		
k_LVSMDetect_volts_u1060 k_LVSMNotDetect_volts_u1066 k_LVSMNotDetect_ms_u1660 larget_custBattDiag_Per2_EntfVolt_f32_value larget_custBattDiag_Per2_EntfVolt_f32_value larget_custBattDiag_Per2_EntfVolt_f10_value larget_custBattDiag_Per2_EntfVolt_f10_value larget_custBattDiag_Per2_EntfVolt_f10_value larget_custBattDiag_Per2_EntfVolt_f10_value larget_custBattDiag_Per2_VelticlsSpeed_valt_f10_value larget_custBattDiag_Per2_VelticlsSpeed_valt_f10_value larget_custBattDiag_Per2_VelticlsSpeed_valt_f10_value larget_Ric_Call_Ap_custBattDiag_Per2_VelticlsSpeed_valt_f10_value larget_Ric_Call_Ap_custBattDiag_Per2_VelticlsSpeed_valt_f10_value larget_Ric_Call_Ap_custBattDiag_Per2_VelticlsSpeed_valt_f10_value larget_Ric_Call_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Call_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Call_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Call_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_EntfVolt_f10_value larget_Ric_Inst_Ap_custBattDiag_Per2_Value\loseSpeed_Value larget_Ric_Inst_Ap_C	k_LVLSNotDetect_ms_u16p0	29945		
k_LVSMNotDetect_Volts_u10p6 960 k_LVSMNotDetect_ms_u10p0 1925 target_CustBattDiag_Per2_Batt_Volt_f32_value 18.9720993 target_CustBattDiag_Per2_EngOn_Cnt_lgcvalue 1 target_CustBattDiag_Per2_EngOn_Cnt_lgcvalue 1 target_CustBattDiag_Per2_VehicleSpeed_Knb_f32_value 1 target_CustBattDiag_Per2_VehicleSpeed_Knb_f32_value 1 target_Ric_Call_Ap_CustBattDiag_EpsEn_OP_CET_signal 1 target_Ric_Call_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u32_Current 1 target_Ric_Inst_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u32_Current 1 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 1 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 1 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EattV_Crt_u08 1 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EattCrt_u08 1 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed_Kph_f32 1 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed_Kph_f32 1 target_Ric_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 1 target_Ric_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 1 target_R	k_LVSMDetect_Volts_u10p6	576		
R_LVSMNotDetect_ms_u16p0	k_LVSMDetect_ms_u16p0	12559		
target_CustBattDiag_Per2_Batt_Volt_f32_value	k_LVSMNotDetect_Volts_u10p6	960		
target_CustBattDiag_Per2_EngOn_Cnt_lgc_value	k_LVSMNotDetect_ms_u16p0	19252		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 1 target_CustBattDiag_Per2_SttGselected_Cnt_lgc.value 1 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_value 1 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_value 1 target_Re_Call_Ap_CustBattDiag_SystemTime_DtmmcElapsedTime_mS_u16_Etap 1 target_Re_Call_Ap_CustBattDiag_SystemTime_DtmmcElapsedTime_mS_u16_Etap 1 target_Re_Call_Ap_CustBattDiag_SystemTime_DtmmcElapsedTime_mS_u16_Etap 1 target_Re_Inst_Ap_CustBattDiag_SystemTime_DtmmcElapsedTime_mS_u16_Etap 1 target_Re_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 1 target_Re_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtapOn_Cnt_lgc 1 target_Re_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Re_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Re_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Re_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_SttdSelected_Cnt_lgc 1 target_Re_Inst_Ap_CustBattDiag_Ser2_VehicleSpeed/Vall_Cnt_lgc 1 target_Re_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_lgc 1 target_Re_Inst_Ap_CustBattDiag_Per2_VehicleSpeed/Vall_Cnt_lgc 1 target_Re_Inst_Ap_CustBattDiag_Per2_Vehicl	target_CustBattDiag_Per2_Batt_Volt_f32.value	18.9720993		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc_value	target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_value target_Rc_Dat_DA custBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_ CustBattDiag_SystemTime_ObttyneElapsedTime_mS_u16_Elap target_Rte_Call_Ap_ CustBattDiag_SystemTime_GetSystemTime_ms_u32_Current target_Rte_Call_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_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EattMT_Cnt_u08 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_Sttdselectd_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 1742583296	target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrimsElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_End_Op_Cnt_Uge target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_End_Op_Cnt_Uge target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_Uge target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_Uge target_Rte_Inst	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DimmElapsedTime_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_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2_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_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed_Kpf_f32 Name Actual Value Expected Value Result CustBattDiag_LOICir_ms_M_u32p0 1742583296 17425832	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtmnElapsedTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_VerbicleSpeedValld_Cnt_lgc target_CustBattDiag_Per2_VerbicleSpeedValld_Cnt_lgc target_CustBattDiag_Per2_VerbicleSpeedValld_Cnt_lgc target_CustBattDiag_Per2_VerbicleSpeedValld_Cnt_lgc target_CustBattDiag_Per2_VerbicleSpeed_Kpt_f32 Name	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	183.432465		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Voit_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_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_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_LOISet_ms_M_u32p0 1742583296 1742583296 Value Result CustBattDiag_LVCCir_ms_M_u32p0 1742583296 1742583296 Value Value Result CustBattDiag_LVCSet_ms_M_u32p0 1742583296 1742583296 Value Value Value Result CustBattDiag_LVHSCor_ms_M_u32p0 1742583296 1742583296 Value Va	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EngOn_Cnt_Igc target_CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_Igc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value Result Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 1742583296 1742583296 1742583296 CustBattDiag_LVCCIr_ms_M_u32p0 1742583296 1742583296 Value Per2_EngOn_Cnt_Igc CustBattDiag_LVCCIr_ms_M_u32p0 1742583296 1742583296 Value Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Para_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc Per2_VehicleSpeedValid_Cnt_Igc	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	36276		
target_Rte_Inst_Ap_CustBattDiag_2 CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2 CustBattDiag_Per2_EtatNT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2 CustBattDiag_Per2_EtatNT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2 CustBattDiag_Per2_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2 CustBattDiag Per2_SttdSelected_Cnt_Igc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value Result Name Actual Value Expected Value Result CustBattDiag_LOIGIr_ms_M_u32p0 1742583296 1742583296 Paraged_CustBattDiag_LOIGIr_ms_M_u32p0 Paraged_CustBattDiag_LVCCir_ms_M_u32p0 Paraged_CustBattDiag_CustBattDiag_CustBattDiag_C	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1742583296		
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_SttdSelected_Cnt_lgc 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 1742583296 1742583296 VALUA CustBattDiag_LOCSt_ms_M_u32p0 1742583296 1742583296 VALUA CustBattDiag_LVCSet_ms_M_u32p0 1742583296 1742583296 VALUA CustBattDiag_LVCSet_ms_M_u32p0 1742583296 1742583296 VALUA CustBattDiag_LVHSCSet_ms_M_u32p0 1742583296 1742583296 VALUA CustBattDiag_LVHSCSet_ms_M_u32p0 1742583296 1742583296 VALUA CustBattDiag_LVHSCir_ms_M_u32p0 178873080 178873080 VARUA CustBattDiag_LVLSCir_ms_M_u32p0 1742583296 1742583296 VALUA CustBattDiag_LVLSCir_ms_M_u32p0 1742583296 1742583296 VALUA	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.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 1742583296 1742583296 4742583296 CustBattDiag_LOICSet_ms_M_u32p0 3298635264 3298635264 3298635264 CustBattDiag_LVYCCir_ms_M_u32p0 1742583296 1742583296 4742583296 CustBattDiag_LVYScet_ms_M_u32p0 1742583296 1742583296 4742583296 CustBattDiag_LVHSCCir_ms_M_u32p0 1701517312 1101517312 1101517312 4742583296 CustBattDiag_LVHSCSet_ms_M_u32p0 1742583296 1742583296 4742583296 4742583296 CustBattDiag_LVHSCSet_ms_M_u32p0 1787730880 1788730880 4787730880 4787730880 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 4742583296 <	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target Rte Inst Ap CustBattDiag 2.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 1742583296 1742583296 1742583296 CustBattDiag_LVCCir_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVCCir_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVCSet_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVHSCCir_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVHSCSet_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVHSCir_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVHSCir_ms_M_u32p0 178770808 1788730880 0 CustBattDiag_LVLSCir_ms_M_u32p0 1431504384 1431504384 0 CustBattDiag_LVLSCir_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVLSCir_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVLSCir_ms_M_u32p0 1742583296	target_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 Result CustBattDiag_LOICir_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVCIset_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVCSet_ms_M_u32p0 3298635264 3298635264 0 CustBattDiag_LVCSet_ms_M_u32p0 1742583296 1742583296 0 CustBattDiag_LVHSCCIr_ms_M_u32p0 1101517312 1101517312 0 0 0 CustBattDiag_LVHSCIr_ms_M_u32p0 1788730880 1788730880 1788730880 0 <td>target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc</td> <td>target_CustBattDiag_Per2_SttdSelected_Cnt</td> <td>_lgc</td> <td></td>	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 1742583296 1742583296 1742583296 CustBattDiag_LOISet_ms_M_u32p0 1742583296 1742583296 1742583296 CustBattDiag_LVCCIr_ms_M_u32p0 3298635264 3298635264 3298635264 CustBattDiag_LVHSCCIr_ms_M_u32p0 1101517312 1101517312 1101517312 1101517312 1742583296 CustBattDiag_LVHSCSet_ms_M_u32p0 1788730880 17887308	target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ig	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
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 1788730880 1788730880 CustBattDiag_LVHSCst_ms_M_u32p0 3997790208 3997790208 CustBattDiag_LVLSCCIr_ms_M_u32p0 1431504384 1431504384 CustBattDiag_LVLSCSt_ms_M_u32p0 1742583296 1742583296 CustBattDiag_LVLSCSt_ms_M_u32p0 1742583296 1742583296 CustBattDiag_LVLSCSt_ms_M_u32p0 1742583296 1742583296 CustBattDiag_LVLSCIr_ms_M_u32p0 1742583296 1742583296 CustBattDiag_LVLSCIr_ms_M_u32p0 1742583296 1742583296 CustBattDiag_LVLSCIr_ms_M_u32p0 1955109888 1955109888 CustBattDiag_LVSMCIr_ms_M_u32p0 80968192 80968192 CustBattDiag_LVSMCir_ms_M_u32p0 2828495872 2828495872 NTC_Cnt_T_enum 0xE0 0xE0 Param_Cnt_T_u08 0x00	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
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_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	Name	Actual Value	Expected Value	Result
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_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	CustBattDiag_LOIClr_ms_M_u32p0	1742583296	1742583296	✓
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_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	CustBattDiag_LOISet_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_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	CustBattDiag_LVCCIr_ms_M_u32p0	3298635264	3298635264	✓
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_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	CustBattDiag_LVCSet_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_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	CustBattDiag_LVHSCCIr_ms_M_u32p0	1101517312	1101517312	✓
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	CustBattDiag_LVHSCSet_ms_M_u32p0	1742583296	1742583296	✓
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	CustBattDiag_LVHSClr_ms_M_u32p0	1788730880	1788730880	✓
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	CustBattDiag_LVHSSet_ms_M_u32p0	3997790208	3997790208	✓
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	CustBattDiag_LVLSCCIr_ms_M_u32p0	1431504384	1431504384	✓
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	CustBattDiag_LVLSCSet_ms_M_u32p0	1742583296	1742583296	•
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	CustBattDiag_LVLSCIr_ms_M_u32p0	1380002304	1380002304	✓
CustBattDiag_LVSMSet_ms_M_u32p0 2828495872 2828495872 NTC_Cnt_T_enum 0xE0 0xE0 Param_Cnt_T_u08 0x00 0x00	CustBattDiag_LVLSSet_ms_M_u32p0	1955109888	1955109888	•
NTC_Cnt_T_enum 0xE0 0xE0 Param_Cnt_T_u08 0x00 0x00	CustBattDiag_LVSMClr_ms_M_u32p0	80968192	80968192	✓
Param_Cnt_T_u08 0x00 0x00	CustBattDiag_LVSMSet_ms_M_u32p0	2828495872	2828495872	•
	NTC_Cnt_T_enum	0xE0	0xE0	
Status_Cnt_T_enum 0x00 0x00	Param_Cnt_T_u08	0x00	0x00	✓
	Status_Cnt_T_enum	0x00	0x00	

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





Test Step 2.19 (Repeat Count = 1)			V
Name	Input Value		
CustBattDiag_LOIClr_ms_M_u32p0	3636275456		
CustBattDiag_LOISet_ms_M_u32p0	713192192		
CustBattDiag_LVCCIr_ms_M_u32p0	2885630208		
CustBattDiag_LVCSet_ms_M_u32p0	37159680		
CustBattDiag_LVHSCCIr_ms_M_u32p0	477056256		
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr ms_M_u32p0	3520214784 3636275456		
CustBattDiag_LVHSCti_ms_ivi_uszp0 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		
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(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_CurrentTime	е
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	313.302765		
k_CustBattDiaghispd_kph_f32	46.3026314		
k_CustBattDiaglospd_kph_f32	7.93639946		
k_LOIDetect_ms_u16p0	20378		
k_LOINotDetect_ms_u16p0	61157		
k_LVCDetect_Volts_u10p6	448		
k_LVCDetect_ms_u16p0	47897		
k_LVCNotDetect_Volts_u10p6	1472		
k_LVCNotDetect_ms_u16p0	30985		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	9422		
k_LVHSCNotDetect_Volts_u10p6	1472		
k_LVHSCNotDetect_ms_u16p0	19745		
k_LVHSDetect_Volts_u10p6	448		
k_LVHSDetect_ms_u16p0	5135		
k_LVHSNotDetect_Volts_u10p6	1472		
k_LVHSNotDetect_ms_u16p0	54469		
k_LVLSCDetect_Volts_u10p6	448		
k_LVLSCDetect_ms_u16p0	58039 1472		
k_LVLSCNotDetect_Volts_u10p6	16250		
k_LVLSCNotDetect_ms_u16p0 k_LVLSDetect_Volts_u10p6	448		
k_LVLSDetect_ms_u16p0	25472		
k LVLSNotDetect Volts u10p6	1472		
k_LVLSNotDetect_ms_u16p0	24665		
k_LVSMDetect_Volts_u10p6	448		
k LVSMDetect ms u16p0	51713		
k LVSMNotDetect Volts u10p6	1472		
k_LVSMNotDetect_ms_u16p0	31305		
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.6056538		
target_CustBattDiag_Per2_EngOn_Cnt_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	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	246.183044		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65104		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
target_Rte_Inst_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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Iquered and the property of the pr$	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	1314758912	1314758912	-
CustBattDiag_LOISet_ms_M_u32p0	1314758912	1314758912	•
CustBattDiag_LVCClr_ms_M_u32p0	2885630208	2885630208	-
	37159680	37159680	•
CustBattDiag_LVCSet_ms_M_u32p0			
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0	477056256	477056256	-
	477056256 3520214784	477056256 3520214784	•

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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_LVLSCCIr_ms_M_u32p0	3208491264	3208491264	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1697135360	1697135360	✓
CustBattDiag_LVLSCIr_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	✓

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 2.20 (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

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

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	~

1941698048

2962080768

1287734784

1941698048

2962080768 1287734784

Test Step 2.22 (Repeat Count = 1)		<u> </u>
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_LVHSCClr_ms_M_u32p0	398777344	
CustBattDiag_LVHSCSet_ms_M_u32p0	2143559168	
CustBattDiag_LVHSClr_ms_M_u32p0	4249569280	
CustBattDiag_LVHSSet_ms_M_u32p0	2443405824	
CustBattDiag_LVLSCClr_ms_M_u32p0	3588861952	
CustBattDiag_LVLSCSet_ms_M_u32p0	2463240704	
CustBattDiag_LVLSClr_ms_M_u32p0	4176016384	

CustBattDiag_LVSMClr_ms_M_u32p0

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CustBattDiag_Per2

CustBattDiag_Per2		MAC	1606
Name	Input Value		
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048		
CustBattDiag_LVSMClr_ms_M_u32p0	2962080768		
CustBattDiag_LVSMSet_ms_M_u32p0	1287734784		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_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()	2		
c_CustBattDiagLOIspd_kph_f32	367.035919		
c_CustBattDiaghispd_kph_f32	83.7351837		
CustBattDiaglospd_kph_f32	201.401382		
C_LOIDetect_ms_u16p0	27771		
k_LOINotDetect_ms_u16p0	14320		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	15742		
<_LVCNotDetect_Volts_u10p6	448		
C_LVCNotDetect_ms_u16p0	33029		
<_LVHSCDetect_Volts_u10p6 <_LVHSCDetect_wp_u16p0	1792		
k_LVHSCDetect_ms_u16p0	57886 448		
k_LVHSCNotDetect_Volts_u10p6 k_LVHSCNotDetect_ms_u16p0	36989		
k_LVHSCholDetect_ms_u1op0 k_LVHSDetect_Volts_u10p6	192		
k_LVHSDetect_voits_u16p0	61820		
k_LVHSNotDetect_Volts_u10p6	448		
k LVHSNotDetect ms u16p0	53682		
LVLSCDetect Volts u10p6	192		
<pre><_LVLSCDetect_ms_u16p0</pre>	38739		
k_LVLSCNotDetect_Volts_u10p6	448		
<pre>c_LVLSCNotDetect_ms_u16p0</pre>	28387		
<pre>c_LVLSDetect_Volts_u10p6</pre>	192		
<_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_Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
rarget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	112.882156		
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
arget_Rie_Call_Ap_CustBattDiag_SystemTime_DiffinitElapsedTime_InS_u10_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_Cn		
arget Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt I			
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Resu
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_LVHSCIr_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_LVLSCIr_ms_M_u32p0	4176016384	4176016384	
CustBattDiag_LVLSSet_ms_M_u32p0	1941698048	1941698048	
CustBattDiag LVSMCIr ms M u32p0	2962080768	2962080768	

2962080768

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CustBattDiag_LVSMClr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0



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	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_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_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	1178673920	1178673920	~
CustBattDiag_LOISet_ms_M_u32p0	1178673920	1178673920	~
CustBattDiag_LVCClr_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_LVLSCClr_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_LVSMCIr_ms_M_u32p0	235239168	235239168	~
CustBattDiag_LVSMSet_ms_M_u32p0	1643311360	1643311360	~

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 2.24 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3631481344
CustBattDiag_LOISet_ms_M_u32p0	492647424
CustBattDiag_LVCClr_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_LVLSCCIr_ms_M_u32p0	3494226432
CustBattDiag_LVLSCSet_ms_M_u32p0	474029056
CustBattDiag_LVLSClr_ms_M_u32p0	1054805504
CustBattDiag_LVLSSet_ms_M_u32p0	2300190720
CustBattDiag_LVSMClr_ms_M_u32p0	2821348864
CustBattDiag_LVSMSet_ms_M_u32p0	1388965888
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	512
k_CustBattDiaghispd_kph_f32	163.454361
k_CustBattDiaglospd_kph_f32	178.540237
k_LOIDetect_ms_u16p0	34100
k_LOINotDetect_ms_u16p0	13446
k_LVCDetect_Volts_u10p6	1280
k_LVCDetect_ms_u16p0	15698
k_LVCNotDetect_Volts_u10p6	1280
k_LVCNotDetect_ms_u16p0	3390
k_LVHSCDetect_Volts_u10p6	1600
k_LVHSCDetect_ms_u16p0	58991
k_LVHSCNotDetect_Volts_u10p6	1280
k_LVHSCNotDetect_ms_u16p0	27639
k_LVHSDetect_Volts_u10p6	1280
k_LVHSDetect_ms_u16p0	31994
k_LVHSNotDetect_Volts_u10p6	1280
k_LVHSNotDetect_ms_u16p0	26904

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CustBattDiag_Per2	1, 11.30.27+0530		Razorcat
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_Elap	61325		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3576125952		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08	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_lgatering and the property of the $	target_CustBattDiag_Per2_VehicleSpeedVa	llid_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	3576125952	3576125952	✓
CustBattDiag_LOISet_ms_M_u32p0	3576125952	3576125952	✓
CustBattDiag_LVCClr_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	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2300190720	2300190720	✓

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	-

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Test Step 2.25 (Repeat Count = 1)	→
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	80395520
CustBattDiag_LOISet_ms_M_u32p0	2438407936
CustBattDiag_LVCClr_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_LVLSClr_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_LVSMClr_ms_M_u32p0
CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2

CustbattDiag_Per2			TO LOT
Name	Input Value		
k_CustBattDiagLOlspd_kph_f32	289.119995		
k_CustBattDiaghispd_kph_f32	153.131607		
k_CustBattDiagInspd_kph_f32	230.926376		
k_LOIDetect_ms_u16p0	2161		
k LOINotDetect ms u16p0	15922		
k_LVCDetect_Volts_u10p6	1792		
k LVCDetect ms u16p0	53654		
k_LVCNotDetect_Volts_u10p6	512		
k_LVCNotDetect_ms_u16p0	18827		
k LVHSCDetect Volts u10p6	1728		
k_LVHSCDetect_ms_u16p0	1790		
k_LVHSCNotDetect_Volts_u10p6	512		
k_LVHSCNotDetect_ms_u16p0	28702		
k_LVHSDetect_Volts_u10p6	1792		
k_LVHSDetect_ms_u16p0	28926		
k_LVHSNotDetect_Volts_u10p6	512		
k_LVHSNotDetect_ms_u16p0	11612		
k_LVLSCDetect_Volts_u10p6	1792		
k_LVLSCDetect_ms_u16p0	53366		
k LVLSCNotDetect Volts u10p6	512		
k_LVLSCNotDetect_ms_u16p0	4840		
k_LVLSDetect_Volts_u10p6	1792		
k LVLSDetect ms u16p0	7765		
k LVLSNotDetect Volts u10p6	512		
k_LVLSNotDetect_voits_u10p0	25593		
k_LVSMDetect_Volts_u10p6	1792		
k_LVSMDetect_ms_u16p0	60349		
k_LVSMNotDetect_Volts_u10p6	512		
k_LVSMNotDetect_voits_u1op0	54124		
target_CustBattDiag_Per2_Batt_Volt_f32.value	22.5824833		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	119.06868		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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	3	
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 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	2853221632	2853221632	Result
CustBattDiag_LOICII_mis_M_uszp0 CustBattDiag_LOISet ms M_us2p0	2853221632	2853221632	
CustBattDiag_LOISet_nis_M_u32p0 CustBattDiag_LVCCIr ms M_u32p0	4054961408	4054961408	
CustBattDiag_LVCCir_ms_w_u32p0 CustBattDiag_LVCSet ms M u32p0	779663104	779663104	
CustBattDiag_LVCSet_riis_M_u32p0 CustBattDiag_LVHSCCIr ms M_u32p0	392700160	392700160	
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	3402902272	3402902272 80395520	Ž
	80395520	2438407936	
CustBattDiag_LVHSSet_ms_M_u32p0	2438407936 3589653760	2438407936 3589653760	- J
CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet ms M u32p0			
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr ms_M_u32p0	1716219648 481925376	1716219648 481925376	
CustBattDiag_LVLSCir_ms_M_u32p0	481925376	481925376	

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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Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1483901952
CustBattDiag_LOISet_ms_M_u32p0	3237301760

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMClr_ms_M_u32p0



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Name	Input Value		
CustBattDiag_LVCCIr_ms_M_u32p0	3254606848		
CustBattDiag_LVCSet_ms_M_u32p0	600874496		
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	3274334208 1032733184		
CustBattDiag_LVHSCIr_ms_M_u32p0	1483901952		
CustBattDiag_LVHSSet_ms_M_u32p0	3237301760		
CustBattDiag_LVLSCCIr_ms_M_u32p0	990999552		
CustBattDiag_LVLSCSet_ms_M_u32p0	1295545856		
CustBattDiag LVLSCIr 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_C	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = (Elaps$	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_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOIspd_kph_f32	301.298523		
k_CustBattDiaghispd_kph_f32	145.618637		
k_CustBattDiaglospd_kph_f32 k_LOIDetect_ms_u16p0	376.702209 0		
k_COIDetect_ms_u1op0 k_COINotDetect_ms_u1op0	17244		
k_VCDetect Volts u10p6	0		
k_LVCDetect_voits_u16p0	40919		
k_LVCNotDetect_Volts_u10p6	256		
k_LVCNotDetect_ms_u16p0	24783		
k_LVHSCDetect_Volts_u10p6	320		
k_LVHSCDetect_ms_u16p0	27997		
k_LVHSCNotDetect_Volts_u10p6	256		
k_LVHSCNotDetect_ms_u16p0	9430		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	9855		
k_LVHSNotDetect_Volts_u10p6	256		
k_LVHSNotDetect_ms_u16p0	20284		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	43750 256		
k_LVLSCNotDetect_Volts_u10p6	42218		
k_LVLSCNotDetect_ms_u16p0 k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	38506		
k_LVLSNotDetect_Volts_u10p6	256		
k LVLSNotDetect ms u16p0	49621		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	26450		
k_LVSMNotDetect_Volts_u10p6	256		
k_LVSMNotDetect_ms_u16p0	18334		
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.825098		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	136.152252		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Currer			
target_Rte_Call_Ap_custbattblag_system** line_Getsystem** line_ins_usz_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 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			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Resu
CustBattDiag_LOICIr_ms_M_u32p0	377529344	377529344	
CustBattDiag_LOISet_ms_M_u32p0	377529344	377529344	
CustBattDiag_LVCCIr_ms_M_u32p0	3254606848	3254606848	
CustBattDiag_LVCSet_ms_M_u32p0	600874496	600874496	
CustBattDiag_LVHSCClr_ms_M_u32p0	3274334208	3274334208	
CustBattDiag_LVHSCSet_ms_M_u32p0	1032733184	1032733184	
CustBattDiag_LVHSClr_ms_M_u32p0	1483901952	1483901952	
CustBattDiag_LVHSSet_ms_M_u32p0	3237301760	3237301760	
CustBattDiag_LVLSCCIr_ms_M_u32p0	990999552	990999552	
CustBattDiag_LVLSCSet_ms_M_u32p0	1295545856	1295545856	



CustBattDiag_F	Per2
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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	~

lomo	Innut 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
sustBattDiag_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
ustBattDiag_LVLSSet_ms_M_u32p0	3810129152
ustBattDiag_LVSMClr_ms_M_u32p0	2601216768
ustBattDiag_LVSMSet_ms_M_u32p0	3041854720
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(ElapsedTime_mS_u16)	
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()	2
_CustBattDiagLOIspd_kph_f32	45.4453697
_CustBattDiaghispd_kph_f32	379.788818
_CustBattDiaglospd_kph_f32	409.25943
_LOIDetect_ms_u16p0	65535
_LOINotDetect_ms_u16p0	32088
_LVCDetect_Volts_u10p6	1560
LVCDetect_ms_u16p0	50161
LVCNotDetect Volts u10p6	640
LVCNotDetect ms u16p0	26241
_LVHSCDetect_Volts_u10p6	768
_LVHSCDetect_ms_u16p0	4637
_ LVHSCNotDetect_Volts_u10p6	640
_LVHSCNotDetect_ms_u16p0	29483
LVHSDetect_Volts_u10p6	1560
LVHSDetect ms u16p0	33110
LVHSNotDetect Volts u10p6	640
LVHSNotDetect ms u16p0	19866
_LVLSCDetect_Volts_u10p6	1560
_LVLSCDetect_wolls_u16p0	19379
_LVLSCNotDetect_Volts_u10p6	640
	31136
_LVLSCNotDetect_ms_u16p0	1560
_LVLSDetect_Volts_u10p6	
_LVLSDetect_ms_u16p0	35272
_LVLSNotDetect_Volts_u10p6	640
_LVLSNotDetect_ms_u16p0	29309
_LVSMDetect_Volts_u10p6	1560
_LVSMDetect_ms_u16p0	60334
_LVSMNotDetect_Volts_u10p6	640
_LVSMNotDetect_ms_u16p0	58564
rget_CustBattDiag_Per2_Batt_Volt_f32.value	24.5667973
rget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
rget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
rget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	294.278442
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	33544
rget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3215775488
arget_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_Per2 Input Value k LOIDetect ms u16p0 59676 58096 k_LOINotDetect_ms_u16p0 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 28349 k LVHSDetect ms u16p0 k_LVHSNotDetect_Volts_u10p6 1664 k_LVHSNotDetect_ms_u16p0 5772 k_LVLSCDetect_Volts_u10p6 256 k LVLSCDetect ms u16p0 18681 k_LVLSCNotDetect_Volts_u10p6 1664 k_LVLSCNotDetect_ms_u16p0 19274 k_LVLSDetect_Volts_u10p6 256 k_LVLSDetect_ms_u16p0 3290 k_LVLSNotDetect_Volts_u10p6 1664 k_LVLSNotDetect_ms_u16p0 61904 k_LVSMDetect_Volts_u10p6 256 k_LVSMDetect_ms_u16p0 59720 k LVSMNotDetect Volts u10p6 1664 k_LVSMNotDetect_ms_u16p0 4124 target_CustBattDiag_Per2_Batt_Volt_f32.value 5.74556828 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 0 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$ 1 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_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 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 2155177472 2155177472 CustBattDiag_LOISet_ms_M_u32p0 3904126464 3904126464 CustBattDiag_LVCClr_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_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_LVLSCIr_ms_M_u32p0 3904126464 3904126464 3904126464 3904126464

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	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•

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CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0



Test Step 2.29 (Repeat Count = 1)			4
Name	Input Value		_
CustBattDiag_LOICIr_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_LVLSCClr_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	OD CET signal	
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		ne
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	ine_GetGystemTime_mG_d32_GurrentTime	
Rte Mode Ap CustBattDiag SystemState Mode()	0		
k_CustBattDiagLOIspd_kph_f32	42.3441696		
k_CustBattDiaghispd_kph_f32	85.7792435		
k_CustBattDiaglospd_kph_f32	214.37323		
k_LOIDetect_ms_u16p0	12489		
k LOINotDetect ms u16p0	0		
LVCDetect_Volts_u10p6	448		
k_LVCDetect_ms_u16p0	31604		
k_LVCNotDetect_Volts_u10p6	1344		
k_LVCNotDetect_ms_u16p0	29940		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	5247		
k_LVHSCNotDetect_Volts_u10p6	1344		
k_LVHSCNotDetect_ms_u16p0	9330		
k_LVHSDetect_Volts_u10p6	448		
k_LVHSDetect_ms_u16p0	23749		
k_LVHSNotDetect_Volts_u10p6	1344		
k_LVHSNotDetect_ms_u16p0	40850		
k_LVLSCDetect_Volts_u10p6	448		
k_LVLSCDetect_ms_u16p0	25121		
k_LVLSCNotDetect_Volts_u10p6 k_LVLSCNotDetect_ms_u16p0	1344 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.value	13.5601482		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	23.1890316		
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_lc		:	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	I amount of the second of the	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	804915456	804915456	
CustBattDiag_LOISet_ms_M_u32p0	804915456	804915456	•
CustBattDiag_LVCClr_ms_M_u32p0	3648168192	3648168192	· ·
CustBattDiag_LVCSet_ms_M_u32p0	2743249664	2743249664	Ž
CustBattDiag_LVHSCClr_ms_M_u32p0 CustBattDiag_LVHSCSet ms M u32p0	241382656 3702677248	241382656 3702677248	
CustBattDiag_LVHSClr_me_M_u32p0	1062637824	1062637824	

1062637824

1062637824

CustBattDiag_LVHSClr_ms_M_u32p0



CustBattDiag_	_Per2

Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	2128878336	2128878336	~
CustBattDiag_LVLSCCIr_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	•

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 2.30 (Repeat Count = 1)	•
Name	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_LVHSCCIr_ms_M_u32p0	1401496576
CustBattDiag_LVHSCSet_ms_M_u32p0	1908647424
CustBattDiag_LVHSClr_ms_M_u32p0	1360990208
CustBattDiag_LVHSSet_ms_M_u32p0	2367582720
CustBattDiag_LVLSCCIr_ms_M_u32p0	98990080
CustBattDiag_LVLSCSet_ms_M_u32p0	48110080
CustBattDiag_LVLSClr_ms_M_u32p0	9714688
CustBattDiag_LVLSSet_ms_M_u32p0	4223303168
CustBattDiag_LVSMClr_ms_M_u32p0	2576026624
CustBattDiag_LVSMSet_ms_M_u32p0	1323421184
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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
	4
k CustBattDiagLOIspd kph f32	485.808685
	26.674984
k CustBattDiaglospd kph f32	70.2925415
k LOIDetect ms u16p0	13711
	65535
k_LVCDetect_Volts_u10p6	1664
	6414
k_LVCNotDetect_Volts_u10p6	320
	39142
k_LVHSCDetect_Volts_u10p6	1920
k_LVHSCDetect_ms_u16p0	1964
k_LVHSCNotDetect_Volts_u10p6	320
k LVHSCNotDetect ms u16p0	11820
k_LVHSDetect_Volts_u10p6	1664
	24571
,	320
k LVHSNotDetect ms u16p0	51434
k_LVLSCDetect_Volts_u10p6	1664
	54196
k_LVLSCDetect_ms_u16p0	320
k_LVLSCNotDetect_Volts_u10p6	
	25145
k_LVLSDetect_Volts_u10p6	1664
k_LVLSDetect_ms_u16p0	5341 320
k_LVLSNotDetect_Volts_u10p6	
k_LVLSNotDetect_ms_u16p0	61749
k_LVSMDetect_Volts_u10p6	1664
k_LVSMDetect_ms_u16p0	31482
k_LVSMNotDetect_Volts_u10p6	320
k_LVSMNotDetect_ms_u16p0	48670
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.3762341
V = V = UV	0
0 _ 0	6
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	147.878357



Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_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	~

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

Test Step 2.31 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3766588160
CustBattDiag_LOISet_ms_M_u32p0	3700124928
CustBattDiag_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 k_LVLSCNotDetect_Volts_u10p6 1536 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 $target_CustBattDiag_Per2_Batt_Volt_f32.value$ 19 2109947 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 6 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 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 CustBattDiag_LVLSCCIr_ms_M_u32p0 3204500224 3204500224 3204500224 3204500224

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	Con@ellTiAper@ustBattDiag_SystemTime_GetSystemTime_mS_u32	1	

1842482944

3756476672

3257769728

1739675904

1842482944

3756476672

3257769728

1739675904

CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0

CustBattDiag_LVLSSet_ms_M_u32p0

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_Per2



Name	Input Value				
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_0	OP_GET_signal			
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_System1	Fime_GetSystemTime_mS_u32_Curre	entTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2				
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0				
k_CustBattDiagLOlspd_kph_f32		96.8070526			
k_CustBattDiaghispd_kph_f32 k_CustBattDiaglospd_kph_f32	498.065857 347.690521				
k_LOIDetect_ms_u16p0	47656				
k LOINotDetect ms u16p0	26033				
k LVCDetect Volts u10p6	0				
k_LVCDetect_ms_u16p0	30883				
k_LVCNotDetect_Volts_u10p6	0				
k_LVCNotDetect_ms_u16p0	13669				
k_LVHSCDetect_Volts_u10p6	0				
k_LVHSCDetect_ms_u16p0	60334				
k_LVHSCNotDetect_Volts_u10p6	0				
k_LVHSCNotDetect_ms_u16p0	63581				
k_LVHSDetect_Volts_u10p6	0				
k_LVHSDetect_ms_u16p0	64178				
k_LVHSNotDetect_Volts_u10p6	0				
k_LVHSNotDetect_ms_u16p0	49998				
k_LVLSCDetect_Volts_u10p6	0				
k_LVLSCDetect_ms_u16p0	4315				
k_LVLSCNotDetect_Volts_u10p6	0				
k_LVLSCNotDetect_ms_u16p0	55992				
k_LVLSDetect_Volts_u10p6	43908				
k_LVLSDetect_ms_u16p0	0				
k_LVLSNotDetect_Volts_u10p6 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	0			
target_Rte_Inst_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 Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt	target_CustBattDiag_Per2_SttdSelected_Cr target_CustBattDiag_Per2_VehicleSpeedVa				
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K				
Name	Actual Value	1	Posult		
		Expected Value	Result		
CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet ms M u32p0	1535664640 1535664640	1535664640 1535664640	•		
CustBattDiag_LVCClr_ms_M_u32p0	3320863232	3320863232			
CustBattDiag_LVCSet_ms_M_u32p0	3019328512	3019328512			
CustBattDiag LVHSCCIr ms M u32p0	2181086720	2181086720			
CustBattDiag LVHSCSet ms M u32p0	2531217408	2531217408			
CustBattDiag_LVHSCIr_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	✓		



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	•
ControlTimers	1	ControlTimers	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	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
9	4294967295
	4294967295
9	4294967295
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
,	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			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	65535	5535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	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	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_LVSMClr_ms_M_u32p0	4294967295	4294967295	~	
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	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 2.34 (Repeat Count = 1)	
Name	Input Value
CustBattDiag LOICIr ms M u32p0	2230637568
CustBattDiag LOISet ms M u32p0	4251112960
CustBattDiag_LVCClr_ms_M_u32p0	898737152
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
CustBattDiag LVLSCCIr ms M u32p0	3767319552
CustBattDiag LVLSCSet ms M u32p0	3146186240
CustBattDiag_LVLSCIr_ms_M_u32p0	3670523904
CustBattDiag_LVLSSet_ms_M_u32p0	344105472
CustBattDiag LVSMCIr ms M u32p0	299864064
CustBattDiag LVSMSet ms M u32p0	3706909184
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(Elapsed	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime_	e) target_Rte_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
c_CustBattDiagLOIspd_kph_f32	492.513275
C_CustBattDiaghispd_kph_f32	17.5019512
C_CustBattDiaglospd_kph_f32	190.223709
c_LOIDetect_ms_u16p0	59804
_LOINotDetect_ms_u16p0	31007
_LVCDetect_Volts_u10p6	192
LVCDetect_ms_u16p0	21225
	1856
_LVCNotDetect_ms_u16p0	42350
_LVHSCDetect_Volts_u10p6	768
c_LVHSCDetect_ms_u16p0	59854
	1856
z_LVHSCNotDetect_ms_u16p0	8099
_LVHSDetect_Volts_u10p6	192
	1841
	1856
_LVHSNotDetect_ms_u16p0	28258
_LVLSCDetect_Volts_u10p6	192
k_LVLSCDetect_ms_u16p0	63554

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CustBattDiag_Per2	1, 11.30.27+0530		Razorcat
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	p 5665		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also consistent from the context of the $	nt 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_lg	3	
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_Igc	target_CustBattDiag_Per2_SttdSelected_C	Cnt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_In$	lc target_CustBattDiag_Per2_VehicleSpeedV	alid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_	Kph_f32	
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_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_LVLSCCIr_ms_M_u32p0	3767319552	3767319552	•
CustBattDiag_LVLSCSet_ms_M_u32p0	3146186240	3146186240	•
CustBattDiag_LVLSClr_ms_M_u32p0	3670523904	3670523904	•
Control Deliver IVII COntrol Marcollo	044405470	044405470	

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)	✓
Name	Input Value
CustBattDiag_LOICIr_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_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_CustBattDiagLOlspd_kph_f32	131.33667
k_CustBattDiaghispd_kph_f32	471.819061

CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0

target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value

target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal

 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$

 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ 39328 \\ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_nS_u32_Current \\ 1892744960 \\$

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 k_LVSMNotDetect_ms_u16p0 36456 target_CustBattDiag_Per2_Batt_Volt_f32.value 19.3157749 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ 8

0

21.4979305

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

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	~

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

CustBattDiag_Per2



		(70
Name	Input Value		
CustBattDiag_LVHSCClr_ms_M_u32p0	1153229312		
CustBattDiag_LVHSCSet_ms_M_u32p0	1791562752		
CustBattDiag_LVHSClr_ms_M_u32p0	4266257920		
CustBattDiag_LVHSSet_ms_M_u32p0	720896000		
CustBattDiag_LVLSCClr_ms_M_u32p0	3974174208		
CustBattDiag_LVLSCSet_ms_M_u32p0	2323474432		
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	848574976 1710631936		
CustBattDiag_LVSMClr_ms_M_u32p0	3471477248		
CustBattDiag_LVSMSet_ms_M_u32p0	308870144		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_O	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	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	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOlspd_kph_f32	392.85791		
k_CustBattDiaghispd_kph_f32	124.190697 280.085236		
k_CustBattDiaglospd_kph_f32 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 1088		
k_LVHSNotDetect_Volts_u10p6 k_LVHSNotDetect_ms_u16p0	48164		
k LVLSCDetect Volts u10p6	1984		
k_LVLSCDetect_ms_u16p0	25717		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	53181		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	7311		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	55764		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	10838		
k_LVSMNotDetect_Volts_u10p6 k_LVSMNotDetect_ms_u16p0	1088 37841		
target CustBattDiag Per2 Batt Volt f32.value	27.7872105		
target CustBattDiag Per2 EngOn Cnt Igc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	10		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	15.370966		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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_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_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		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	4159161856	4159161856	~
CustBattDiag_LOISet_ms_M_u32p0	4159161856	4159161856	~
CustBattDiag_LVCCIr_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_LVHSCIr_ms_M_u32p0	4266257920	4266257920	~
CustBattDiag_LVHSSet_ms_M_u32p0	720896000	720896000	V
CustBattDiag_LVLSCCIr_ms_M_u32p0	3974174208	3974174208	V
CustBattDiag_LVLSCSet_ms_M_u32p0	4159161856	4159161856	*
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	848574976 1710631936	848574976 1710631936	V
CustBattDiag_LVSMClr_ms_M_u32p0	3471477248	3471477248	
	1		

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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	~

Input Value
2717448448
582402816
3576629504
3229569792
2070945024
2962458368
2717448448
582402816
2228453632
1002867456
3712619776
1902919424
92742912
2069090048
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
118.50753
12.7944412
200.200348
34440
15435
640
63455
0
18567
768
31745
0
43307
640
23915
0
39657
640
15053
0
65455
640
15391
0
12808
640
12394

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Name	Input Value		
k_LVSMNotDetect_ms_u16p0	10418		
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.0694981		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	165.727875		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	p 47293		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currents	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_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_	lc 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	444559616	444559616	~
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	~
CustBattDiag_LVCClr_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	E00400040	✓
	002.020.0	582402816	•
CustBattDiag_LVLSCClr_ms_M_u32p0	2228453632	2228453632	-
CustBattDiag_LVLSCClr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0			
	2228453632	2228453632	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2228453632 444559616	2228453632 444559616	~
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	2228453632 444559616 3712619776	2228453632 444559616 3712619776	· ·
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	2228453632 444559616 3712619776 1902919424	2228453632 444559616 3712619776 1902919424	· · · · · · · · · · · · · · · · · · ·
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	2228453632 444559616 3712619776 1902919424 92742912	2228453632 444559616 3712619776 1902919424 92742912	\rightarrow \right
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	2228453632 444559616 3712619776 1902919424 92742912 2069090048	2228453632 444559616 3712619776 1902919424 92742912 2069090048	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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 NTC_Cnt_T_enum	2228453632 444559616 3712619776 1902919424 92742912 2069090048 0xE0	2228453632 444559616 3712619776 1902919424 92742912 2069090048 0xE0	· · · · · · · · · · · · · · · · · · ·
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	2228453632 444559616 3712619776 1902919424 92742912 2069090048 0xE0 0x00	2228453632 444559616 3712619776 1902919424 92742912 2069090048 0xE0 0x00	· · · · · · · · · · · · · · · · · · ·
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 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum	2228453632 444559616 3712619776 1902919424 92742912 2069090048 0xE0 0x00	2228453632 444559616 3712619776 1902919424 92742912 2069090048 0xE0 0x00	· · · · · · · · · · · · · · · · · · ·

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
ControlTimers	1	ControlTimers	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	✓

Test Step 2.38 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_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_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	





) target_Rte_Call_Ap_CustBattDiag			
im target_Rte_Call_Ap_CustBattDiag target_Rte_Call_Ap_CustBattDiag			
) target_Rte_Call_Ap_CustBattDiag	_SystemTime_DtrmnElapsedTime_mS_u16		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime			
target_Rte_Inst_Ap_CustBattDiag_	_2		
3			
118.50753			
12.7944412			
1			
0			
165.727875			
0			
ap 47293			
target_CustBattDiag_Per2_Batt_V	olt_f32		
target_CustBattDiag_Per2_EngOn	_Cnt_lgc		
lg target_CustBattDiag_Per2_Vehicle	SpeedValid_Cnt_lgc		
target_CustBattDiag_Per2_Vehicle	Speed_Kph_f32		
Actual Value	Expected Value	Resul	
444559616	·		
0xE3	0xE3		
UNES			
0x00	0x00		
	200.200348 34440 15435 640 63455 0 18567 768 31745 0 43307 640 23915 0 39657 640 15053 0 65455 640 15391 0 12808 640 12394 0 10418 23.0694981 1 1 2 1 0 165.727875 0 165.727875 0 165.727875 0 167.94459616 target_CustBattDiag_Per2_Batt_Votarget_CustBattDiag_Per2_EtatMT target_CustBattDiag_Per2_EtatMT target_CustBattDiag_Per2_EtatMT target_CustBattDiag_Per2_SttdSel Lic_target_CustBattDiag_Per2_Cyehicle target_CustBattDiag_Per2_Cyehicle target_CustBattDiag_Per2_Cyehicle target_CustBattDiag_Per2_Cyehicle target_CustBattDiag_Per2_Cyehicle target_CustBattDiag_Per2_Vehicle target_CustBattDiag_Per2_Vehicle target_CustBattDiag_Per2_Vehicle target_CustBattDiag_Per2_Vehicle target_CustBattDiag_Per2_Vehicle target_CustBattDiag_Per2_Vehicle	200.200348 34440 15435 640 63455 0 0 18567 768 31745 0 0 43397 640 23915 0 0 39657 640 15053 0 65455 640 15391 0 12808 640 12394 0 101418 23.0694981 1 1 2 2 1 0 105.727875 0 0 165.727875 0 0 17293 1744559616 174592 17492 17492 17492 1748448 1744559616 1757629504 17459616 1744559616 17459616 1744559616 1757629504 174844559616 1744559616 1757629504 1744559616 1744848 174444559616 1744848 1744848 1744848 1744848 1744488 174488 17	



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	~

Fest Step 2.39 (Repeat Count = 1)	Invest Value
lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1383545600
CustBattDiag_LOISet_ms_M_u32p0	859002112
CustBattDiag_LVCCIr_ms_M_u32p0	366856960
CustBattDiag_LVCSet_ms_M_u32p0	968910080
CustBattDiag_LVHSCCIr_ms_M_u32p0	3729227520
CustBattDiag_LVHSCSet_ms_M_u32p0	1603680512
CustBattDiag_LVHSClr_ms_M_u32p0	1383545600
CustBattDiag_LVHSSet_ms_M_u32p0	859002112
CustBattDiag_LVLSCCIr_ms_M_u32p0	325452544
CustBattDiag_LVLSCSet_ms_M_u32p0	2114018560
CustBattDiag_LVLSCIr_ms_M_u32p0	3685824256
CustBattDiag_LVLSSet_ms_M_u32p0	838119680
sustBattDiag_LVSMClr_ms_M_u32p0	341231360
CustBattDiag_LVSMSet_ms_M_u32p0	2644033792
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
tte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapse	edTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTi	me) target_Rte_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
_CustBattDiagLOlspd_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_ms_u16p0	8959
_LVLSDetect_Volts_u10p6	1152
LVLSDetect ms u16p0	5952
LVLSNotDetect Volts u10p6	1040
	4960
_LVLSNotDetect_ms_u16p0	
_LVSMDetect_Volts_u10p6	1152
_LVSMDetect_ms_u16p0	17190
_LVSMNotDetect_Volts_u10p6	1040
_LVSMNotDetect_ms_u16p0	53914
arget_CustBattDiag_Per2_Batt_Volt_f32.value	21.7121315
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1





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_Ela	ap 59028		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	nt 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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_3.Cus$	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_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_LVLSCCIr_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_LVCCIr_ms_M_u32p0	183591424	
CustBattDiag_LVCSet_ms_M_u32p0	36803584	
CustBattDiag_LVHSCClr_ms_M_u32p0	2844018176	
CustBattDiag_LVHSCSet_ms_M_u32p0	3774879744	
CustBattDiag_LVHSCIr_ms_M_u32p0	3336901120	
CustBattDiag_LVHSSet_ms_M_u32p0	3449340928	
CustBattDiag_LVLSCCIr_ms_M_u32p0	2570631680	
CustBattDiag_LVLSCSet_ms_M_u32p0	2404297728	
CustBattDiag_LVLSCIr_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	DP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_El	apsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_GetSystemTime_mS_u32_Curre	entTime
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	1040		
k_LVHSCNotDetect_ms_u16p0	18095		
k_LVHSDetect_Volts_u10p6	320 32254		
k_LVHSDetect_ms_u16p0	1040		
k_LVHSNotDetect_Volts_u10p6	35601		
k_LVI SCPotest Volta u1096	320		
k_LVLSCDetect_Volts_u10p6 k_LVLSCDetect_ms_u16p0	37293		
k LVLSCNotDetect Volts u10p6	1040		
k_LVLSCNotDetect_ms_u16p0	60829		
k_LVLSDetect_Volts_u10p6	320		
k_LVLSDetect_ms_u16p0	16992		
k LVLSNotDetect Volts u10p6	1040		
k_LVLSNotDetect_ms_u16p0	7065		
k_LVSMDetect_Volts_u10p6	320		
k_LVSMDetect_ms_u16p0	7887		
k_LVSMNotDetect_Volts_u10p6	1040		
k_LVSMNotDetect_ms_u16p0	33034		
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.5412579		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	160.940979		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	61382		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
target_Rte_Inst_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	1	
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_LVHSCIr_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	· ·
CustBattDiag_LVLSCIr_ms_M_u32p0	2653363712	2653363712	•
CustBattDiag_LVLSSet_ms_M_u32p0	432320512	432320512	•
CustBattDiag_LVSMCIr_ms_M_u32p0	1047948800	1047948800	~
CustBattDiag_LVSMSet_ms_M_u32p0	991461376	991461376	<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	~



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 CustBattlian 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	~

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

Test Step 2.42 (Repeat Count = 1)	
	Innut Value
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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_ms_u16) = 0.000 + 0$	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()	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
	48164
k_LVHSNotDetect_ms_u16p0	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
k_LVLSDetect_ms_u16p0	7311
k_LVLSNotDetect_Volts_u10p6	1088
k_LVLSNotDetect_ms_u16p0	55764
k_LVSMDetect_Volts_u10p6	1984
k_LVSMDetect_ms_u16p0	10838
k_LVSMNotDetect_Volts_u10p6	1088
k_LVSMNotDetect_ms_u16p0	37841
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.7872105
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
	0





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_MS_u32_CustBattDiag_SystemTime_GetSystemTime_MS_u32_CustBattDiag_SystemTime_GetSystemTime_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_System_	rrent 4159161856	4159161856			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f3	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_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	344.108124
k_CustBattDiaghispd_kph_f32	2.19975305
k_CustBattDiaglospd_kph_f32	227.102081
k_LOIDetect_ms_u16p0	3271

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CusibaliDiag_Fe12			TOLC TOUT
Name	Input Value		
k_LOINotDetect_ms_u16p0	45509		
k_LVCDetect_Volts_u10p6	640		
k_LVCDetect_ms_u16p0	65067		
k_LVCNotDetect_Volts_u10p6	1088		
k_LVCNotDetect_ms_u16p0	20806		
k_LVHSCDetect_Volts_u10p6	960		
k_LVHSCDetect_ms_u16p0	10723		
k_LVHSCNotDetect_Volts_u10p6	1088		
k_LVHSCNotDetect_ms_u16p0	14493		
k_LVHSDetect_Volts_u10p6	640		
k_LVHSDetect_ms_u16p0	25270		
k_LVHSNotDetect_Volts_u10p6	1088		
k_LVHSNotDetect_ms_u16p0	59157		
k_LVLSCDetect_Volts_u10p6	640		
k_LVLSCDetect_ms_u16p0	4579		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	25988		
k_LVLSDetect_Volts_u10p6	640		
k_LVLSDetect_ms_u16p0	35058		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	53964		
k_LVSMDetect_Volts_u10p6	640		
k_LVSMDetect_ms_u16p0	57106		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	33469		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.4605503		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	215.635406		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	38353		
target_Rte_Inst_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_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	_	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4185270016	4185270016	~
CustBattDiag_LOISet_ms_M_u32p0	4185270016	4185270016	✓
CustBattDiag_LVCClr_ms_M_u32p0	4240310016	4240310016	~
CustBattDiag_LVCSet_ms_M_u32p0	1569765632	1569765632	~
CustBattDiag_LVHSCCIr_ms_M_u32p0	1517286144	1517286144	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4101557504	4101557504	~
CustBattDiag_LVHSClr_ms_M_u32p0	743075584	743075584	~
CustBattDiag_LVHSSet_ms_M_u32p0	3320752384	3320752384	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	1314371328	1314371328	~
CustBattDiag_LVLSCSet_ms_M_u32p0	194982144	194982144	~
CustBattDiag_LVLSCIr_ms_M_u32p0	2590190336	2590190336	~
CustBattDiag_LVLSSet_ms_M_u32p0	1373422848	1373422848	✓
CustBattDiag_LVSMClr_ms_M_u32p0	868596480	868596480	~
CustBattDiag_LVSMSet_ms_M_u32p0	365286656	365286656	✓

T .			✓	
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 2.44 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3074127360	
CustBattDiag_LOISet_ms_M_u32p0	3686189056	
CustBattDiag_LVCClr_ms_M_u32p0	1210107392	
CustBattDiag_LVCSet_ms_M_u32p0	4044396544	
CustBattDiag_LVHSCCIr_ms_M_u32p0	2547706368	
CustBattDiag_LVHSCSet_ms_M_u32p0	2510838784	

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CustBattDiag_Per2

CusibaliDiag_Per2		15	
Name	Input Value		
CustBattDiag_LVHSClr_ms_M_u32p0	3074127360		
CustBattDiag_LVHSSet_ms_M_u32p0	3686189056		
CustBattDiag_LVLSCCIr_ms_M_u32p0	3382784		
CustBattDiag_LVLSCSet_ms_M_u32p0	1455763456		
CustBattDiag_LVLSCIr_ms_M_u32p0	3403760128		
CustBattDiag_LVLSSet_ms_M_u32p0	593261568		
CustBattDiag_LVSMCIr_ms_M_u32p0	2096730624		
CustBattDiag_LVSMSet_ms_M_u32p0	2413904896	OD CET sissal	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_0		ElancadTima
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)	<pre>m target_Rte_Call_Ap_CustBattDiag_SystemT target_Rte_Call_Ap_CustBattDiag_SystemT</pre>		-
Rte_Inst_Ap_CustBattDiag	target Rte Inst Ap CustBattDiag 2	inic_cotoyotciiiriiiic_iiic_uoz_cu	
Rte Mode Ap CustBattDiag SystemState Mode()	3		
k_CustBattDiagLOlspd_kph_f32	348.95224		
k_CustBattDiaghispd_kph_f32	0		
k_CustBattDiaglospd_kph_f32	332.629303		
k_LOIDetect_ms_u16p0	17484		
k_LOINotDetect_ms_u16p0	24296		
k_LVCDetect_Volts_u10p6	192		
k_LVCDetect_ms_u16p0	22432		
k_LVCNotDetect_Volts_u10p6	320		
k_LVCNotDetect_ms_u16p0	7142		
k_LVHSCDetect_Volts_u10p6	448		
k_LVHSCDetect_ms_u16p0	57401		
k_LVHSCNotDetect_Volts_u10p6	320 2978		
k_LVHSCNotDetect_ms_u16p0 k_LVHSDetect_Volts_u10p6	192		
k LVHSDetect ms u16p0	52702		
k_LVHSNotDetect_Volts_u10p6	320		
k_LVHSNotDetect_ms_u16p0	7002		
k_LVLSCDetect_Volts_u10p6	192		
k LVLSCDetect ms u16p0	32167		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0	15581		
k_LVLSDetect_Volts_u10p6	192		
k_LVLSDetect_ms_u16p0	65178		
k_LVLSNotDetect_Volts_u10p6	320		
k_LVLSNotDetect_ms_u16p0	44581		
k_LVSMDetect_Volts_u10p6	192		
k_LVSMDetect_ms_u16p0	26201		
k_LVSMNotDetect_Volts_u10p6	320		
k_LVSMNotDetect_ms_u16p0	15219		
target_CustBattDiag_Per2_Batt_Volt_f32.value target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	30.6883354		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target CustBattDiag Per2 SttdSelected Cnt Igc.value	0		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	1		
target CustBattDiag Per2 VehicleSpeed Kph f32.value	119.546936		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	33117		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Currer	nt 3298315776		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_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		
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	ph_f32	
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	3298315776	3298315776	•
CustBattDiag_LOISet_ms_M_u32p0	3298315776	3298315776	
CustBattDiag_LVCCIr_ms_M_u32p0	1210107392	1210107392	
CustBattDiag_LVCSet_ms_M_u32p0	4044396544	4044396544	
CustBattDiag_LVHSCSt_ms_M_u32p0	2547706368 2510838784	2547706368 2510838784	
CustBattDiag_LVHSCSet_ms_M_u32p0	3074127360	3074127360	
CustBattDiag_LVHSClr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	3298315776	3298315776	
CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0	3382784	3382784	
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	1455763456	1455763456	
CustBattDiag_LVLSCIr_ms_M_u32p0	3403760128	3403760128	
CustBattDiag_LVLSSet ms M u32p0	3298315776	3298315776	
CustBattDiag LVSMCIr ms M u32p0	2096730624	2096730624	
CustBattDiag_LVSMSet_ms_M_u32p0	2413904896	2413904896	
NTC Cnt T enum	0xE1	0xE1	

0xE1

0xE1

NTC_Cnt_T_enum

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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	~	

lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	121921792
CustBattDiag_LOISet_ms_M_u32p0	1704618752
sustBattDiag_LVCClr_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_LOICIr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVCCIr_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 9296128 9296128 CustBattDiag_LVHSCIr_ms_M_u32p0 121921792 121921792 CustBattDiag_LVLSCCIr_ms_M_u32p0 1704618752 1704618752 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCSet_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSCt_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSSet_ms_M_u32p0 2354669312 2354669312				
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	Name	Input Value		
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_CetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_CetSystemTime_mS_u32_Current 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_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_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOICIr_ms_M_u32p0 Spe6128 Spe6128 Spe6128 Spe6128 Spe6128 Spe6128 CustBattDiag_LVCSct_ms_M_u32p0 Spe6128 Spe6128 Spe6128 CustBattDiag_LVCSct_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVHSCCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVHSCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVHSCir_ms_M_u32p0 Total RiskSet_ms_M_u32p0 Total RiskSet_ms_M_u32p0 Spe6128 CustBattDiag_LVHSCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVHSCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVHSCir_ms_M_u32p0 Spe6128 Spe6128 Spe6128 CustBattDiag_LVHSCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVHSCir_ms_M_u32p0 Spe6128 Spe6128 Spe6128 CustBattDiag_LVLSCir_ms_M_u32p0 Spe6128 Spe6128 Spe6128 CustBattDiag_LVLSCir_ms_M_u32p0 Spe6128 Spe6128 Spe6128 CustBattDiag_LVLSCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVLSCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVLSCir_ms_M_u32p0 Spe6128 Spe6128 CustBattDiag_LVLSCir_ms_M_u32p0 Spe6128 S	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_Ength_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_Per2_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_Vehicl	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	101.934814		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_current 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_EndOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EndOn_Cnt_lgc target_CustBattDiag_Per2_EndOn_Cnt_lgc target_CustBattDiag_Per2_EndMT_Cnt_u08 target_CustBattDiag_Per2_EndMT_Cnt_u08 target_CustBattDiag_Per2_EndMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value Rest Name Actual Value Expected Value Rest CustBattDiag_LOISet_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVCCr_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCSet_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCSet_ms_M_u32p0 1704618752 1704618752 1704618752 CustBattDiag_LVLSCir_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVLSCir_ms_M_u32p0	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Inst_Ap_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_Per2_StdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_StdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeedKpf_f32 Name Actual Value Expected Value Rest CustBattDiag_LOICir_ms_M_u32p0 9296128 9296128 9296128 9296128 9296128 9296128 9296128 0296128 9296128 9296128 9296128 9296128 0296128 9296128 0296128 9296128 0296128 0296128 9296128 029	$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap$	29878		
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_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Resu CustBattDiag_LOICir_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVCCir_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVCSet_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCCir_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCSet_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCSet_ms_M_u32p0 121921792 121921792 121921792 CustBattDiag_LVHSSet_ms_M_u32p0 1704618752 1704618752 1704618752 CustBattDiag_LVLSCotr_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVLSCotr_ms_M	$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	9296128		
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_lcc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lcc target_Rte_Inst_Ap_CustBattDiag_Per2_VehicleSpeed_Rph_f32 Name Actual Value Expected Value Rest CustBattDiag_LOICIr_ms_M_u32p0 9296128 9296128 9296128 9296128 9296128 9296128 9296128 9296128 0ustBattDiag_LVCSet_ms_M_u32p0 9296128 9296128 9296128 9296128 9296128 0ustBattDiag_LVHSCot_ms_M_u32p0 9296128 9296128 9296128 0ustBattDiag_LVHSCot_ms_M_u32p0 9296128 9296128 0ustBattDiag_LVHSCot_ms_M_u32p0 9296128 9296128 9296128 0ustBattDiag_LVLSCot_ms_M_u32p0 9296128 9296128 9296128 0ustBattDiag_LVLSCot_ms_M_u32p0 9296128 9296128 9296128 0ustBattDiag_LVLSCot_ms_M_u32p0 9296128 0ustBattDiag_LVLSCot_ms_M_u32p0 9296128 9296128 9296128 9296128 0ustBattDiag_LVLSCot_ms_M_u32p0 9296128 0ustBattDiag_LVLSCot_ms_M_u32p0 9296128 0ustBattDiag_LVLSCot_ms_M_u32p0 9296128 9296128 9296128 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_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Resultanget_CustBattDiag_LolCir_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVCCIr_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 9296128 9296128 CustBattDiag_LVHSCir_ms_M_u32p0 1704618752 1704618752 CustBattDiag_LVLSCir_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCir_ms_	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.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 Resultance CustBattDiag_LOICIr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVCCIr_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_LVHSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVHSCIr_ms_M_u32p0 121921792 121921792 CustBattDiag_LVLSCCIr_ms_M_u32p0 1704618752 1704618752 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCIr_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSCet_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSCet_ms_M_u32p0 2354669312 2354669312	target_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 Result CustBattDiag_LOICIr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVCCIr_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 9296128 9296128 CustBattDiag_LVHSCIr_ms_M_u32p0 121921792 121921792 CustBattDiag_LVLSCCIr_ms_M_u32p0 1704618752 1704618752 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCIr_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSCet_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSSet_ms_M_u32p0 2354669312 2354669312	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LOISet_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVCCIr_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCCIr_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCSet_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVHSCIr_ms_M_u32p0 121921792 121921792 121921792 CustBattDiag_LVHSSet_ms_M_u32p0 1704618752 1704618752 1704618752 CustBattDiag_LVLSCOIr_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 9296128 CustBattDiag_LVLSCIr_ms_M_u32p0 1921187072 1921187072 1921187072 CustBattDiag_LVLSSet_ms_M_u32p0 2354669312 2354669312 2354669312	$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$	target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
CustBattDiag_LOICIr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVCCIr_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 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_LVLSCSet_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSCset_ms_M_u32p0 2354669312 2354669312	$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$	target_CustBattDiag_Per2_VehicleSpeed_Kp	h_f32	
CustBattDiag_LOISet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVCCIr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVHSCCIr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVHSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVHSCIr_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	Name	Actual Value	Expected Value	Result
CustBattDiag_LVCCIr_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_LOICIr_ms_M_u32p0	9296128	9296128	~
CustBattDiag_LVCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVHSCClr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVHSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVHSClr_ms_M_u32p0 121921792 121921792 CustBattDiag_LVHSSet_ms_M_u32p0 1704618752 1704618752 CustBattDiag_LVLSCClr_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSClr_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSSet_ms_M_u32p0 2354669312 2354669312	CustBattDiag_LOISet_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_LVCClr_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_LVCSet_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_LVHSCClr_ms_M_u32p0	9296128	9296128	~
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_LVHSCSet_ms_M_u32p0	9296128	9296128	~
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_LVHSClr_ms_M_u32p0	121921792	121921792	~
CustBattDiag_LVLSCSet_ms_M_u32p0 9296128 9296128 CustBattDiag_LVLSCIr_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSSet_ms_M_u32p0 2354669312 2354669312	CustBattDiag_LVHSSet_ms_M_u32p0	1704618752	1704618752	~
CustBattDiag_LVLSCIr_ms_M_u32p0 1921187072 1921187072 CustBattDiag_LVLSSet_ms_M_u32p0 2354669312 2354669312	CustBattDiag_LVLSCClr_ms_M_u32p0	9296128	9296128	~
CustBattDiag_LVLSSet_ms_M_u32p0 2354669312 2354669312	CustBattDiag_LVLSCSet_ms_M_u32p0	9296128	9296128	~
	CustBattDiag_LVLSCIr_ms_M_u32p0	1921187072	1921187072	~
CuetBattDiag LVSMCIr ms M u32n0 3782872320	CustBattDiag_LVLSSet_ms_M_u32p0	2354669312	2354669312	~
0102012320 0102012320 0102012320	CustBattDiag_LVSMCIr_ms_M_u32p0	3782872320	3782872320	~
CustBattDiag_LVSMSet_ms_M_u32p0 504035072 504035072	CustBattDiag_LVSMSet_ms_M_u32p0	504035072	504035072	~
NTC_Cnt_T_enum	NTC_Cnt_T_enum	0xE8	0xE8	~
Param_Cnt_T_u08 0x01 0x01	Param_Cnt_T_u08	0x01	0x01	~
Status_Cnt_T_enum 0x01	Status_Cnt_T_enum	0x01	0x01	~

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_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	•

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 2.47 (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 $k_CustBattDiagLOlspd_kph_f32$ 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 CustBattDiag_LVSMSet_ms_M_u32p0 2069090048 2069090048 NTC_Cnt_T_enum 0xE0 0xE0 Param_Cnt_T_u08 0x00 0x00 Status_Cnt_T_enum 0x00

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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	~

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

Test Step 2.48 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_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
<pre><_LVHSCNotDetect_Volts_u10p6</pre>	1984
k_LVHSCNotDetect_ms_u16p0	65535
k_LVHSDetect_Volts_u10p6	1984
k_LVHSDetect_ms_u16p0	65535
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	65535
k_LVLSCDetect_Volts_u10p6	1984
k_LVLSCDetect_ms_u16p0	65535
k_LVLSCNotDetect_Volts_u10p6	1984
k_LVLSCNotDetect_ms_u16p0	65535
k_LVLSDetect_Volts_u10p6	1984
k_LVLSDetect_ms_u16p0	65535
k_LVLSNotDetect_Volts_u10p6	1984
k_LVLSNotDetect_ms_u16p0	65535
k_LVSMDetect_Volts_u10p6	1984
k_LVSMDetect_ms_u16p0	65535
k_LVSMNotDetect_Volts_u10p6	1984

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CustBattDiag_Per2	, 11.30.27 10330	Razon	'at
Name	Input Value		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	4294967295		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_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	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	4294967295	4294967295	~
0 (0 (0) 10 (0) 14 (0) 0	1001007005	100 100 700 5	

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	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_LVLSCClr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	•
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295	4294967295	~

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 2.49 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2266199296
CustBattDiag_LOISet_ms_M_u32p0	2305597184
CustBattDiag_LVCCIr_ms_M_u32p0	1336444160
CustBattDiag_LVCSet_ms_M_u32p0	4050398976
CustBattDiag_LVHSCCIr_ms_M_u32p0	4006107392
CustBattDiag_LVHSCSet_ms_M_u32p0	2729255680
CustBattDiag_LVHSClr_ms_M_u32p0	2266199296
CustBattDiag_LVHSSet_ms_M_u32p0	2305597184
CustBattDiag_LVLSCCIr_ms_M_u32p0	2594536704
CustBattDiag_LVLSCSet_ms_M_u32p0	4007651072
CustBattDiag_LVLSClr_ms_M_u32p0	1252184320
CustBattDiag_LVLSSet_ms_M_u32p0	1587174144
CustBattDiag_LVSMClr_ms_M_u32p0	198107392
CustBattDiag_LVSMSet_ms_M_u32p0	3838372608
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_CustBattDiagLOlspd_kph_f32	117.534805
k_CustBattDiaghispd_kph_f32	94.532753
k_CustBattDiaglospd_kph_f32	117.656502
k_LOIDetect_ms_u16p0	43134
k_LOINotDetect_ms_u16p0	32153
k_LVCDetect_Volts_u10p6	1472
k_LVCDetect_ms_u16p0	38631
k_LVCNotDetect_Volts_u10p6	1600
k_LVCNotDetect_ms_u16p0	5271
k_LVHSCDetect_Volts_u10p6	576
k_LVHSCDetect_ms_u16p0	10801

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			-	
Name	Input Value			
k_LVHSCNotDetect_Volts_u10p6	1600			
k LVHSCNotDetect ms u16p0	55868			
k_LVHSDetect_Volts_u10p6	1472			
k LVHSDetect ms u16p0	5711			
k_LVHSNotDetect_Volts_u10p6	1600			
k_LVHSNotDetect_ms_u16p0	45697			
k_LVLSCDetect_Volts_u10p6	1472			
k_LVLSCDetect_ms_u16p0	31757			
k_LVLSCNotDetect_Volts_u10p6	1600			
k_LVLSCNotDetect_ms_u16p0	25558			
k_LVLSDetect_Volts_u10p6	1472			
k_LVLSDetect_ms_u16p0	25499			
k_LVLSNotDetect_Volts_u10p6	1600			
k_LVLSNotDetect_ms_u16p0	48382			
k_LVSMDetect_Volts_u10p6	1472			
k_LVSMDetect_ms_u16p0	47762			
k_LVSMNotDetect_Volts_u10p6	1600			
k_LVSMNotDetect_ms_u16p0	24936			
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.6839647			
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0			
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9			
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	156.811935			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap$	58736			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	2765253888			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$	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	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 LVHSCIr 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_LVSMClr_ms_M_u32p0	198107392	198107392		-
CustBattDiag_LVSMSet_ms_M_u32p0	3838372608	3838372608		✓
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_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	1336444160 4050398976 4006107392 2729255680 2266199296 2305597184 2594536704 4007651072 1252184320 1587174144 198107392	1336444160 4050398976 4006107392 2729255680 2266199296 2305597184 2594536704 4007651072 1252184320 1587174144 198107392		

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

Test Step 2.50 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_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_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	

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Name	Input Value		
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808		
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_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_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1		
k_CustBattDiagLOlspd_kph_f32	131.33667		
k_CustBattDiaghispd_kph_f32	471.819061		
k_CustBattDiaglospd_kph_f32	69.1914825		
k_LOIDetect_ms_u16p0	52546		
k_LOINotDetect_ms_u16p0	58158		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	65241		
k_LVCNotDetect_Volts_u10p6	1280		
k_LVCNotDetect_ms_u16p0	4035		
k_LVHSCDetect_Volts_u10p6	576		
k_LVHSCDetect_ms_u16p0	59627		
k_LVHSCNotDetect_Volts_u10p6	1280		
k_LVHSCNotDetect_ms_u16p0	12772		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	28514		
k_LVHSNotDetect_Volts_u10p6	1280		
k_LVHSNotDetect_ms_u16p0	17223		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	48574		
k_LVLSCNotDetect_Volts_u10p6	1280		
k_LVLSCNotDetect_ms_u16p0	49241		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	64448		
k_LVLSNotDetect_Volts_u10p6	1280		
k_LVLSNotDetect_ms_u16p0	35164		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	51508		
k_LVSMNotDetect_Volts_u10p6	1280		
k_LVSMNotDetect_ms_u16p0	36456		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.3157749		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.4979305		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap			
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		
0 = = = 1= 0= 0= = = = =	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	1	n .
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1892744960	1892744960	
CustBattDiag_LOISet_ms_M_u32p0	1892744960	1892744960	•
CustBattDiag_LVCCIr_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	•
CustBattDiag_LVSMSet_ms_M_u32p0	3742231808	3742231808	- - - - - - - - - - -

T				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~



Took Ston 2 F4 (Bonnet Count - 4)			
Test Step 2.51 (Repeat Count = 1) Name	Input Value		~
	4294967295		
0= = = - !	4294967295		
	4294967295		
	4294967295		
	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		
0	4294967295		
<u> </u>	4294967295		
0	4294967295		
0	4294967295		
	4294967295	D CET signal	
	target_Rte_Call_Ap_CustBattDiag_EpsEn_O		•
		me_DtrmnElapsedTime_mS_u16_ElapsedTim	е
	target_Rte_Call_Ap_CustBattDiag_SystemTil target_Rte_Inst_Ap_CustBattDiag_2	me_GetSystemTime_ms_usz_currentTime	
	target_Rte_inst_Ap_CustbattDiag_2		
	512		
	512		
_ 0	512		
	65535		
	65535		
	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		
	65535		
	1984		
,	65535		
	1984		
	65535		
	1984		
,	65535 1984		
	65535		
	1984		
	65535		
	1984		
	65535		
	1984		
	65535		
	31		
·	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65535		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
	target_CustBattDiag_Per2_Batt_Volt_f32		
	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_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt		
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_Ig	target_CustBattDiag_Per2_VehicleSpeedVali	id_Cnt_lgc	
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_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeedValitarget_CustBattDiag_Per2_VehicleSpeed_Kp	id_Cnt_lgc oh_f32	
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_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name	target_CustBattDiag_Per2_VehicleSpeedValitarget_CustBattDiag_Per2_VehicleSpeed_KpActual Value	id_Cnt_lgc oh_f32 Expected Value	Result
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_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0	target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 4294967295	id_Cnt_lgc oh_f32 Expected Value 4294967295	Result
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 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 4294967295 4294967295	id_Cnt_lgc oh_f32 Expected Value 4294967295 4294967295	Result
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 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 4294967295 4294967295 4294967295	id_Cnt_lgc oh_f32 Expected Value 4294967295 4294967295 4294967295	•
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 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	target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 4294967295 4294967295	id_Cnt_lgc oh_f32 Expected Value 4294967295 4294967295	Result

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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	~

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 2.52 (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_Elap	5055		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	300275200		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	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	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_LVLSCClr_ms_M_u32p0	300275200	300275200	•
CustBattDiag_LVLSCSet_ms_M_u32p0	2943481856	2943481856	~
CustBattDiag_LVLSClr_ms_M_u32p0	1041975808	1041975808	•
CustBattDiag_LVLSSet_ms_M_u32p0	716684288	716684288	~
CustBattDiag_LVSMClr_ms_M_u32p0	3509950976	3509950976	~
CustBattDiag_LVSMSet_ms_M_u32p0	1687063552	1687063552	~

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

Test Step 2.53 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_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_LVLSCClr_ms_M_u32p0	1166889216
CustBattDiag_LVLSCSet_ms_M_u32p0	321444608
CustBattDiag_LVLSClr_ms_M_u32p0	1794434304
CustBattDiag_LVLSSet_ms_M_u32p0	3714551552
CustBattDiag_LVSMClr_ms_M_u32p0	3202741504
CustBattDiag_LVSMSet_ms_M_u32p0	3475185408
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(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		MAC	rical
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	175		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\$	415580416		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerset and target_Results and $	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	415580416	415580416	~
CustBattDiag_LOISet_ms_M_u32p0	415580416	415580416	~
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_LVHSClr_ms_M_u32p0	970508544	970508544	•
CustBattDiag_LVHSSet_ms_M_u32p0	4214166272	4214166272	•
CustBattDiag_LVLSCCIr_ms_M_u32p0	1166889216	1166889216	~
CustBattDiag_LVLSCSet_ms_M_u32p0	321444608	321444608	~
CustBattDiag_LVLSClr_ms_M_u32p0	1794434304	1794434304	~
CustPottDiag IVI SSst. ms. M. u22n0	2714551552	2714551552	

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	_

3714551552

3202741504

3475185408

3714551552

3202741504

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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

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CustBattDiag_Per2

Name	Input Value		
CustBattDiag_LVLSClr_ms_M_u32p0	3767800832		
CustBattDiag_LVLSSet_ms_M_u32p0	6559232		
CustBattDiag_LVSMClr_ms_M_u32p0	3170952192		
CustBattDiag_LVSMSet_ms_M_u32p0	1299277312		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_0	OP_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTire_ms_u16)	n target_Rte_Call_Ap_CustBattDiag_System1	ime_DtrmnElapsedTime_mS_u16_Elap	sedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_System1	ime_GetSystemTime_mS_u32_Current	Time
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0		
k_CustBattDiagLOIspd_kph_f32	149.76178		
k_CustBattDiaghispd_kph_f32	293.707977		
k_CustBattDiaglospd_kph_f32	512 7961		
k_LOIDetect_ms_u16p0 k_LOINotDetect_ms_u16p0	20642		
k_LVCDetect_Volts_u10p6	1088		
k_LVCDetect_ms_u16p0	62220		
k_LVCNotDetect_Volts_u10p6	960		
k_LVCNotDetect_ms_u16p0	17190		
k LVHSCDetect Volts u10p6	1088		
k_LVHSCDetect_ms_u16p0	27684		
k_LVHSCNotDetect_Volts_u10p6	960		
k_LVHSCNotDetect_ms_u16p0	16982		
k_LVHSDetect_Volts_u10p6	1088		
k_LVHSDetect_ms_u16p0	11526		
k_LVHSNotDetect_Volts_u10p6	960		
k_LVHSNotDetect_ms_u16p0	16752		
k_LVLSCDetect_Volts_u10p6	1088		
k_LVLSCDetect_ms_u16p0	56007		
k_LVLSCNotDetect_Volts_u10p6	960		
k_LVLSCNotDetect_ms_u16p0	59514		
k_LVLSDetect_Volts_u10p6	1088		
k_LVLSDetect_ms_u16p0	26322		
k_LVLSNotDetect_Volts_u10p6	960		
k_LVLSNotDetect_ms_u16p0	5537		
k_LVSMDetect_Volts_u10p6	1088		
k_LVSMDetect_ms_u16p0	58930		
k_LVSMNotDetect_Volts_u10p6	960 26645		
k_LVSMNotDetect_ms_u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value	6.50200605		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	12		
target CustBattDiag Per2 SttdSelected Cnt Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	303.199432		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Ela	p 31596		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer	ut 462618624		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cr	nt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_3.CustBattDiag_3.CustBattDiag_3.CustBattDiag_4.Cus$	g target_CustBattDiag_Per2_VehicleSpeedVa	llid_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_LOIClr_ms_M_u32p0	462618624	462618624	
CustBattDiag_LOISet_ms_M_u32p0	462618624	462618624	
CustBattDiag_LVCClr_ms_M_u32p0	3627694080	3627694080	
CustBattDiag_LVCSet_ms_M_u32p0	3787971072	3787971072	
CustBattDiag_LVHSCClr_ms_M_u32p0	462618624	462618624	
CustBattDiag_LVHSCSet_ms_M_u32p0	2653961728	2653961728	
CustBattDiag_LVHSCIr_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	
CustBattDiag_LVLSCIr_ms_M_u32p0	3767800832	3767800832	,
CustBattDiag_LVLSSet_ms_M_u32p0	6559232	6559232	
CustBattDiag_LVSMCIr_ms_M_u32p0	3170952192	3170952192	
CustBattDiag_LVSMSet_ms_M_u32p0 NTC Cnt T enum	1299277312 0xE3	1299277312 0xE3	
NIO OIL I BIUIII	LOVES	1.1/4/2-3	

0xE3

0x01

0x01

0xE3

0x01

0x01

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	~

Test Step 2.55 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2513799936
CustBattDiag_LOISet_ms_M_u32p0	2951619840
CustBattDiag_LVCCIr_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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt lo	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_LVCCIr_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_LVLSCCIr_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	~

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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_LVHSCIr_ms_M_u32p0	2717448448
CustBattDiag_LVHSSet_ms_M_u32p0	582402816
CustBattDiag_LVLSCCIr_ms_M_u32p0	2228453632
CustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
CustBattDiag_LVLSCIr_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(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime_	e) target_Rte_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
_LOINotDetect_ms_u16p0	15435
_LVCDetect_Volts_u10p6	640
_LVCDetect_ms_u16p0	63455
_LVCNotDetect_Volts_u10p6	0
LVCNotDetect_ms_u16p0	18567
_LVHSCDetect_Volts_u10p6	768
z_LVHSCDetect_ms_u16p0	31745
c_LVHSCNotDetect_Volts_u10p6	0
 x_LVHSCNotDetect_ms_u16p0	43307
 _LVHSDetect_Volts_u10p6	640
 _LVHSDetect_ms_u16p0	23915
	0
C LVHSNotDetect ms u16p0	39657
<pre></pre>	640
C LVLSCDetect ms u16p0	15053



CustBattDiag_Per2			MACILAR
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_Elap	47293		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\$	444559616		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lgEnder_Cnt_lg$	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	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_LVLSClr_ms_M_u32p0	3712619776	3712619776	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1902919424	1902919424	~
CustBattDiag_LVSMClr_ms_M_u32p0	92742912	92742912	•
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	2069090048	✓
NTC_Cnt_T_enum	0xE0	0xE0	•
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	~
NTC_Cnt_T_enum	0xE3	0xE3	~
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	✓

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	~

Test Step 2.57 (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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CustBattDiag Per2 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 $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_msunfaces and the property of the property of$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$ 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

4294967295

4294967295

4294967295

4294967295

 $CustBattDiag_LVLSSet_ms_M_u32p0$

CustBattDiag_LVSMClr_ms_M_u32p0

CustBattDiag_Per2

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Name	Actual Value	Expected Value	Result
CustBattDiag LVSMSet ms M u32p0	4294967295	4294967295	✓

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

Fest 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
sustBattDiag_LVHSClr_ms_M_u32p0	2746854400
custBattDiag_LVHSSet_ms_M_u32p0	4187581952
custBattDiag_LVLSCCIr_ms_M_u32p0	1174180864
custBattDiag_LVLSCSet_ms_M_u32p0	4280325632
custBattDiag_LVLSClr_ms_M_u32p0	2520455168
CustBattDiag_LVLSSet_ms_M_u32p0	3047930368
custBattDiag_LVSMClr_ms_M_u32p0	94955520
rustBattDiag_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(ElapsedTim	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
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
CustBattDiagLOlspd_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_Igc.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_xp_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
g	



Name	Input Value			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	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	1587790848	1587790848	~	
CustBattDiag_LOISet_ms_M_u32p0	1587790848	1587790848	~	
CustBattDiag_LVCCIr_ms_M_u32p0	3641474048	3641474048	•	
CustBattDiag_LVCSet_ms_M_u32p0	2407316992	2407316992	•	
CustBattDiag_LVHSCCIr_ms_M_u32p0	431194112	431194112	~	
CustBattDiag_LVHSCSet_ms_M_u32p0	2277794304	2277794304	~	
CustBattDiag_LVHSClr_ms_M_u32p0	2746854400	2746854400	~	
CustBattDiag_LVHSSet_ms_M_u32p0	1587790848	1587790848	~	
CustBattDiag_LVLSCCIr_ms_M_u32p0	1174180864	1174180864	~	
CustBattDiag_LVLSCSet_ms_M_u32p0	4280325632	4280325632	•	
CustBattDiag_LVLSClr_ms_M_u32p0	2520455168	2520455168	~	
CustBattDiag_LVLSSet_ms_M_u32p0	1587790848	1587790848	•	
CustBattDiag_LVSMClr_ms_M_u32p0	94955520	94955520	~	
CustBattDiag_LVSMSet_ms_M_u32p0	1877084672	1877084672	✓	
NTC_Cnt_T_enum	0xE8	0xE8	~	
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	~	

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	~
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	~

Test Sten 2 F0 (Benest Count = 4)	
Test Step 2.59 (Repeat Count = 1)	·
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	639745792
CustBattDiag_LOISet_ms_M_u32p0	1309309184
CustBattDiag_LVCClr_ms_M_u32p0	359223040
CustBattDiag_LVCSet_ms_M_u32p0	4255156480
CustBattDiag_LVHSCCIr_ms_M_u32p0	2760131328
CustBattDiag_LVHSCSet_ms_M_u32p0	811179264
CustBattDiag_LVHSClr_ms_M_u32p0	639745792
CustBattDiag_LVHSSet_ms_M_u32p0	1309309184
CustBattDiag_LVLSCClr_ms_M_u32p0	1291388672
CustBattDiag_LVLSCSet_ms_M_u32p0	2887057664
CustBattDiag_LVLSClr_ms_M_u32p0	1800239872
CustBattDiag_LVLSSet_ms_M_u32p0	302224640
CustBattDiag_LVSMClr_ms_M_u32p0	3628337920
CustBattDiag_LVSMSet_ms_M_u32p0	1621140736
Rte_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	289.613708
k_CustBattDiaghispd_kph_f32	244.600494
k_CustBattDiaglospd_kph_f32	390.649902
k_LOIDetect_ms_u16p0	5389
k_LOINotDetect_ms_u16p0	62391
k_LVCDetect_Volts_u10p6	384
k_LVCDetect_ms_u16p0	6281
k_LVCNotDetect_Volts_u10p6	960
k_LVCNotDetect_ms_u16p0	51088

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CustbattDiag_Fer2		•	or contract
Name	Input Value		
k_LVHSCDetect_Volts_u10p6	0		
k LVHSCDetect ms u16p0	6349		
k LVHSCNotDetect Volts u10p6	960		
k LVHSCNotDetect ms u16p0	43154		
k LVHSDetect Volts u10p6	384		
k_LVHSDetect_ms_u16p0	22458		
k_LVHSNotDetect_Volts_u10p6	960		
k LVHSNotDetect ms u16p0	5012		
k LVLSCDetect Volts u10p6	384		
k LVLSCDetect ms u16p0	59128		
k LVLSCNotDetect Volts u10p6	960		
k_LVLSCNotDetect_ms_u16p0	60844		
k LVLSDetect Volts u10p6	384		
k LVLSDetect ms u16p0	19329		
k_LVLSNotDetect_Volts_u10p6	960		
k_LVLSNotDetect_ms_u16p0	28638		
k_LVSMDetect_Volts_u10p6	384		
k LVSMDetect ms u16p0	55899		
k LVSMNotDetect Volts u10p6	960		
k LVSMNotDetect ms u16p0	3577		
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.3417892		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target CustBattDiag Per2 SttdSelected Cnt Igc.value	0		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	0		
target CustBattDiag Per2 VehicleSpeed Kph f32.value	486.705292		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	34174		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
target Rte Inst 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 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	3687020288	3687020288	
CustBattDiag LOISet ms M u32p0	3687020288	3687020288	•
CustBattDiag_LVCCIr_ms_M_u32p0	359223040	359223040	
CustBattDiag_LVCSet_ms_M_u32p0	4255156480	4255156480	✓
CustBattDiag LVHSCCIr ms M u32p0	2760131328	2760131328	_
CustBattDiag LVHSCSet ms M u32p0	811179264	811179264	•
CustBattDiag LVHSClr ms M u32p0	639745792	639745792	
CustBattDiag_LVHSSet_ms_M_u32p0	1309309184	1309309184	_
CustBattDiag LVLSCCIr ms M u32p0	1291388672	1291388672	
CustBattDiag_LVLSCSet_ms_M_u32p0	2887057664	2887057664	~
CustBattDiag_LVLSCIr_ms_M_u32p0	1800239872	1800239872	
CustBattDiag LVLSSet ms M u32p0	302224640	302224640	_
CustBattDiag_LVSMClr_ms_M_u32p0	3628337920	3628337920	
CustBattDiag_LVSMSet_ms_M_u32p0	1621140736	1621140736	_
OuolDullDiug_L v OiviOct_IIIO_IVI_uo2po	1021110100	1021170700	

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 2.60 (Repeat Count = 1)		<u> </u>
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	183862784	
CustBattDiag_LOISet_ms_M_u32p0	916674560	
CustBattDiag_LVCClr_ms_M_u32p0	2405357056	
CustBattDiag_LVCSet_ms_M_u32p0	3558942720	
CustBattDiag_LVHSCClr_ms_M_u32p0	786299392	
CustBattDiag_LVHSCSet_ms_M_u32p0	692448256	
CustBattDiag_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_Per2

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Name	Input Value		
CustBattDiag_LVLSSet_ms_M_u32p0	3257402368		
CustBattDiag_LVSMCIr_ms_M_u32p0	750690816		
CustBattDiag_LVSMSet_ms_M_u32p0	1586549760		
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	target_Rte_Call_Ap_CustBattDiag_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedT	Γime
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()	4		
k_CustBattDiagLOIspd_kph_f32	442.799744		
k_CustBattDiaghispd_kph_f32	22.068531		
k_CustBattDiaglospd_kph_f32	277.334503		
k_LOIDetect_ms_u16p0	18107		
k_LOINotDetect_ms_u16p0	49748		
k_LVCDetect_Volts_u10p6	320		
k_LVCDetect_ms_u16p0	33735		
k_LVCNotDetect_Volts_u10p6	1856		
k_LVCNotDetect_ms_u16p0	16970		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	48827		
k_LVHSCNotDetect_Volts_u10p6	1856		
k_LVHSCNotDetect_ms_u16p0	62722		
k_LVHSDetect_Volts_u10p6	320		
k_LVHSDetect_ms_u16p0	33298		
k_LVHSNotDetect_Volts_u10p6	1856		
k_LVHSNotDetect_ms_u16p0	30492		
k_LVLSCDetect_Volts_u10p6	320		
k_LVLSCDetect_ms_u16p0	5544		
k_LVLSCNotDetect_Volts_u10p6	1856		
k_LVLSCNotDetect_ms_u16p0	27044		
k_LVLSDetect_Volts_u10p6	320		
k_LVLSDetect_ms_u16p0	13869		
k_LVLSNotDetect_Volts_u10p6	1856		
k_LVLSNotDetect_ms_u16p0	50222		
k_LVSMDetect_Volts_u10p6	320		
k_LVSMDetect_ms_u16p0	23487		
k_LVSMNotDetect_Volts_u10p6	1856		
k_LVSMNotDetect_ms_u16p0	44798		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_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	1		
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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current			
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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cn		
target_Rte_Inst_Ap_CustBattDiag_2:CustBattDiag_Per2_SttoSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2:CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeedVa target_CustBattDiag_Per2_VehicleSpeed_K		
	<u> </u>	<u> </u>	Des
Name	Actual Value	Expected Value	Resu
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_LVHSCIr_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_LVLSCIr_ms_M_u32p0	2774684160	2774684160	
CustBattDiag_LVLSSet_ms_M_u32p0	3257402368	3257402368	
CustBattDiag_LVSMCIr_ms_M_u32p0	750690816	750690816	
CustBattDiag LVSMSet ms M u32p0	1586549760	1586549760	



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	~

Took Stop 2 C4 (Paraget Count = 4)	م.
Test Step 2.61 (Repeat Count = 1)	Innext Walter
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1213608192
CustBattDiag_LOISet_ms_M_u32p0	2064956160
CustBattDiag_LVCClr_ms_M_u32p0	3294249216
CustBattDiag_LVCSet_ms_M_u32p0	2648394496
CustBattDiag_LVHSCCIr_ms_M_u32p0	1064097024
CustBattDiag_LVHSCSet_ms_M_u32p0	377290496
CustBattDiag_LVHSCIr_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
Rte_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_CustBattDiagLOlspd_kph_f32	189.863174
k_CustBattDiaghispd_kph_f32	361.994415
k_CustBattDiaglospd_kph_f32	145.078979
k_LOIDetect_ms_u16p0	39789
k_LOINotDetect_ms_u16p0	16855
k_LVCDetect_Volts_u10p6	192
k_LVCDetect_ms_u16p0	3528
k_LVCNotDetect_Volts_u10p6	1920
k_LVCNotDetect_ms_u16p0	53111
k_LVHSCDetect_Volts_u10p6	256
k_LVHSCDetect_ms_u16p0	43436
k_LVHSCNotDetect_Volts_u10p6	1920
k_LVHSCNotDetect_ms_u16p0	46605
k_LVHSDetect_Volts_u10p6	192
k_LVHSDetect_ms_u16p0	24389
k_LVHSNotDetect_Volts_u10p6	1920
k_LVHSNotDetect_ms_u16p0	26210
k_LVLSCDetect_Volts_u10p6	192
k_LVLSCDetect_ms_u16p0	8340
k_LVLSCNotDetect_Volts_u10p6	1920
k_LVLSCNotDetect_ms_u16p0	19545
k_LVLSDetect_Volts_u10p6	192
k_LVLSDetect_ms_u16p0	21669
k_LVLSNotDetect_Volts_u10p6	1920
k_LVLSNotDetect_ms_u16p0	6489
k_LVSMDetect_Volts_u10p6	192
k_LVSMDetect_ms_u16p0	60816
k_LVSMNotDetect_Volts_u10p6	1920
k_LVSMNotDetect_ms_u16p0	35210
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.9217949
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	12
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1.
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	57.722168
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1573234944
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc

CustBattDiag_Per2

CustBattDiag_LVSMSet_ms_M_u32p0

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Input Value		
•	ph_f32	
Actual Value	Expected Value	Result
1573234944	1573234944	~
1573234944	1573234944	~
3294249216	3294249216	~
2648394496	2648394496	~
1064097024	1064097024	~
377290496	377290496	~
1213608192	1213608192	~
2064956160	2064956160	~
455588096	455588096	~
280199936	280199936	~
4215262464	4215262464	~
305575680	305575680	~
4201307392	4201307392	~
	Actual Value 1573234944 1573234944 3294249216 2648394496 1064097024 377290496 1213608192 2064956160 455588096 280199936 4215262464 305575680	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value 1573234944 1573234944 1573234944 1573234944 3294249216 3294249216 2648394496 2648394496 1064097024 1064097024 377290496 377290496 1213608192 1213608192 2064956160 2064956160 455588096 455588096 280199936 280199936 4215262464 305575680 305575680 305575680

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	~

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Test Step 2.62 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
sustBattDiag_LVCCIr_ms_M_u32p0	3576629504
sustBattDiag_LVCSet_ms_M_u32p0	3229569792
ustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024
sustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
sustBattDiag_LVHSClr_ms_M_u32p0	2717448448
ustBattDiag_LVHSSet_ms_M_u32p0	582402816
ustBattDiag_LVLSCCIr_ms_M_u32p0	2228453632
ustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
ustBattDiag_LVLSClr_ms_M_u32p0	3712619776
ustBattDiag_LVLSSet_ms_M_u32p0	1902919424
ustBattDiag_LVSMClr_ms_M_u32p0	92742912
ustBattDiag_LVSMSet_ms_M_u32p0	2069090048
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(ElapsedTin	n 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()	3
_CustBattDiagLOlspd_kph_f32	118.50753
_CustBattDiaghispd_kph_f32	12.7944412
_CustBattDiaglospd_kph_f32	200.200348
_LOIDetect_ms_u16p0	34440
_LOINotDetect_ms_u16p0	15435
_LVCDetect_Volts_u10p6	640
_LVCDetect_ms_u16p0	63455
_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
_LVHSNotDetectVoltsu10p6	0
_LVHSNotDetect_ms_u16p0	39657
_LVLSCDetect_Volts_u10p6	640
_LVLSCDetect_ms_u16p0	15053
LVLSCNotDetect_Volts_u10p6	0
_LVLSCNotDetect_ms_u16p0	65455
_LVLSDetect_Volts_u10p6	640
_LVLSDetect_ms_u16p0	15391
_LVLSNotDetect_Volts_u10p6	0
_LVLSNotDetect_ms_u16p0	12808
LVSMDetect Volts u10p6	640

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CustBattDiag_Per2

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

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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$	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_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_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	~
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	~

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	~

2069090048

0xE0

0x00

0x00

0xE3

0x00

0x00

2069090048

0xE0

0x00

0x00

0xE3

0x00

0x00

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_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_LVLSClr_ms_M_u32p0	4294967295	

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CustBattDiag_Per2

Name	Input Value		
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295		
CustBattDiag_LVSMClr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	P_GET_signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	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_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4		
k_CustBattDiagLOIspd_kph_f32	512		
k_CustBattDiaghispd_kph_f32	512		
k_CustBattDiaglospd_kph_f32	512		
k_LOIDetect_ms_u16p0	65535		
k_LOINotDetect_ms_u16p0	65535		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	65535		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	65535		
k_LVHSCDetect_Volts_u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	65535		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	65535		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	65535		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	65535		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k_LVSMDetect_ms_u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	512		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 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 Curren			
target_Rie_Caii_Ap_CustBattDiag_System1ime_GetSystem1inie_mS_usz_Curren target Rte Inst 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_uge	target CustBattDiag Per2 EtatMT Cnt u08		
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 SttdSelected Cnt Igc	target CustBattDiag Per2 SttdSelected Cn		
target_rite_inst_Ap_custBattDiag_2.custBattDiag_Per2_Studelected_crit_iget			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
			Daniel
Name	Actual Value	Expected Value	Resul
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	1
CustBattDiag_LVHSCCIr_ms_M_u32p0	4294967295	4294967295	
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	1
CustBattDiag_LVHSCIr_ms_M_u32p0	4294967295	4294967295	1
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	ļ.,
CustBattDiag_LVLSSet_ms_M_u32p0	4294967295	4294967295	

4294967295

4294967295

4294967295

4294967295

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	~

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



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	1183744512	1183744512	~
CustBattDiag_LOISet_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_LVCClr_ms_M_u32p0	2399304192	2399304192	•
CustBattDiag_LVCSet_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3179077120	3179077120	•
CustBattDiag_LVHSCSet_ms_M_u32p0	1183744512	1183744512	✓
CustBattDiag_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	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3725723136	3725723136	•
CustBattDiag_LVSMSet_ms_M_u32p0	2939410432	2939410432	✓
NTC_Cnt_T_enum	0xE0	0xE0	•
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	•
NTC_Cnt_T_enum	0xE3	0xE3	✓
Param_Cnt_T_u08	0x00	0x00	•
Status_Cnt_T_enum	0x00	0x00	•
NTC_Cnt_T_enum	0xE4	0xE4	•
Param_Cnt_T_u08	0x00	0x00	•
Status_Cnt_T_enum	0x00	0x00	•

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 2.65 (Repeat Count = 1)	√
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3239069440
CustBattDiag LOISet ms M u32p0	2320384256
CustBattDiag_LVCCIr_ms_M_u32p0	3866744576
CustBattDiag_LVCSet_ms_M_u32p0	3914748160
CustBattDiag_LVHSCClr_ms_M_u32p0	3119467264
CustBattDiag_LVHSCSet_ms_M_u32p0	1938679040
CustBattDiag_LVHSClr_ms_M_u32p0	3239069440
CustBattDiag_LVHSSet_ms_M_u32p0	2320384256
CustBattDiag_LVLSCClr_ms_M_u32p0	1340641024
CustBattDiag_LVLSCSet_ms_M_u32p0	1921108224
CustBattDiag_LVLSCIr_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_CustBattDiagLOlspd_kph_f32	131.33667
k_CustBattDiaghispd_kph_f32	471.819061
k_CustBattDiaglospd_kph_f32	69.1914825
k_LOIDetect_ms_u16p0	52546
k_LOINotDetect_ms_u16p0	58158

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			. =
Name	Input Value		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	65241		
k_LVCNotDetect_Volts_u10p6	1280		
k_LVCNotDetect_ms_u16p0	4035		
k_LVHSCDetect_Volts_u10p6	576		
k_LVHSCDetect_ms_u16p0	59627		
k_LVHSCNotDetect_Volts_u10p6	1280		
k_LVHSCNotDetect_ms_u16p0	12772		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	28514		
k_LVHSNotDetect_Volts_u10p6	1280		
k_LVHSNotDetect_ms_u16p0	17223		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	48574		
k_LVLSCNotDetect_Volts_u10p6	1280		
k_LVLSCNotDetect_ms_u16p0	49241		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	64448		
k_LVLSNotDetect_Volts_u10p6	1280		
k_LVLSNotDetect_ms_u16p0	35164		
k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_ms_u16p0	51508		
k_LVSMNotDetect_Volts_u10p6	1280		
k_LVSMNotDetect_ms_u16p0	36456		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.3157749		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	21.4979305		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	p 39328		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) = 0.0000000000000000000000000000000000$	ıt 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	В	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cr	nt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_3.CustBa$	g 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	Resul
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	· · · · · · · · · · · · · · · · · · ·

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

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CustBattDiag Per2 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 CustBattDiag LVHSCSet ms M u32p0 4294967295 CustBattDiag_LVHSClr_ms_M_u32p0 4294967295 4294967295 4294967295 CustBattDiag_LVHSSet_ms_M_u32p0 4294967295 CustBattDiag_LVLSCCIr_ms_M_u32p0 4294967295 4294967295

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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

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CustBattDiag_Per2

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 2.67 (Repeat Count = 1)		•
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	1543431936	
CustBattDiag_LOISet_ms_M_u32p0	3821396224	
O+P-#P: 11/00 1400-0		

 $CustBattDiag_LVCCIr_ms_M_u32p0$

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Name	Input Value		
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	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_LVLSCIr_ms_M_u32p0	4150010624	4150010624	~
CustBattDiag_LVLSSet_ms_M_u32p0	2829876480	2829876480	•
CustBattDiag_LVSMCIr_ms_M_u32p0	2893853440	2893853440	•
CustBattDiag_LVSMSet_ms_M_u32p0	2583923968	2583923968	•

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	~

Fest Step 2.68 (Repeat Count = 1)	
lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2717448448
CustBattDiag_LOISet_ms_M_u32p0	582402816
custBattDiag_LVCCIr_ms_M_u32p0	3576629504
sustBattDiag_LVCSet_ms_M_u32p0	3229569792
ustBattDiag_LVHSCCIr_ms_M_u32p0	2070945024
sustBattDiag_LVHSCSet_ms_M_u32p0	2962458368
ustBattDiag_LVHSClr_ms_M_u32p0	2717448448
ustBattDiag_LVHSSet_ms_M_u32p0	582402816
ustBattDiag_LVLSCCIr_ms_M_u32p0	2228453632
sustBattDiag_LVLSCSet_ms_M_u32p0	1002867456
ustBattDiag_LVLSCIr_ms_M_u32p0	3712619776
ustBattDiag_LVLSSet_ms_M_u32p0	1902919424
ustBattDiag_LVSMClr_ms_M_u32p0	92742912
ustBattDiag_LVSMSet_ms_M_u32p0	2069090048
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(ElapsedTin	n 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()	3
_CustBattDiagLOIspd_kph_f32	118.50753
_CustBattDiaghispd_kph_f32	12.7944412
_CustBattDiaglospd_kph_f32	200.200348
_LOIDetect_ms_u16p0	34440
_LOINotDetect_ms_u16p0	15435
_LVCDetect_Volts_u10p6	640
_LVCDetect_ms_u16p0	63455
_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_Volts_u10p6	0
LVLSCNotDetect_ms_u16p0	65455
LVLSDetect_Volts_u10p6	640
LVLSDetect_ms_u16p0	15391
LVLSNotDetect_Volts_u10p6	0
LVLSNotDetect_ms_u16p0	12808
LVSMDetect Volts u10p6	640

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Name	Input Value
k_LVSMDetect_ms_u16p0	12394
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	10418
target_CustBattDiag_Per2_Batt_Volt_f32.value	23.0694981
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	165.727875
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	47293
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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_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

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOIClr_ms_M_u32p0	444559616	444559616	~	
CustBattDiag_LOISet_ms_M_u32p0	444559616	444559616	~	
CustBattDiag_LVCClr_ms_M_u32p0	3576629504	3576629504	~	
CustBattDiag_LVCSet_ms_M_u32p0	444559616	444559616	~	
CustBattDiag_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_LVSMClr_ms_M_u32p0	92742912	92742912	~	
CustBattDiag_LVSMSet_ms_M_u32p0	2069090048	2069090048	~	
NTC_Cnt_T_enum	0xE0	0xE0	~	
Param_Cnt_T_u08	0x00	0x00	~	
Status_Cnt_T_enum	0x00	0x00	~	
NTC_Cnt_T_enum	0xE3	0xE3	~	
Param_Cnt_T_u08	0x00	0x00	~	
Status_Cnt_T_enum	0x00	0x00	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	V

Test Step 2.69 (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

2015-04-21, 11:30:27+0530



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



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	~

#BattDiag_LOICir_ms_M_u32p0 #BattDiag_LVCCr_ms_M_u32p0 #BattDiag_LVCSet_ms_M_u32p0 #BattDiag_LVHSCClr_ms_M_u32p0 #BattDiag_LVHSCClr_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVSSet_ms_M_u32p0 #BattDiag_LVSSet_ms_M_u32p0 #BattDiag_LVSSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_Mu32p0 #BattDiag_LVSMSet_ms_mu32p0 #BattDiag_LVSMSet_ms_mu32p0 #BattDiag_LVSMSet_ms_mu32p0 #BattDiag_LVSMSet_ms_mu32p0 #BattDiag_LVSMSet_ms_mu32p0 #BattDiag_LVLSCE_ms_Mu32p0 #BattDiag_LVLSCE_ms	nput Value 2167207936 2116590080 2199046144 2643913216 2641988608 2245966336 22116590080 3256967168 3555565568 212313088 2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 32454 33000 396 325185 1728 33797 128
#BattDiag_LOISet_ms_M_u32p0 #BattDiag_LVCCIr_ms_M_u32p0 #BattDiag_LVCSet_ms_M_u32p0 #BattDiag_LVHSCCIr_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCIr_ms_M_u32p0 #BattDiag_LVHSCIr_ms_M_u32p0 #BattDiag_LVHSSet_ms_M_u32p0 #BattDiag_LVHSSet_ms_M_u32p0 #BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCEt_ms_M_u32p0 #BattDiag_LVLSCEt_ms_M_u32p0 #BattDiag_LVSCSet_ms_M_u32p0 #BattDiag_LVSSet_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMS	2116590080 2199046144 2643913216 2641988608 1245966336 2167207936 2116590080 3256967168 355565568 212313088 2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 32454 23000 396 225185 1728 37397 128
#BattDiag_LVCCir_ms_M_u32p0 #BattDiag_LVCSet_ms_M_u32p0 #BattDiag_LVHSCCir_ms_M_u32p0 #BattDiag_LVHSCCir_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCir_ms_M_u32p0 #BattDiag_LVLSCet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCir_ms_M_u32p0 #BattDiag_LVLSCir_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSMCir_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_SystemTime_DirmnElapsedTime_ms_u16(ElapsedTim_tag_n) #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_SystemTime_GetSystemTime_ms_u16(ElapsedTim_tag_n) #BattDiag_SystemTime_GetSystemTime_ms_u16(ElapsedTim_tag_n) #BattDiag_SystemTime_GetSystemTime_ms_u16(ElapsedTim_tag_n) #BattDiag_SystemTime_GetSystemTime_ms_u16(ElapsedTim_tag_n) #BattDiag_SystemTime_DirmnElapsedTime_ms_u16(ElapsedTim_tag_n) #BattDiag_SystemTime_DirmnElapsedTime_ms_u16(ElapsedTime_tag_n) #BattDiag_SystemTime_tag_n #BattDiag_SystemTime_tag_n #BattDiag_SystemTime_tag_n #BattDiag_SystemTime_tag_n #BattDiag_SystemTime_tag_n	2199046144 2643913216 2641988608 1245966336 2167207936 2116590080 3256967168 555565568 212313088 2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_inst_Ap_CustBattDiag_2 1 116.756523 101.975334 129.227005 128 128 137397 128
#BattDiag_LVCSet_ms_M_u32p0 #BattDiag_LVCSet_ms_M_u32p0 #BattDiag_LVHSCCIr_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCEt_ms_M_u32p0 #BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCIr_ms_M_u32p0 #BattDiag_LVLSCIr_ms_M_u32p0 #BattDiag_LVLSCIr_ms_M_u32p0 #BattDiag_LVLSCIr_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_SystemTime_DtrmmElapsedTime_mS_u16[elapsedTime_call_nc_call_Ap_custBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_SystemTime_DtrmmElapsedTime_mS_u16[elapsedTim	2643913216 2641988608 4245966336 2216590080 8256967168 555565568 212313088 2225481216 8942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 132454 133000 1396 125185 1728 137397 128
### ### ### ### ### ### ### ### ### ##	2641988608 4245966336 2167207936 2116590080 8256967168 555565568 212313088 2225481216 83942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 62454 83000 896 825185 1728 837397 128
#BattDiag_LVHSCSet_ms_M_u32p0 #BattDiag_LVHSCIr_ms_M_u32p0 #BattDiag_LVHSSet_ms_M_u32p0 #BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVSSCt_ms_M_u32p0 #BattDiag_LVSSCt_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LV	### 1245966336 ### 167207936 ### 167207936 ### 16590080 ### 16590080 ### 16556568 ### 16556568 ### 1659088 ### 16556568 ### 1659088 ### 1659088 ### 16567936 ### 1667936 ### 1
### ### ### ### ### ### ### ### ### ##	2167207936 2116590080 3256967168 555565568 212313088 2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 52454 23000 396 225185 1728 37397 128
#BattDiag_LVHSSet_ms_M_u32p0 #BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_SystemTime_DetrmnElapsedTime_ms_u16(ElapsedTime_call_Ap_CustBattDiag_SystemTime_DetrmnElapsedTime_ms_u32(CurrentTime) #BattDiag_LOSP_SystemState_Mode() #BattDiag_LOSP_Eleg_LOSP_SystemState_Mode() #BattDiag_LOSP_Eleg_LOSP_SystemState_Mode() #BattDiag_LOSP_Eleg_LOSP_SystemState_Mode() #BattDiag_LOSP_Eleg_LOSP_SystemState_Mode() #BattDiag_LOSP_Eleg_LOS	2116590080 3256967168 355565568 212313088 2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 32454 33000 396 325185 1728 37397
#BattDiag_LVLSCCIr_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSSet_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSBEAttDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) #BattDiag_LORSpd_kph_f32 #BattDi	3256967168 355565568 212313088 21225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 1116.756523 101.975334 129.227005 32454 23000 396 25185 1728 37397
#BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCIr_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSSet_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) #BattDiag_LOLSHBattDiag_SystemState_Mode() #BattDiag_LOLSHBattDiag_SystemState_Mode() #BattDiagLOLSHBAttDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode	### ### ### ### ### ### ### ### ### ##
#BattDiag_LVLSCSet_ms_M_u32p0 #BattDiag_LVLSCIr_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSSet_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime) #BattDiag_LOLSHBattDiag_SystemState_Mode() #BattDiag_LOLSHBattDiag_SystemState_Mode() #BattDiagLOLSHBAttDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode() #BattDiag_SystemState_Mode	212313088 2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 1 16.756523 101.975334 129.227005 12454 123000 1396 125185 1728 137397
#BattDiag_LVLSCIr_ms_M_u32p0 #BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 #BattDiag_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16(ElapsedTime_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32(CurrentTime) #BattDiag_LOIspd_kph_f32 #BattDia	2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 1 116.756523 101.975334 129.227005 52454 23000 396 25185 1728 37397
#BattDiag_LVLSSet_ms_M_u32p0 #BattDiag_LVSMCIr_ms_M_u32p0 #BattDiag_LVSMSet_ms_M_u32p0 Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	2225481216 3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 1 116.756523 101.975334 129.227005 52454 23000 396 25185 1728 37397
### ### ### ### ### ### ### ### ### ##	3942151168 1731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 1 116.756523 101.975334 129.227005 62454 23000 896 25185 1728 837397
#BattDiag_LVSMSet_ms_M_u32p0Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	I731687936 arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 I16.756523 I01.975334 I29.227005 I2454 I23000 I296 I25185 I728 I728 I7397
_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) _Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_inst_Ap_CustBattDiag_2 16.756523
	arget_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 62454 23000 896 25185 1728 837397
	arget_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime arget_Rte_Inst_Ap_CustBattDiag_2 l16.756523 l01.975334 l29.227005 62454 23000 896 25185 l728
Inst_Ap_CustBattDiag	arget_Rte_Inst_Ap_CustBattDiag_2 116.756523 101.975334 129.227005 62454 23000 896 25185 1728 837397
	116.756523 101.975334 129.227005 62454 23000 896 25185 1728
CustBattDiagLOIspd_kph_f32	116.756523 101.975334 129.227005 52454 23000 896 25185 1728 37397
Statis	101.975334 129.227005 52454 23000 896 25185 1728 837397
CustBattDiaglospd_kph_f32	129.227005 52454 23000 896 25185 1728 87397
OIDetect_ms_u16p0 66 OINotDetect_ms_u16p0 22 VCDetect_Volts_u10p6 88 VCDetect_wolts_u10p6 22 VCNotDetect_wolts_u10p6 33 VCNotDetect_ms_u16p0 33 VHSCDetect_ms_u16p0 31 VHSCDetect_wolts_u10p6 11 VHSCNotDetect_volts_u10p6 31 VHSCNotDetect_wolts_u10p6 31 VHSCNotDetect_wolts_u10p6 31 VHSCNotDetect_wolts_u10p6 32 VHSCNotDetect_ms_u16p0 33 VHSCNotDetect_wolts_u10p6 32 VHSDetect_volts_u10p6 32 VHSDetect_volts_u10p6 32 VHSDetect_wolts_u10p6 32 VHSDetect_wolts_u10p6 32 VHSNotDetect_wolts_u10p6 32 VHSNotDetect_wolts_u10p6 32 VHSNotDetect_wolts_u10p6 32 VLSCDetect_volts_u10p6 32 VLSCDetect_wolts_u10p6 32 VLSCNotDetect_wolts_u10p6 33 VLSCNotDetect_wolts_u10p6 33 VLSCNotDetect_wolts_u10p6 33 VLSCNotDetect_wolts_u10p6 33 VLSDetect_wolts_u10p6 33 VLSDetect_wolts_u10p6 34 VLSDetect_ms_u16p0 36 VLSDetect_ms_u16p0 36 VLSDetect_ms_u16p0 36 VLSDetect_ms_u16p0 36 VLSDetect_ms_u16p0 36	32454 23000 396 25185 1728 37397
OINotDetect_ms_u16p0	23000 896 25185 1728 37397
VCDetect_Volts_u10p6 88 VCDetect_ms_u16p0 25 VCNotDetect_wolts_u10p6 17 VCNotDetect_ms_u16p0 33 VHSCDetect_wolts_u10p6 12 VHSCNotDetect_wolts_u10p6 17 VHSCNotDetect_wolts_u10p6 17 VHSCNotDetect_ms_u16p0 33 VHSDetect_volts_u10p6 88 VHSDetect_ms_u16p0 25 VHSNotDetect_volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 89 VLSCDetect_ms_u16p0 60 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSCNotDetect_ms_u16p0 30 VLSCNotDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	396 25185 1728 37397
VCDetect_ms_u16p0 25 VCNotDetect_wolts_u10p6 11 VCNotDetect_ms_u16p0 33 VHSCDetect_volts_u10p6 12 VHSCNotDetect_ms_u16p0 85 VHSCNotDetect_wolts_u10p6 15 VHSCNotDetect_ms_u16p0 35 VHSDetect_volts_u10p6 86 VHSDetect_ms_u16p0 25 VHSNotDetect_volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 86 VLSCDetect_ms_u16p0 60 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_ms_u16p0 36 VLSCNotDetect_ms_u16p0 36 VLSDetect_volts_u10p6 85 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	25185 1728 37397 128
VCNotDetect_Volts_u10p6 11 VCNotDetect_ms_u16p0 33 VHSCDetect_volts_u10p6 12 VHSCNotDetect_ms_u16p0 85 VHSCNotDetect_volts_u10p6 15 VHSCNotDetect_ms_u16p0 33 VHSDetect_volts_u10p6 86 VHSDetect_ms_u16p0 25 VHSNotDetect_volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 86 VLSCDetect_ms_u16p0 60 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_volts_u10p6 85 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	1728 37397 128
VCNotDetect_ms_u16p0 33 VHSCDetect_Volts_u10p6 12 VHSCDetect_ms_u16p0 85 VHSCNotDetect_volts_u10p6 17 VHSCNotDetect_ms_u16p0 35 VHSDetect_volts_u10p6 85 VHSDetect_ms_u16p0 25 VHSNotDetect_volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 85 VLSCDetect_ms_u16p0 60 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_ms_u16p0 36 VLSDetect_volts_u10p6 85 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	37397 128
VHSCDetect_Volts_u10p6 11 VHSCDetect_ms_u16p0 81 VHSCNotDetect_ms_u10p6 17 VHSCNotDetect_ms_u16p0 33 VHSDetect_volts_u10p6 86 VHSDetect_ms_u16p0 25 VHSNotDetect_volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 85 VLSCDetect_ms_u16p0 60 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_ms_u16p0 36 VLSCNotDetect_ms_u16p0 36 VLSDetect_volts_u10p6 85 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	128
VHSCDetect_ms_u16p0 88 VHSCNotDetect_volts_u10p6 17 VHSCNotDetect_ms_u16p0 33 VHSDetect_volts_u10p6 88 VHSDetect_ms_u16p0 29 VHSNotDetect_volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 89 VLSCDetect_ms_u16p0 60 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_volts_u10p6 89 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	
VHSCNotDetect_Volts_u10p6 17 VHSCNotDetect_ms_u16p0 33 VHSDetect_volts_u10p6 88 VHSDetect_ms_u16p0 29 VHSNotDetect_volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 89 VLSCDetect_ms_u16p0 60 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_volts_u10p6 85 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	3757
VHSCNotDetect_ms_u16p0 33 VHSDetect_Volts_u10p6 88 VHSDetect_ms_u16p0 29 VHSNotDetect_Volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 88 VLSCDetect_ms_u16p0 60 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ws_u16p0 30 VLSCNotDetect_ms_u16p0 88 VLSDetect_Volts_u10p6 88 VLSDetect_ms_u16p0 46	51-01
VHSDetect_Volts_u10p6 88 VHSDetect_ms_u16p0 25 VHSNotDetect_Volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 88 VLSCDetect_ms_u16p0 60 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 88 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	1728
VHSDetect_ms_u16p0 25 VHSNotDetect_Volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 85 VLSCDetect_ms_u16p0 60 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 85 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	37281
VHSNotDetect_Volts_u10p6 17 VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 88 VLSCDetect_ms_u16p0 60 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 88 VLSDetect_ms_u16p0 46 VLSDetect_ms_u16p0 46	396
VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 88 VLSCDetect_ms_u16p0 60 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 88 VLSDetect_ms_u16p0 46	29081
VHSNotDetect_ms_u16p0 12 VLSCDetect_Volts_u10p6 86 VLSCDetect_ms_u16p0 60 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 85 VLSDetect_ms_u16p0 46	1728
VLSCDetect_ms_u16p0 66 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 89 VLSDetect_ms_u16p0 46	2140
VLSCDetect_ms_u16p0 66 VLSCNotDetect_Volts_u10p6 17 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 89 VLSDetect_ms_u16p0 46	396
VLSCNotDetect_Volts_u10p6 11 VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 85 VLSDetect_ms_u16p0 46	5063
VLSCNotDetect_ms_u16p0 30 VLSDetect_Volts_u10p6 85 VLSDetect_ms_u16p0 46	1728
VLSDetect_Volts_u10p6	30916
VLSDetect_ms_u16p0 46	396
	16876
VLSNotDetect_Volts_u10p6	1728
	55149
	396
	19694
	1728 59331
	6.62109613
et_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0	
et_CustBattDiag_Per2_EtatMT_Cnt_u08.value	
et_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0	
et_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value 0	
	139.171997
et_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	
et Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 32	32076
et_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 38	8868561408
et_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 ta	arget_CustBattDiag_Per2_Batt_Volt_f32
et_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc ta	arget_CustBattDiag_Per2_EngOn_Cnt_lgc
et_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 ta	1 0 1D 11D: D 0 51 11T 0 1 00
et_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc ta	arget_CustBattDiag_Per2_EtatMT_Cnt_u08



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	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_LVHSClr_ms_M_u32p0	2167207936	2167207936	~
CustBattDiag_LVHSSet_ms_M_u32p0	2116590080	2116590080	~
CustBattDiag_LVLSCClr_ms_M_u32p0	3256967168	3256967168	~
CustBattDiag_LVLSCSet_ms_M_u32p0	555565568	555565568	✓
CustBattDiag_LVLSClr_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	✓

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 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
n_LvoiviDeteet_voits_u topo	V

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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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	nt_lc_target_CustBattDiag_Per2_VehicleSpeedValid_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	3730121984	3730121984	~
CustBattDiag_LOISet_ms_M_u32p0	3730121984	3730121984	~
CustBattDiag_LVCClr_ms_M_u32p0	851459328	851459328	~
CustBattDiag_LVCSet_ms_M_u32p0	682141440	682141440	✓
CustBattDiag_LVHSCCIr_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	•
0 10 10 10 1 14 00 0	40.40000070	1010000070	

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	_

1348293376

1058478336

1154081536

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_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_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSClr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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_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

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CustBattDlag_Per2			MACILAB
Name	Input Value		
k LVHSCDetect Volts u10p6	1984		
k_LVHSCDetect_ms_u16p0	65535		
k_LVHSCNotDetect_Volts_u10p6	1984		
k LVHSCNotDetect ms u16p0	65535		
k LVHSDetect Volts u10p6	1984		
k LVHSDetect ms u16p0	65535		
k LVHSNotDetect Volts u10p6	1984		
k_LVHSNotDetect_ms_u16p0	65535		
k LVLSCDetect Volts u10p6	1984		
k_LVLSCDetect_ms_u16p0	65535		
k_LVLSCNotDetect_Volts_u10p6	1984		
k LVLSCNotDetect ms u16p0	65535		
k LVLSDetect Volts u10p6	1984		
k LVLSDetect ms u16p0	65535		
k LVLSNotDetect Volts u10p6	1984		
k LVLSNotDetect ms u16p0	65535		
k_LVSMDetect_Volts_u10p6	1984		
k LVSMDetect ms u16p0	65535		
k_LVSMNotDetect_Volts_u10p6	1984		
k LVSMNotDetect ms u16p0	65535		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target CustBattDiag Per2 VehicleSpeedValid Cnt 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			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren			
target_Rte_Inst_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 Igo		
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_C		
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_N		
Name	Actual Value	Expected Value	Result
	4294967295	4294967295	Kesuit
CustBattDiag_LOICIr_ms_M_u32p0			
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	<u> </u>
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295	4294967295	
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	*
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295	4294967295	<u> </u>
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295	4294967295	*
CustBattDiag_LVLSCIr_ms_M_u32p0	4294967295	4294967295	<u> </u>
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 2.73 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	104672512	
CustBattDiag_LOISet_ms_M_u32p0	2743801600	
CustBattDiag_LVCCIr_ms_M_u32p0	851459328	
CustBattDiag_LVCSet_ms_M_u32p0	682141440	
CustBattDiag_LVHSCCIr_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 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 n 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



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 2.74 (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_LVHSClr_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_LVSMCIr_ms_M_u32p0	3724376064	3724376064	~
CustBattDiag_LVSMSet_ms_M_u32p0	3968670208	3968670208	•

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

Test Step 2.75 (Repeat Count = 1)	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_Elap	1807		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1670694656		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	t_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	1670694656	1670694656	~
CustBattDiag_LOISet_ms_M_u32p0	1670694656	1670694656	~
CustBattDiag_LVCCIr_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					
Actual Function	Count	Expected Function	Count	Result	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_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

2751187712

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361126656

719287552

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_LVHSCClr_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_LVLSClr_ms_M_u32p0	1486316032
CustBattDiag_LVLSSet_ms_M_u32p0	4257715200
CustBattDiag_LVSMClr_ms_M_u32p0	574075392
CustBattDiag_LVSMSet_ms_M_u32p0	1058300928
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elapsed	Tim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime$	e) target_Rte_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

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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



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	~

est Step 2.77 (Repeat Count = 1)	Invest Males
lame	Input Value
sustBattDiag_LOICIr_ms_M_u32p0	2274099456
sustBattDiag_LOISet_ms_M_u32p0	206768896
sustBattDiag_LVCCIr_ms_M_u32p0	33820928
rustBattDiag_LVCSet_ms_M_u32p0	1470995200
sustBattDiag_LVHSCCIr_ms_M_u32p0	4110918912
rustBattDiag_LVHSCSet_ms_M_u32p0	3353890560
ustBattDiag_LVHSClr_ms_M_u32p0	2274099456
ustBattDiag_LVHSSet_ms_M_u32p0	206768896
ustBattDiag_LVLSCClr_ms_M_u32p0	2985789696
ustBattDiag_LVLSCSet_ms_M_u32p0	2644235008
ustBattDiag_LVLSClr_ms_M_u32p0	3386940672
ustBattDiag_LVLSSet_ms_M_u32p0	295175936
ustBattDiag_LVSMClr_ms_M_u32p0	306162944
ustBattDiag_LVSMSet_ms_M_u32p0	1156683520
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(ElapsedTir	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
_CustBattDiagLOlspd_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
rget_CustBattDiag_Per2_Batt_Volt_f32.value	27.4922981
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
riget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
riget CustBattDiag Per2 SttdSelected Cnt Igc.value	1



Name	Inner Welling		
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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$	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_LVCClr_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_LVSMClr_ms_M_u32p0	306162944	306162944	-
CustBattDiag_LVSMSet_ms_M_u32p0	1156683520	1156683520	~

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 2.78 (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_LVHSCCIr_ms_M_u32p0	4250653696
CustBattDiag_LVHSCSet_ms_M_u32p0	870438400
CustBattDiag_LVHSClr_ms_M_u32p0	1514061824
CustBattDiag_LVHSSet_ms_M_u32p0	2358354432
CustBattDiag_LVLSCCIr_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

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OusiDatiDiag_1 Cr2			(6
Name	Input Value		
k_LVHSNotDetect_ms_u16p0	60130		
k LVLSCDetect Volts u10p6	320		
k LVLSCDetect ms u16p0	11359		
k LVLSCNotDetect Volts u10p6	1216		
k LVLSCNotDetect ms u16p0	63416		
k LVLSDetect Volts u10p6	320		
k LVLSDetect ms u16p0	20973		
k_LVLSNotDetect_Volts_u10p6	1216		
k_LVLSNotDetect_ms_u16p0	45226		
k_LVSMDetect_Volts_u10p6	320		
k_LVSMDetect_ms_u16p0	52528		
k_LVSMNotDetect_Volts_u10p6	1216		
k_LVSMNotDetect_ms_u16p0	59977		
target_CustBattDiag_Per2_Batt_Volt_f32.value	6.49092102		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	342.896698		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	52920		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3068024832		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEntering (See SpeedValid_Cnt_IgEntering (See S$	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	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_LVHSClr_ms_M_u32p0	1514061824	1514061824	•
CustBattDiag_LVHSSet_ms_M_u32p0	2358354432	2358354432	•
CustBattDiag_LVLSCClr_ms_M_u32p0	3541837824	3541837824	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3587656192	3587656192	✓
CustBattDiag_LVLSClr_ms_M_u32p0	951118848	951118848	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3685920256	3685920256	✓
CustBattDiag_LVSMCIr_ms_M_u32p0	1876147200	1876147200	✓
CustBattDiag_LVSMSet_ms_M_u32p0	1541799424	1541799424	-

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 2.79 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	534938368
CustBattDiag_LOISet_ms_M_u32p0	3874610432
CustBattDiag_LVCCIr_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_LVLSCCIr_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

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CustBattDiag_Per2 Input Value Rte_Mode_Ap_CustBattDiag_SystemState_Mode() k_CustBattDiagLOlspd_kph_f32 56.8123741 k CustBattDiaghispd_kph_f32 373.595215 k_CustBattDiaglospd_kph_f32 249.15741 56093 k LOIDetect ms u16p0 k_LOINotDetect_ms_u16p0 54124 k_LVCDetect_Volts_u10p6 1792 k_LVCDetect_ms_u16p0 4839 k_LVCNotDetect_Volts_u10p6 1408 k_LVCNotDetect_ms_u16p0 451 k_LVHSCDetect_Volts_u10p6 704 k_LVHSCDetect_ms_u16p0 55985 k_LVHSCNotDetect_Volts_u10p6 1408 k_LVHSCNotDetect_ms_u16p0 33300 k_LVHSDetect_Volts_u10p6 1792 35091 k_LVHSDetect_ms_u16p0 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 64516 k_LVLSCNotDetect_ms_u16p0 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 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 443.169403 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap_51469$ 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ 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

target_rtte_inst_Ap_oustbattblag_z.oustbattblag_r erz_veriicicopeeu_rtpin_isz	target_odstbattbrag_r crz_verniceopeed_ren_ioz		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	2791553792	2791553792	~
CustBattDiag_LOISet_ms_M_u32p0	2791553792	2791553792	~
CustBattDiag_LVCClr_ms_M_u32p0	882578176	882578176	~
CustBattDiag_LVCSet_ms_M_u32p0	1470164224	1470164224	~
CustBattDiag_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_LVLSCIr_ms_M_u32p0	1413218048	1413218048	~
CustBattDiag_LVLSSet_ms_M_u32p0	2629744896	2629744896	~
CustBattDiag_LVSMClr_ms_M_u32p0	2115211008	2115211008	~
CustBattDiag_LVSMSet_ms_M_u32p0	3445934336	3445934336	~

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

Test Step 2.80 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	96680448

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CustBattDiag_Per2

CustbattDiag_Per2		IDECI	210
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		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		ime_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()	3		
k_CustBattDiagLOIspd_kph_f32	441.965729		
k_CustBattDiaghispd_kph_f32 k_CustBattDiaglospd_kph_f32	71.0591736 104.773148		
k LOIDetect ms u16p0	33051		
k_LOINotDetect_ms_u16p0	32069		
k LVCDetect Volts u10p6	512		
k_LVCDetect_ms_u16p0	55613		
k_LVCNotDetect_Volts_u10p6	1408		
k_LVCNotDetect_ms_u16p0	24160		
k_LVHSCDetect_Volts_u10p6	1728		
k_LVHSCDetect_ms_u16p0	39324		
k_LVHSCNotDetect_Volts_u10p6	1408		
k LVHSCNotDetect ms u16p0	13964		
k_LVHSDetect_Volts_u10p6	512		
k_LVHSDetect_ms_u16p0	32918		
k_LVHSNotDetect_Volts_u10p6	1408		
k_LVHSNotDetect_ms_u16p0	38019		
k_LVLSCDetect_Volts_u10p6	512		
k_LVLSCDetect_ms_u16p0	21078		
k_LVLSCNotDetect_Volts_u10p6	1408		
k_LVLSCNotDetect_ms_u16p0	37804		
k_LVLSDetect_Volts_u10p6	512		
k_LVLSDetect_ms_u16p0	25750		
k_LVLSNotDetect_Volts_u10p6	1408		
k_LVLSNotDetect_ms_u16p0	23149		
k_LVSMDetect_Volts_u10p6	512		
k_LVSMDetect_ms_u16p0	0		
k_LVSMNotDetect_Volts_u10p6	1408		
k_LVSMNotDetect_ms_u16p0	61251		
target_CustBattDiag_Per2_Batt_Volt_f32.value	12.1027193		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0 124.911034		
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	22139		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetsystemTime_ms_usz_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_isz target_Rte_Inst_Ap_custBattDiag_2:custBattDiag_Per2_EngOn_Cnt_lgc	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 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	488608256	488608256	itesui
CustBattDiag_LOISet_ms_M_u32p0	488608256	488608256	
CustBattDiag_LVCCIr_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 LVHSClr 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

 $CustBattDiag_LVLSCSet_ms_M_u32p0$

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

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

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

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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_E	ap 59629		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curre	ent 419958016		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0	8	
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	_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_LOICIr_ms_M_u32p0	419958016	419958016	~
CustBattDiag_LOISet_ms_M_u32p0	419958016	419958016	~
CustBattDiag_LVCClr_ms_M_u32p0	2495227136	2495227136	~
CustBattDiag_LVCSet_ms_M_u32p0	419958016	419958016	~
CustBattDiag_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_LVLSCClr_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_LVLSClr_ms_M_u32p0	1658548224	
CustBattDiag_LVLSSet_ms_M_u32p0	3507081728	

CustBattDiag Per2

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Input Value CustBattDiag_LVSMClr_ms_M_u32p0 1709129728 CustBattDiag_LVSMSet_ms_M_u32p0 2588287488 Rte Call Ap CustBattDiag EpsEn OP GET(signal) target Rte Call Ap CustBattDiag EpsEn OP GET signal $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_msunfaces and the property of the property of$ 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() 0 143.204926 $k_CustBattDiagLOlspd_kph_f32$ k_CustBattDiaghispd_kph_f32 245.377304 k CustBattDiaglospd kph f32 14 8872967 k_LOIDetect_ms_u16p0 32676 6348 k LOINotDetect ms u16p0 832 k_LVCDetect_Volts_u10p6 36825 k LVCDetect ms u16p0 k_LVCNotDetect_Volts_u10p6 640 8643 k_LVCNotDetect_ms_u16p0 k_LVHSCDetect_Volts_u10p6 1600 65202 k LVHSCDetect ms u16p0 k_LVHSCNotDetect_Volts_u10p6 640 31436 k LVHSCNotDetect ms u16p0 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 34075 k_LVLSCDetect_ms_u16p0 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 63134 k_LVSMNotDetect_ms_u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 5.87330675 $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ 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 262.257202 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 29027 $target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\ \ \ 1962580992$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_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 1962580992 1962580992 CustBattDiag_LOISet_ms_M_u32p0 1962580992 1962580992 CustBattDiag_LVCClr_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 LVLSCIr ms M u32p0 1658548224 1658548224 CustBattDiag_LVLSSet_ms_M_u32p0 3507081728 3507081728

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	~	

1709129728

2588287488

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CustBattDiag_LVSMCIr_ms_M_u32p0

CustBattDiag_LVSMSet_ms_M_u32p0



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	~



Name	Actual Value	Expected Value	Result
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_LVLSClr_ms_M_u32p0	2496426752	2496426752	~
CustBattDiag_LVLSSet_ms_M_u32p0	1984515328	1984515328	✓
CustBattDiag_LVSMClr_ms_M_u32p0	520160000	520160000	~
CustBattDiag_LVSMSet_ms_M_u32p0	802446592	802446592	✓
NTC_Cnt_T_enum	0xE8	0xE8	~
Param_Cnt_T_u08	0x01	0x01	•
Status_Cnt_T_enum	0x01	0x01	~
NTC_Cnt_T_enum	0xE0	0xE0	✓
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	✓

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

Test Step 2.84 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag 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(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	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			MACHAL
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 Igc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	11		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target CustBattDiag Per2 VehicleSpeed Kph f32.value	127.826019		
target Rte Call Ap CustBattDiag EpsEn OP GET signal	0		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	57626		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current			
target_Rte_Inst_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_Cni		
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	*	
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	3351115264	3351115264	result
CustBattDiag_LOISet ms M u32p0	3351115264	3351115264	
CustBattDiag_LVCCIr ms M u32p0	3893718528	3893718528	
CustBattDiag_LVCSet ms M u32p0	3280961536	3280961536	
CustBattDiag_LVCSet_ITIS_M_u32p0 CustBattDiag_LVHSCCIr ms M_u32p0	2889093632	2889093632	
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	3351115264	3351115264	· ·
	537271808	537271808	
CustBattDiag_LVHSClr_ms_M_u32p0	3296440320	3296440320	
CustBattDiag_LVHSSet_ms_M_u32p0	1094927872	1094927872	
CustBattDiag_LVLSCCIr_ms_M_u32p0	3351115264	3351115264	· ·
CustBattDiag_LVLSCSet_ms_M_u32p0			- J
CustBattDiag_LVLSCIr_ms_M_u32p0	4207241728	4207241728	Ž
CustBattDiag_LVLSSet_ms_M_u32p0	4063681536 2724706816	4063681536 2724706816	J
CustBattDiag_LVSMCIr_ms_M_u32p0			Ž
CustBattDiag_LVSMSet_ms_M_u32p0	2245372928	2245372928	Ž
NTC_Cnt_T_enum	0xE8	0xE8	Ž
Param_Cnt_T_u08	0x01	0x01	- J
Status_Cnt_T_enum	0x01	0x01	-
NTC_Cnt_T_enum	0xE3	0xE3	•
Param_Cnt_T_u08	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	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	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

Test Step 2.85 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	2844027136	
CustBattDiag_LOISet_ms_M_u32p0	1089188608	
CustBattDiag_LVCClr_ms_M_u32p0	1922464000	

Status_Cnt_T_enum

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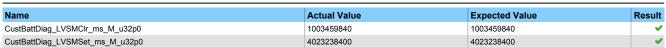


CustBattDiag_Per2		Razorcat
Name	Input Value	
CustBattDiag_LVCSet_ms_M_u32p0	384844544	
CustBattDiag_LVHSCCIr_ms_M_u32p0	1573555456	
CustBattDiag_LVHSCSet_ms_M_u32p0	2549053184	
CustBattDiag_LVHSClr_ms_M_u32p0	2844027136	
CustBattDiag_LVHSSet_ms_M_u32p0	1089188608	
CustBattDiag_LVLSCCIr_ms_M_u32p0	208466176	
CustBattDiag_LVLSCSet_ms_M_u32p0	943291136	
CustBattDiag_LVLSCIr_ms_M_u32p0	91653376	
CustBattDiag_LVLSSet_ms_M_u32p0	3949604608 1003459840	
CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	4023238400	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GE	T signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	12 12 12 1 1 1
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1	
k_CustBattDiagLOIspd_kph_f32	480.654388	
k_CustBattDiaghispd_kph_f32	329.270233	
k_CustBattDiaglospd_kph_f32	442.026733	
k_LOIDetect_ms_u16p0	15339	
k_LOINotDetect_ms_u16p0	13141	
k_LVCDetect_Volts_u10p6	192	
k_LVCDetect_ms_u16p0	62154	
k_LVCNotDetect_Volts_u10p6	320	
k_LVCNotDetect_ms_u16p0	55769	
k_LVHSCDetect_Volts_u10p6	832 41008	
k_LVHSCDetect_ms_u16p0 k_LVHSCNotDetect_Volts_u10p6	320	
k_LVHSCNotDetect_wo.is_u16p0	10785	
k_LVHSDetect_Volts_u10p6	192	
k_LVHSDetect_ms_u16p0	47896	
k_LVHSNotDetect_Volts_u10p6	320	
k_LVHSNotDetect_ms_u16p0	1324	
k_LVLSCDetect_Volts_u10p6	192	
k_LVLSCDetect_ms_u16p0	54309	
k_LVLSCNotDetect_Volts_u10p6	320	
k_LVLSCNotDetect_ms_u16p0	56229	
k_LVLSDetect_Volts_u10p6	192	
k_LVLSDetect_ms_u16p0	2581	
k_LVLSNotDetect_Volts_u10p6	320	
k_LVLSNotDetect_ms_u16p0	48492	
k_LVSMDetect_Volts_u10p6	192	
k_LVSMDetect_ms_u16p0 k_LVSMNotDetect_Volts_u10p6	47806 320	
k_LVSMNotDetect_voits_u10p0	2850	
target_CustBattDiag_Per2_Batt_Volt_f32.value	25.7189617	
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0	
target CustBattDiag Per2 EtatMT Cnt u08.value	15	
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	62.3187752	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTir	ne_mS_u16_Elap 27933	
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime	_mS_u32_Current 4290568448	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Vol	t_f32 target_CustBattDiag_Per2_Batt_Volt_f32	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSele		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleS		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleS		
Name		ected Value Result
CustBattDiag_LOICIr_ms_M_u32p0		568448
CustBattDiag_LOISet_ms_M_u32p0		568448 4 64000 4
CustBattDiag_LVCCIr_ms_M_u32p0		
CustBattDiag_LVCSet_ms_M_u32p0		44544 555456
CustBattDiag_LVHSCClr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0		053184
CustBattDiag_LVHSClr_ms_M_u32p0 CustBattDiag_LVHSClr_ms_M_u32p0		027136
CustBattDiag_LVHSSet_ms_M_u32p0		188608
CustBattDiag_LVH33et_His_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0		66176
CustBattDiag_LVLSCSet ms M u32p0		91136
-		3376
CustBattDiag_LVLSCIr_ms_M_u32p0	91000070	3370

CustBattDiag_Per2

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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	~

T (0) 000/D (0) (1)	
Test Step 2.86 (Repeat Count = 1)	<u> </u>
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3086321664
CustBattDiag_LOISet_ms_M_u32p0	2204609024
CustBattDiag_LVCClr_ms_M_u32p0	4177483776
CustBattDiag_LVCSet_ms_M_u32p0	2275015168
CustBattDiag_LVHSCCIr_ms_M_u32p0	3501399040
CustBattDiag_LVHSCSet_ms_M_u32p0	845962752
CustBattDiag_LVHSClr_ms_M_u32p0	3086321664
CustBattDiag_LVHSSet_ms_M_u32p0	2204609024
CustBattDiag_LVLSCCIr_ms_M_u32p0	3143364608
CustBattDiag_LVLSCSet_ms_M_u32p0	4003353088
CustBattDiag_LVLSCIr_ms_M_u32p0	2676962304
CustBattDiag_LVLSSet_ms_M_u32p0	2833004032
CustBattDiag_LVSMClr_ms_M_u32p0	1959003136
CustBattDiag_LVSMSet_ms_M_u32p0	1576109568
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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	436.09436
k_CustBattDiaghispd_kph_f32	463.226898
k_CustBattDiaglospd_kph_f32	207.681198
k_LOIDetect_ms_u16p0	31879
k_LOINotDetect_ms_u16p0	14243
k_LVCDetect_Volts_u10p6	1856
k_LVCDetect_ms_u16p0	60266
k_LVCNotDetect_Volts_u10p6	0
k_LVCNotDetect_ms_u16p0	43927
k_LVHSCDetect_Volts_u10p6	1664
k_LVHSCDetect_ms_u16p0	34042
k_LVHSCNotDetect_Volts_u10p6	0
k_LVHSCNotDetect_ms_u16p0	1663
k_LVHSDetect_Volts_u10p6	1856
k_LVHSDetect_ms_u16p0	0
k_LVHSNotDetect_Volts_u10p6	0
k_LVHSNotDetect_ms_u16p0	60797
k_LVLSCDetect_Volts_u10p6	1856
k_LVLSCDetect_ms_u16p0	2059
k_LVLSCNotDetect_Volts_u10p6	0
k_LVLSCNotDetect_ms_u16p0	22369
k_LVLSDetect_Volts_u10p6	1856
k_LVLSDetect_ms_u16p0	24922
k_LVLSNotDetect_Volts_u10p6	0
k_LVLSNotDetect_ms_u16p0	30764
k_LVSMDetect_Volts_u10p6	1856
k_LVSMDetect_ms_u16p0	28286
k_LVSMNotDetect_Volts_u10p6	0
k_LVSMNotDetect_ms_u16p0	35524
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.4393444
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	177.525742
target Rte Call Ap CustBattDiag EpsEn OP GET signal	1
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	
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
angua, ma_mac_np_assussussusg_anasussusg_n ora_angun_ora_lgo	



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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	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	1294737408	1294737408	~
CustBattDiag_LOISet_ms_M_u32p0	1294737408	1294737408	•
CustBattDiag_LVCClr_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_LVLSCIr_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	~

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 2.87 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1004415744
CustBattDiag_LOISet_ms_M_u32p0	3297756416
CustBattDiag_LVCClr_ms_M_u32p0	2751511296
CustBattDiag_LVCSet_ms_M_u32p0	624481536
CustBattDiag_LVHSCCIr_ms_M_u32p0	2432003840
CustBattDiag_LVHSCSet_ms_M_u32p0	3679561984
CustBattDiag_LVHSClr_ms_M_u32p0	1004415744
CustBattDiag_LVHSSet_ms_M_u32p0	3297756416
CustBattDiag_LVLSCCIr_ms_M_u32p0	759886592
CustBattDiag LVLSCSet ms M u32p0	260820224
CustBattDiag LVLSCIr ms M u32p0	1388390144
CustBattDiag LVLSSet ms M u32p0	2774671616
CustBattDiag_LVSMCIr_ms_M_u32p0	1784854272
CustBattDiag LVSMSet ms M u32p0	1063399680
Rte Call Ap CustBattDiag EpsEn OP GET(signal)	target Rte Call Ap CustBattDiag EpsEn OP GET signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedT	im target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 ElapsedTime
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime	target Rte 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
C CustBattDiagLOIspd kph f32	370.354462
CustBattDiaghispd kph f32	351.641541
CustBattDiaglospd kph f32	421.23233
C_LOIDetect_ms_u16p0	39632
C 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
C LVHSCNotDetect Volts u10p6	1664
LVHSCNotDetect ms u16p0	24351
LVHSDetect_Volts_u10p6	192
LVHSDetect ms u16p0	65535
C_LVHSNotDetect_Volts_u10p6	1664
C LVHSNotDetect ms u16p0	49607
	192
CLVLSCDetect ms u16p0	48051
<pre><_LVLSCNotDetect_Volts_u10p6</pre>	1664
k_LVLSCNotDetect_ms_u16p0 k_LVLSDetect_Volts_u10p6 k_LVLSDetect_ms_u16p0	64552 192 15974

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

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CustBattDiag_Per2 Input Value k LVLSNotDetect Volts u10p6 1664 51048 k_LVLSNotDetect_ms_u16p0 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_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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32$ **Expected Value Actual 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

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1063399680

260820224

1388390144

2774671616

1784854272

1063399680

Test Step 2.88 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2456830464
CustBattDiag_LOISet_ms_M_u32p0	1464038400
CustBattDiag_LVCClr_ms_M_u32p0	3628634624
CustBattDiag_LVCSet_ms_M_u32p0	3985130496
CustBattDiag_LVHSCClr_ms_M_u32p0	4114249216
CustBattDiag_LVHSCSet_ms_M_u32p0	3884828672
CustBattDiag_LVHSClr_ms_M_u32p0	2456830464
CustBattDiag_LVHSSet_ms_M_u32p0	1464038400
CustBattDiag_LVLSCClr_ms_M_u32p0	1263135232
CustBattDiag_LVLSCSet_ms_M_u32p0	1349475328
CustBattDiag_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
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_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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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 Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	418.546173		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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_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		
		1	Resul
Name	Actual Value	Expected Value	
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_LVHSClr_ms_M_u32p0	2456830464	2456830464	,
CustBattDiag_LVHSSet_ms_M_u32p0	1464038400	1464038400	•
CustBattDiag_LVLSCClr_ms_M_u32p0	4279998976	4279998976	- '
CustBattDiag_LVLSCSet_ms_M_u32p0	4279998976	4279998976	•
CustBattDiag_LVLSClr_ms_M_u32p0	2763476480	2763476480	,
CustBattDiag_LVLSSet_ms_M_u32p0	2168217600	2168217600	•
CustBattDiag_LVSMClr_ms_M_u32p0	2551356928	2551356928	•
CustBattDiag LVSMSet ms M u32p0	2273062912	2273062912	-

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	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

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CustBattDiag_Per2		RAZON	
Name	Input Value		
CustBattDiag_LVCClr_ms_M_u32p0	3415018752		
CustBattDiag_LVCSet_ms_M_u32p0	1628829440		
CustBattDiag_LVHSCSct_ms_M_u32p0	155672832		
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	1578461952 399899904		
CustBattDiag_LVHSSet ms M u32p0	1285842688		
CustBattDiag_LVLSCCIr_ms_M_u32p0	3320382720		
CustBattDiag_LVLSCSet_ms_M_u32p0	1388359424		
CustBattDiag_LVLSClr_ms_M_u32p0	2620446976		
CustBattDiag_LVLSSet_ms_M_u32p0	694788864		
CustBattDiag_LVSMClr_ms_M_u32p0	324987136		
CustBattDiag_LVSMSet_ms_M_u32p0	2582262528		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_O	P_GET_signal	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mSu16 (Elapsed$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTime	е
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()	3		
k_CustBattDiagLOIspd_kph_f32	319.115509		
k_CustBattDiaghispd_kph_f32	188.89859		
k_CustBattDiaglospd_kph_f32	259.757965 61990		
k_LOIDetect_ms_u16p0 k_LOINotDetect_ms_u16p0	26981		
k LVCDetect Volts u10p6	1024		
k LVCDetect ms u16p0	38059		
k LVCNotDetect Volts u10p6	256		
k_LVCNotDetect_ms_u16p0	28447		
k_LVHSCDetect_Volts_u10p6	1728		
k_LVHSCDetect_ms_u16p0	13508		
k_LVHSCNotDetect_Volts_u10p6	256		
k_LVHSCNotDetect_ms_u16p0	57570		
k_LVHSDetect_Volts_u10p6	1024		
k_LVHSDetect_ms_u16p0	61163		
k_LVHSNotDetect_Volts_u10p6	256		
k_LVHSNotDetect_ms_u16p0	0		
k_LVLSCDetect_Volts_u10p6	1024		
k_LVLSCDetect_ms_u16p0	6151		
k_LVLSCNotDetect_Volts_u10p6	256		
k_LVLSCNotDetect_ms_u16p0	49303		
k_LVLSDetect_Volts_u10p6 k_LVLSDetect_ms_u16p0	1024 14222		
k LVLSNotDetect Volts u10p6	256		
k LVLSNotDetect ms u16p0	39696		
k LVSMDetect Volts u10p6	1024		
k LVSMDetect ms u16p0	64414		
k LVSMNotDetect Volts u10p6	256		
k_LVSMNotDetect_ms_u16p0	12523		
target_CustBattDiag_Per2_Batt_Volt_f32.value	8.55730247		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	367.578491		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
	1295250688		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	11 O1DHD: D O D		
target_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_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_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	lac	
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_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_		
target_Rte_Inst_Ap_CustBattDiag_2.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_Igc	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali	d_Cnt_lgc	
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_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_	d_Cnt_lgc lh_f32	Result
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_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp	d_Cnt_lgc lh_f32	Resul
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 Name	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp	d_Cnt_lgc h_f32 Expected Value	•
target_Rte_Inst_Ap_CustBattDiag_2.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_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688	d_Cnt_lgc h_f32 Expected Value 1295250688	•
target_Rte_Inst_Ap_CustBattDiag_2.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_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688 1295250688	d_Cnt_lgc h_f32 Expected Value 1295250688 1295250688	•
target_Rte_Inst_Ap_CustBattDiag_2.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_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_Igc 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	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688 1295250688 3415018752	d_Cnt_lgc h_f32 Expected Value 1295250688 1295250688 3415018752	
target_Rte_Inst_Ap_CustBattDiag_2.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_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688 1295250688 3415018752 1295250688	d_Cnt_lgc h_f32 Expected Value 1295250688 1295250688 3415018752 1295250688	
target_Rte_Inst_Ap_CustBattDiag_2.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_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688 1295250688 3415018752 1295250688 155672832	d_Cnt_lgc h_f32 Expected Value 1295250688 1295250688 3415018752 1295250688 155672832	
target_Rte_Inst_Ap_CustBattDiag_2.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_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688 1295250688 3415018752 1295250688 155672832 1295250688	d_Cnt_lgc h_f32 Expected Value 1295250688 1295250688 3415018752 1295250688 155672832 1295250688	
target_Rte_Inst_Ap_CustBattDiag_2.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_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688 1295250688 3415018752 1295250688 155672832 1295250688 399899904	d_Cnt_lgc h_f32 Expected Value 1295250688 1295250688 3415018752 1295250688 155672832 1295250688 399899904 1285842688 3320382720	0
target_Rte_Inst_Ap_CustBattDiag_2.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_SttdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 1295250688 1295250688 3415018752 1295250688 155672832 1295250688 399899904 1285842688	d_Cnt_lgc h_f32 Expected Value 1295250688 1295250688 3415018752 1295250688 155672832 1295250688 399899904 1285842688	Result

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

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	•
ControlTimers	1	ControlTimers	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_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
VHODetect_Ms_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_u1op6 LVSMDetect_ms_u16p0	19631
_LVSMNotDetect_Volts_u10p6	256
LVSMNotDetect ms u16p0	15392
rget_CustBattDiag_Per2_Batt_Volt_f32.value	16.3029842



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		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	54902		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	nt 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	nt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_	lc target_CustBattDiag_Per2_VehicleSpeedVa	llid_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	3390497792	3390497792	~
CustBattDiag_LOISet_ms_M_u32p0	3390497792	3390497792	✓
CustBattDiag_LVCClr_ms_M_u32p0	2976619520	2976619520	✓
CustBattDiag_LVCSet_ms_M_u32p0	2432228864	2432228864	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2056036352	2056036352	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	415924736	415924736	✓
CustBattDiag_LVHSClr_ms_M_u32p0	1548798976	1548798976	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3390497792	3390497792	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1211610112	1211610112	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3973625344	3973625344	✓
CustBattDiag_LVLSCIr_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	0x00	✓
Status_Cnt_T_enum	0x00	0x00	✓

au				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_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 2.91 (Repeat Count = 1)	√
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3235667712
CustBattDiag_LOISet_ms_M_u32p0	3073251584
CustBattDiag_LVCClr_ms_M_u32p0	1892413184
CustBattDiag_LVCSet_ms_M_u32p0	2443979008
CustBattDiag_LVHSCCIr_ms_M_u32p0	3464028928
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104
CustBattDiag_LVHSCIr_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_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	379.606506
k_CustBattDiaghispd_kph_f32	320.949524
k_CustBattDiaglospd_kph_f32	320.064056

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Name	Input Value		
k LOIDetect ms u16p0	36868		
<pre>C_LOINotDetect_ms_u16p0</pre>	54309		
LVCDetect Volts u10p6	1728		
k_LVCDetect_ms_u16p0	16816		
k LVCNotDetect Volts u10p6	1216		
k LVCNotDetect ms u16p0	35502		
k LVHSCDetect Volts u10p6	1280		
k_LVHSCDetect_ms_u16p0	53260		
k_LVHSCNotDetect_Volts_u10p6	1216		
k_LVHSCNotDetect_ms_u16p0	48137		
k_LVHSDetect_Volts_u10p6	1728		
k_LVHSDetect_ms_u16p0	20654		
k_LVHSNotDetect_Volts_u10p6	1216		
k_LVHSNotDetect_ms_u16p0	16073		
k_LVLSCDetect_Volts_u10p6	1728		
k_LVLSCDetect_ms_u16p0	53710		
k_LVLSCNotDetect_Volts_u10p6	1216		
k_LVLSCNotDetect_ms_u16p0	50889		
k_LVLSDetect_Volts_u10p6	1728		
k_LVLSDetect_ms_u16p0	44747		
k_LVLSNotDetect_Volts_u10p6	1216		
k_LVLSNotDetect_ms_u16p0	54351		
k_LVSMDetect_Volts_u10p6	1728		
k_LVSMDetect_ms_u16p0	64665		
k_LVSMNotDetect_Volts_u10p6	1216		
k_LVSMNotDetect_ms_u16p0	57406		
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.92610836		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	130.187088		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	p 3972		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also consistent for the contract of the co$	at 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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr	nt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_2.CustBattDiag_3.Cus$	target_CustBattDiag_Per2_VehicleSpeedVa	llid_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	3235667712	3235667712	~
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	✓
CustBattDiag_LVCClr_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_LVLSCIr_ms_M_u32p0	3513654016	3513654016	✓
CustBattDiag_LVLSSet_ms_M_u32p0	444413184	444413184	✓
CustBattDiag_LVSMClr_ms_M_u32p0	3096226560	3096226560	✓
	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 2.92 (Repeat Count = 1)			₩
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	3980764672		
CustBattDiag_LOISet_ms_M_u32p0	2444785664		
CustBattDiag_LVCCIr_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_LVLSCClr_ms_M_u32p0	111398400		
CustBattDiag_LVLSCSet_ms_M_u32p0	2031935488		
CustBattDiag_LVLSCIr_ms_M_u32p0	1031827968		
CustBattDiag_LVLSSet_ms_M_u32p0	389751808		
CustBattDiag_LVSMClr_ms_M_u32p0	4133798400		
CustBattDiag_LVSMSet_ms_M_u32p0	2993419264		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	3		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()	120 727225		
k_CustBattDiagLOIspd_kph_f32	129.737335		
k_CustBattDiaghispd_kph_f32 k CustBattDiaglospd kph f32	270.953094		
k_LOIDetect_ms_u16p0	429.976776 48212		
k_LOINotDetect_ms_u16p0 k_LVCDetect_Volts_u10p6	41865 1820		
k_LVCDetect_voits_u10p0	44752		
k LVCNotDetect Volts u10p6	576		
k_LVCNotDetect_ms_u16p0	15214		
k LVHSCDetect Volts u10p6	192		
k LVHSCDetect ms u16p0	40828		
k LVHSCNotDetect Volts u10p6	576		
k LVHSCNotDetect ms u16p0	23839		
k_LVHSDetect_Volts_u10p6	1820		
k_LVHSDetect_ms_u16p0	28088		
k_LVHSNotDetect_Volts_u10p6	576		
k_LVHSNotDetect_ms_u16p0	6012		
k_LVLSCDetect_Volts_u10p6	1820		
k_LVLSCDetect_ms_u16p0	13223		
k_LVLSCNotDetect_Volts_u10p6	576		
k_LVLSCNotDetect_ms_u16p0	39118		
k_LVLSDetect_Volts_u10p6	1820		
k_LVLSDetect_ms_u16p0	0		
k_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	41309		
k_LVSMDetect_Volts_u10p6	1820		
k_LVSMDetect_ms_u16p0	29574		
k_LVSMNotDetect_Volts_u10p6	576		
k_LVSMNotDetect_ms_u16p0	37552		
target_CustBattDiag_Per2_Batt_Volt_f32.value	17.2887306		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	11		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	175.000244		
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_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_EngOn_Cnt_igc target_Rte_Inst_Ap_CustBattDiag_2:CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EngOn_Cnt_igc 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		
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	1123843584	1123843584	. tosul
CustBattDiag_LOISet ms M u32p0	1123843584	1123843584	
CustBattDiag_LVCClr ms M u32p0	3484874240	3484874240	
CustBattDiag_LVCSet_ms_M_u32p0	1316898816	1316898816	
CustBattDiag LVHSCCIr ms M u32p0	3414170112	3414170112	•
	3414170112 3212643328	3212643328	

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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				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_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_LOICIr_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_LVHSClr_ms_M_u32p0	2313539840
CustBattDiag_LVHSSet_ms_M_u32p0	2790611712
CustBattDiag_LVLSCCIr_ms_M_u32p0	3362478336
CustBattDiag LVLSCSet ms M u32p0	1674060544
CustBattDiag LVLSClr 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_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()	1
k_CustBattDiagLOIspd_kph_f32	232.302353
k_CustBattDiaghispd_kph_f32	233.545807
k_CustBattDiaglospd_kph_f32	377.497864
	34594
k_LOIDetect_ms_u16p0 k_LOINotDetect_ms_u16p0	5819
k_LVCDetect_Volts_u10p6	384
k LVCDetect ms u16p0	39213
	1152
k_LVCNotDetect_Volts_u10p6	7307
k_LVCNotDetect_ms_u16p0	1344
k_LVHSCDetect_Volts_u10p6	62440
k_LVHSCDetect_ms_u16p0	
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



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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	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	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	~

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 2.94 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3195097088
CustBattDiag_LOISet_ms_M_u32p0	1808445952
CustBattDiag_LVCClr_ms_M_u32p0	3169656832
CustBattDiag_LVCSet_ms_M_u32p0	1799291392
CustBattDiag_LVHSCClr_ms_M_u32p0	3449775104
CustBattDiag_LVHSCSet_ms_M_u32p0	1674831360
CustBattDiag_LVHSCIr_ms_M_u32p0	3195097088
CustBattDiag_LVHSSet_ms_M_u32p0	1808445952
CustBattDiag_LVLSCCIr_ms_M_u32p0	3808475136
CustBattDiag_LVLSCSet_ms_M_u32p0	1485986304
CustBattDiag_LVLSClr_ms_M_u32p0	4083317760
CustBattDiag_LVLSSet_ms_M_u32p0	3007495680
CustBattDiag_LVSMClr_ms_M_u32p0	870927360
CustBattDiag_LVSMSet_ms_M_u32p0	4235857408
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	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	38.1724319
k_CustBattDiaghispd_kph_f32	362.894836
k_CustBattDiaglospd_kph_f32	440.594452
k_LOIDetect_ms_u16p0	10115
k_LOINotDetect_ms_u16p0	35087
k_LVCDetect_Volts_u10p6	1088
k_LVCDetect_ms_u16p0	13538
k_LVCNotDetect_Volts_u10p6	1152
k_LVCNotDetect_ms_u16p0	3872
k_LVHSCDetect_Volts_u10p6	1024
k_LVHSCDetect_ms_u16p0	40560
k_LVHSCNotDetect_Volts_u10p6	1152
k_LVHSCNotDetect_ms_u16p0	1494
k_LVHSDetect_Volts_u10p6	1088
k_LVHSDetect_ms_u16p0	199
k_LVHSNotDetect_Volts_u10p6	1152
k_LVHSNotDetect_ms_u16p0	27484
k_LVLSCDetect_Volts_u10p6	1088

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CustBattDiag_Per2 Input Value k_LVLSCDetect_ms_u16p0 56789 k_LVLSCNotDetect_Volts_u10p6 1152 54752 k LVLSCNotDetect ms u16p0 k_LVLSDetect_Volts_u10p6 1088 19229 k LVLSDetect ms u16p0 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 36693 k_LVSMNotDetect_ms_u16p0 $target_CustBattDiag_Per2_Batt_Volt_f32.value$ 6 4443922 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 10 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 0 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 0 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 231.872162 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 0 $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap \\ \hspace*{0.2cm} 56870$ target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 161409024 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ig 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 161409024 161409024 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 LVHSClr ms M u32p0 3195097088 3195097088 CustBattDiag_LVHSSet_ms_M_u32p0 1808445952 1808445952 CustBattDiag_LVLSCCIr_ms_M_u32p0 161409024 161409024 $CustBattDiag_LVLSCSet_ms_M_u32p0$ 1485986304 1485986304 CustBattDiag_LVLSCIr_ms_M_u32p0 4083317760 4083317760 CustBattDiag_LVLSSet_ms_M_u32p0 3007495680 3007495680 CustBattDiag_LVSMClr_ms_M_u32p0 870927360 870927360 CustBattDiag_LVSMSet_ms_M_u32p0 4235857408 4235857408 NTC_Cnt_T_enum 0xE8 0xE8 Param_Cnt_T_u08 0x01



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	-

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

 $CustBattDiag_LVHSCSet_ms_M_u32p0$ 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

 $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32$

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CustBattDiag_Per2			MACILAB
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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_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_VehicleSpeedValid_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	610405120	610405120	✓
CustBattDiag_LOISet_ms_M_u32p0	610405120	610405120	✓
CustBattDiag_LVCClr_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_LVSMSet_ms_M_u32p0		266901760 266	6901760	✓
T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	e 1	~
Rte Call Ap CustBattDiag EpsEn OP GET	1	Rte Call Ap CustBattDiag EpsEn OP GET	1	✓

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595368704

2345645312

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709789952

1007869696

2978665216

1099345152

2345645312

2657570560

709789952

1007869696

 $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32$

595368704

Test Step 2.96 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	369773056
CustBattDiag_LOISet_ms_M_u32p0	3187588096
CustBattDiag_LVCClr_ms_M_u32p0	1424267776
CustBattDiag_LVCSet_ms_M_u32p0	4187327488
CustBattDiag_LVHSCCIr_ms_M_u32p0	3603496448
CustBattDiag_LVHSCSet_ms_M_u32p0	3010564096
CustBattDiag_LVHSCIr_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_LVSMCIr_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

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CustBattDiag Per2

CustBattDiag_Per2			VALCICAL
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_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target CustBattDiag Per2 SttdSelected Cnt Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target CustBattDiag Per2 VehicleSpeed Kph f32.value	140.668808		
target Rte Call Ap CustBattDiag EpsEn OP GET signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap			
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	lac	
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		
Name	Actual Value	Expected Value	Result
		•	Result
CustBattDiag_LOICIr_ms_M_u32p0	1080336896	1080336896	
CustBattDiag_LOISet_ms_M_u32p0	1080336896	1080336896	Ž
CustBattDiag_LVCClr_ms_M_u32p0	1424267776	1424267776	
CustBattDiag_LVCSet_ms_M_u32p0	4187327488	4187327488	V
CustBattDiag_LVHSCCIr_ms_M_u32p0	3603496448	3603496448	V
CustBattDiag_LVHSCSet_ms_M_u32p0	1080336896	1080336896	V
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	V
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	~
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	•
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

0xE4

0x00

0x00

0xE4

0x00

0x00

Status_Cnt_T_enum NTC_Cnt_T_enum

Param_Cnt_T_u08

Status_Cnt_T_enum





Test Step 2.97 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1596450048
CustBattDiag LOISet ms M u32p0	4287794944
CustBattDiag_LVCCIr_ms_M_u32p0	2950231296
CustBattDiag_LVCSet_ms_M_u32p0	3960348416
CustBattDiag LVHSCCIr ms M u32p0	2830878976
CustBattDiag LVHSCSet ms M u32p0	596251392
CustBattDiag_LVHSClr_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
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 CustBattDiagLOlspd kph f32	18.227457
	427.799103
k_CustBattDiaghispd_kph_f32	19.6407337
k_CustBattDiaglospd_kph_f32	
k_LOIDetect_ms_u16p0	27378
k_LOINotDetect_ms_u16p0	13644
k_LVCDetect_Volts_u10p6	960
k_LVCDetect_ms_u16p0	42594
k_LVCNotDetect_Volts_u10p6	1344
k_LVCNotDetect_ms_u16p0	8722
k_LVHSCDetect_Volts_u10p6	1920
k_LVHSCDetect_ms_u16p0	65201
k_LVHSCNotDetect_Volts_u10p6	1344
k_LVHSCNotDetect_ms_u16p0	36122
k_LVHSDetect_Volts_u10p6	960
k_LVHSDetect_ms_u16p0	29805
k_LVHSNotDetect_Volts_u10p6	1344
k_LVHSNotDetect_ms_u16p0	25038
k_LVLSCDetect_Volts_u10p6	960
k_LVLSCDetect_ms_u16p0	24358
k_LVLSCNotDetect_Volts_u10p6	1344
k_LVLSCNotDetect_ms_u16p0	52645
k_LVLSDetect_Volts_u10p6	960
k_LVLSDetect_ms_u16p0	39282
k_LVLSNotDetect_Volts_u10p6	1344
k_LVLSNotDetect_ms_u16p0	27006
k_LVSMDetect_Volts_u10p6	960
k_LVSMDetect_ms_u16p0	20199
k_LVSMNotDetect_Volts_u10p6	1344
k LVSMNotDetect ms u16p0	12819

CustBattDiag_Per2

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

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

Test Step 2.98 (Repeat Count = 1)	Innut Value
Name	Input Value
CustBattDiag_LOICIr_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_LVHSCIr_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_LVSMCIr_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(Elap	osedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curren	tTime) target_Rte_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	248.179581
_CustBattDiaghispd_kph_f32	230.638123
_CustBattDiaglospd_kph_f32	406.631897
_LOIDetect_ms_u16p0	35812
_LOINotDetect_ms_u16p0	55470
_LVCDetect_Volts_u10p6	256
_LVCDetect_ms_u16p0	13585
_LVCNotDetect_Volts_u10p6	256
_LVCNotDetect_ms_u16p0	476
_LVHSCDetect_Volts_u10p6	1088
LVHSCDetect_ms_u16p0	0
_LVHSCNotDetect_Volts_u10p6	256
LVHSCNotDetect ms u16p0	20609
	256
_LVHSDetect_ms_u16p0	31697
	256
: LVHSNotDetect ms u16p0	18568
LVLSCDetect Volts u10p6	256
_LVLSCDetect_volts_u10p0 _LVLSCDetect_ms_u16p0	118
:	256
_LVLSCNotDetect_Volts_u10p6	
_LVLSCNotDetect_ms_u16p0	56657
_LVLSDetect_Volts_u10p6	256
LVLSDetect_ms_u16p0	6835
_LVLSNotDetect_Volts_u10p6	256
_LVLSNotDetect_ms_u16p0	5197
_LVSMDetect_Volts_u10p6	256
_LVSMDetect_ms_u16p0	42869
_LVSMNotDetect_Volts_u10p6	256
_LVSMNotDetect_ms_u16p0	48199
arget_CustBattDiag_Per2_Batt_Volt_f32.value	6.00681639
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	304.883759





Name	Input Value		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Cnt_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_LOIClr_ms_M_u32p0	2415596544	2415596544	~
CustBattDiag_LOISet_ms_M_u32p0	98768384	98768384	~
CustBattDiag_LVCCIr_ms_M_u32p0	1982325760	1982325760	~
CustBattDiag_LVCSet_ms_M_u32p0	3236441088	3236441088	✓
CustBattDiag_LVHSCClr_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 k_LVLSDetect_Volts_u10p6 576 k_LVLSDetect_ms_u16p0 39948 k_LVLSNotDetect_Volts_u10p6 256 k_LVLSNotDetect_ms_u16p0 17717 k_LVSMDetect_Volts_u10p6 576 k_LVSMDetect_ms_u16p0 28263 k_LVSMNotDetect_Volts_u10p6 256 k_LVSMNotDetect_ms_u16p0 21737 target_CustBattDiag_Per2_Batt_Volt_f32.value 15.09342 target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 0 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value 1 $target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value$ 0 target CustBattDiag Per2 VehicleSpeed Kph f32.value 349.428192 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 0 target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 1124 target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current 2828418816 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ target_CustBattDiag_Per2_Batt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgEnder_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 **Actual Value Expected Value** Name Result CustBattDiag_LOICIr_ms_M_u32p0 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

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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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

CustBattDiag_LVSMSet_ms_M_u32p0

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Name	Input Value		
CustBattDiag_LVHSClr_ms_M_u32p0	3951177216		
CustBattDiag_LVHSSet_ms_M_u32p0	2440708096		
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_LVSMCIr_ms_M_u32p0	2739849728		
CustBattDiag_LVSMSet_ms_M_u32p0	1459043328	OD OFT singel	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_CustBattDiag_EpsEn_0		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrifficiapsedTime_mS_u32(CurrentTime)		Fime_DtrmnElapsedTime_mS_u16_ElapsedTim Fime GetSystemTime mS u32 CurrentTime	ne
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	inie_GetGystem inie_inig_u32_current inie	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k CustBattDiagLOlspd kph f32	458.268616		
k_CustBattDiaghispd_kph_f32	234.892822		
k CustBattDiaglospd kph f32	324.047882		
k_LOIDetect_ms_u16p0	55750		
k_LOINotDetect_ms_u16p0	16910		
k_LVCDetect_Volts_u10p6	1024		
k_LVCDetect_ms_u16p0	15199		
k_LVCNotDetect_Volts_u10p6	960		
k_LVCNotDetect_ms_u16p0	35759		
k_LVHSCDetect_Volts_u10p6	64		
k_LVHSCDetect_ms_u16p0	46151		
k_LVHSCNotDetect_Volts_u10p6	960		
k_LVHSCNotDetect_ms_u16p0	27390		
k_LVHSDetect_Volts_u10p6	1024		
k_LVHSDetect_ms_u16p0	42973		
k_LVHSNotDetect_Volts_u10p6	960		
k_LVHSNotDetect_ms_u16p0	61820		
k_LVLSCDetect_Volts_u10p6	1024		
k_LVLSCDetect_ms_u16p0	59468		
k_LVLSCNotDetect_Volts_u10p6	960		
k_LVLSCNotDetect_ms_u16p0	8745		
k_LVLSDetect_Volts_u10p6	1024		
k_LVLSDetect_ms_u16p0	30894		
k_LVLSNotDetect_Volts_u10p6	960		
k_LVLSNotDetect_ms_u16p0	39753		
k_LVSMDetect_Volts_u10p6	1024		
k_LVSMDetect_ms_u16p0	6076		
k_LVSMNotDetect_Volts_u10p6	960		
k_LVSMNotDetect_ms_u16p0	54605		
target_CustBattDiag_Per2_Batt_Volt_f32.value target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	11.4503689		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	4		
target CustBattDiag Per2 SttdSelected Cnt Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc.value	0		
target CustBattDiag Per2 VehicleSpeed Kph f32.value	131.724731		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curren			
target_Rte_Inst_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		
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	Result
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	•
CustBattDiag_LVLSCCIr_ms_M_u32p0	4120380928	4120380928	~
CustBattDiag_LVLSCSet_ms_M_u32p0	2798102528	2798102528	~
CustBattDiag_LVLSCIr_ms_M_u32p0	1575516672	1575516672	~
CustBattDiag_LVLSSet_ms_M_u32p0	1995729920	1995729920	~
OvertDettDie v. LVONOIs and M. 20000	0700040700	0700040700	

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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)	<u>.</u>
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	189806848
CustBattDiag_LOISet_ms_M_u32p0	3358589696
CustBattDiag_LVCCIr_ms_M_u32p0	1482049792
CustBattDiag_LVCSet_ms_M_u32p0	675844864
CustBattDiag_LVHSCCIr_ms_M_u32p0	3327876352
CustBattDiag_LVHSCSet_ms_M_u32p0	515950336
CustBattDiag_LVHSClr_ms_M_u32p0	189806848
CustBattDiag_LVHSSet_ms_M_u32p0	3358589696
CustBattDiag_LVLSCClr_ms_M_u32p0	3700605184
CustBattDiag_LVLSCSet_ms_M_u32p0	3756509952
CustBattDiag_LVLSCIr_ms_M_u32p0	4232926464
CustBattDiag_LVLSSet_ms_M_u32p0	124878592
CustBattDiag_LVSMCIr_ms_M_u32p0	1767531776
CustBattDiag_LVSMSet_ms_M_u32p0	3064532736
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mSuperscript{BattDiag}) = 0.0000000000000000000000000000000000$	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()	4
k_CustBattDiagLOlspd_kph_f32	373.154297
k_CustBattDiaghispd_kph_f32	83.4732285
k_CustBattDiaglospd_kph_f32	102.378799
k_LOIDetect_ms_u16p0	21482
k_LOINotDetect_ms_u16p0	6987
k_LVCDetect_Volts_u10p6	1856
k_LVCDetect_ms_u16p0	34976
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	64486
k_LVHSCDetect_Volts_u10p6	64
k_LVHSCDetect_ms_u16p0	3186
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	0
k_LVHSDetect_Volts_u10p6	1856
k_LVHSDetect_ms_u16p0	7045
k_LVHSNotDetect_Volts_u10p6	256
k_LVHSNotDetect_ms_u16p0	44000
k_LVLSCDetect_Volts_u10p6	1856
k_LVLSCDetect_ms_u16p0	55370
k_LVLSCNotDetect_Volts_u10p6	256
k_LVLSCNotDetect_ms_u16p0	2410
k_LVLSDetect_Volts_u10p6	1856
k_LVLSDetect_ms_u16p0	28868
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_ms_u16p0	3755
k_LVSMDetect_Volts_u10p6	1856
k_LVSMDetect_ms_u16p0	53559
k_LVSMNotDetect_Volts_u10p6	256
k_LVSMNotDetect_ms_u16p0	42301
target_CustBattDiag_Per2_Batt_Volt_f32.value	24.0917416
target_CustBattDiag_Per2_EngOn_Cnt_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	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	107.232986
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSuperscript{0}{0}{0}{0}{0}{0}{0}{0}{0}{0}{0}{0}{0}{$	52123





Name	Input Value			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	846115072			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_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_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_LOIClr_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_LVHSCCIr_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_LVLSCClr_ms_M_u32p0	3700605184	3700605184	~	
CustBattDiag_LVLSCSet_ms_M_u32p0	3756509952	3756509952	~	
CustBattDiag_LVLSCIr_ms_M_u32p0	4232926464	4232926464	~	
CustBattDiag_LVLSSet_ms_M_u32p0	124878592	124878592	~	
CustBattDiag_LVSMCIr_ms_M_u32p0	1767531776	1767531776	~	
CustBattDiag_LVSMSet_ms_M_u32p0	3064532736	3064532736	~	

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 2.102 (Repeat Count = 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_LVLSCClr_ms_M_u32p0	3861544960
CustBattDiag_LVLSCSet_ms_M_u32p0	1423139328
CustBattDiag_LVLSClr_ms_M_u32p0	1514849280
CustBattDiag_LVLSSet_ms_M_u32p0	1443251712
CustBattDiag_LVSMClr_ms_M_u32p0	1533252608
CustBattDiag_LVSMSet_ms_M_u32p0	1520408064
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	83.7791595
k_CustBattDiaghispd_kph_f32	305.372803
k_CustBattDiaglospd_kph_f32	223.168915
k_LOIDetect_ms_u16p0	53708
k_LOINotDetect_ms_u16p0	23297
k_LVCDetect_Volts_u10p6	1664
k_LVCDetect_ms_u16p0	10024
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	32942
k_LVHSCDetect_Volts_u10p6	896
k_LVHSCDetect_ms_u16p0	60787
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	65535
k_LVHSDetect_Volts_u10p6	1664
k_LVHSDetect_ms_u16p0	25947
k_LVHSNotDetect_Volts_u10p6	1984
k_LVHSNotDetect_ms_u16p0	19617
k_LVLSCDetect_Volts_u10p6	1664
k_LVLSCDetect_ms_u16p0	62683
k_LVLSCNotDetect_Volts_u10p6	1984

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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_Igc.value	1			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	385.952057			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	63081			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2153164800			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	:_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_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_LOIClr_ms_M_u32p0	2153164800	2153164800		•
CustBattDiag_LOISet_ms_M_u32p0	2153164800	2153164800		✓
CustBattDiag_LVCCIr_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		✓
CustBattDiag_LVSMClr_ms_M_u32p0	1533252608	1533252608		✓
CustBattDiag_LVSMSet_ms_M_u32p0	1520408064	1520408064		✓

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 2.103 (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

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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	29275		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) = 0.0000000000000000000000000000000000$	t 962245376		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0	8	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cr	nt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_Per2_VehicleSpeedValid_Cnt_InstAp_CustBattDiag_Per2_VehicleSpe$	target_CustBattDiag_Per2_VehicleSpeedVa	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	962245376	962245376	·
CustBattDiag_LOISet_ms_M_u32p0	962245376	962245376	✓
CustBattDiag_LVCCIr_ms_M_u32p0	2755595008	2755595008	~
CustBattDiag_LVCSet_ms_M_u32p0	2715002112	2715002112	~
CustBattDiag_LVHSCClr_ms_M_u32p0	311213824	311213824	·
CustBattDiag_LVHSCSet_ms_M_u32p0	2704111872	2704111872	~
CustBattDiag_LVHSClr_ms_M_u32p0	2022210304	2022210304	~
CustBattDiag_LVHSSet_ms_M_u32p0	1182176512	1182176512	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	3676259072	3676259072	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3308035328	3308035328	•
CustBattDiag_LVLSClr_ms_M_u32p0	1154381568	1154381568	✓
CustBattDiag LVLSSet ms M u32p0	2586046720	2586046720	✓
Gustbattbiag_EvEGGCt_ms_w_ugzpo			
CustBattDiag_LVSMCIr_ms_M_u32p0	1757677312	1757677312	~

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	•

Test Step 2.104 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	699486720	
CustBattDiag_LOISet_ms_M_u32p0	2966356992	
CustBattDiag_LVCClr_ms_M_u32p0	1959633408	
CustBattDiag_LVCSet_ms_M_u32p0	653775872	
CustBattDiag_LVHSCCIr_ms_M_u32p0	2981398016	

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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_CustBattDiagLOIspd_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 CustBattDiag_LVLSSet_ms_M_u32p0 2922835968 2922835968 CustBattDiag_LVSMClr_ms_M_u32p0 2251206144 2251206144 CustBattDiag_LVSMSet_ms_M_u32p0 538624000 538624000

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T
Actual Function Count Expected Function Count

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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	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_LVHSCIr_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	~
CustBattDiag_LVSMSet_ms_M_u32p0	1045332736	1045332736	•

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

Test Step 2.106 (Repeat Count = 1)	🗸
Name	Input Value
CustBattDiag_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



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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	22467		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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	t_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_LVCCIr_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_LVHSCIr_ms_M_u32p0	471489536	471489536	~
CustBattDiag_LVHSSet_ms_M_u32p0	745905664	745905664	•
CustBattDiag_LVLSCClr_ms_M_u32p0	932082688	932082688	~
CustBattDiag_LVLSCSet_ms_M_u32p0	932082688	932082688	~

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	~

575488

3439127040

3387070464

1518287360

3439127040

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575488

T 101 0 107 (D 10 1 1)	
Test Step 2.107 (Repeat Count = 1)	V
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1539288832
CustBattDiag_LOISet_ms_M_u32p0	2721442048
CustBattDiag_LVCCIr_ms_M_u32p0	763576064
CustBattDiag_LVCSet_ms_M_u32p0	262666496
CustBattDiag_LVHSCClr_ms_M_u32p0	1213805312
CustBattDiag_LVHSCSet_ms_M_u32p0	3109293312
CustBattDiag_LVHSClr_ms_M_u32p0	1539288832
CustBattDiag_LVHSSet_ms_M_u32p0	2721442048
CustBattDiag_LVLSCClr_ms_M_u32p0	603256576
CustBattDiag_LVLSCSet_ms_M_u32p0	3561910528
CustBattDiag_LVLSCIr_ms_M_u32p0	3232000768
CustBattDiag_LVLSSet_ms_M_u32p0	3436184832
CustBattDiag_LVSMClr_ms_M_u32p0	3461806848
CustBattDiag_LVSMSet_ms_M_u32p0	3515421952
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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()	3
k_CustBattDiagLOIspd_kph_f32	447.945313
k_CustBattDiaghispd_kph_f32	367.311859
k_CustBattDiaglospd_kph_f32	458.656982
k_LOIDetect_ms_u16p0	19638
k_LOINotDetect_ms_u16p0	44195

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		· ·	
Name	Input Value		
k_LVCDetect_Volts_u10p6	384		
k_LVCDetect_ms_u16p0	39546		
k_LVCNotDetect_Volts_u10p6	896		
k_LVCNotDetect_ms_u16p0	4484		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	25186 896		
k_LVHSCNotDetect_Volts_u10p6 k_LVHSCNotDetect_ms_u16p0	6538		
k LVHSDetect Volts u10p6	384		
k_LVHSDetect_ms_u16p0	24222		
k_LVHSNotDetect_Volts_u10p6	896		
k_LVHSNotDetect_ms_u16p0	27946		
k LVLSCDetect Volts u10p6	384		
k_LVLSCDetect_ms_u16p0	4495		
k_LVLSCNotDetect_Volts_u10p6	896		
k_LVLSCNotDetect_ms_u16p0	0		
k_LVLSDetect_Volts_u10p6	384		
k_LVLSDetect_ms_u16p0	47494		
k_LVLSNotDetect_Volts_u10p6	896		
k_LVLSNotDetect_ms_u16p0	62893		
k_LVSMDetect_Volts_u10p6	384		
k_LVSMDetect_ms_u16p0	52622		
k_LVSMNotDetect_Volts_u10p6	896		
k_LVSMNotDetect_ms_u16p0	49478		
target_CustBattDiag_Per2_Batt_Volt_f32.value	5.93387365		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	388.325531		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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_lq			
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	2546165504	2546165504	- 100an
CustBattDiag_LOISet_ms_M_u32p0	2546165504	2546165504	•
CustBattDiag_LVCCIr_ms_M_u32p0	2546165504	2546165504	•
CustBattDiag_LVCSet_ms_M_u32p0	262666496	262666496	•
CustBattDiag_LVHSCCIr_ms_M_u32p0	2546165504	2546165504	•
CustBattDiag_LVHSCSet_ms_M_u32p0	3109293312	3109293312	•
CustBattDiag_LVHSClr_ms_M_u32p0	1539288832	1539288832	•
CustBattDiag_LVHSSet_ms_M_u32p0	2721442048	2721442048	•
CustBattDiag_LVLSCClr_ms_M_u32p0	2546165504	2546165504	•
CustBattDiag_LVLSCSet_ms_M_u32p0	3561910528	3561910528	•
CustBattDiag_LVLSClr_ms_M_u32p0	3232000768	3232000768	•
CustBattDiag_LVLSSet_ms_M_u32p0	3436184832	3436184832	•
CustBattDiag LVSMCIr ms M u32p0	1	0400104002	
Custbattbiag_Ev3iviCii_ms_w_u32p0	3461806848	3461806848	•
CustBattDiag_LVSMSet_ms_M_u32p0	3461806848 3515421952	3461806848 3515421952	
CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum	3461806848 3515421952 0xE0	3461806848 3515421952 0xE0	
CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08	3461806848 3515421952 0xE0 0x01	3461806848 3515421952 0xE0 0x01	
CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum	3461806848 3515421952 0xE0 0x01	3461806848 3515421952 0xE0 0x01 0x01	
CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum	3461806848 3515421952 0xE0 0x01 0x01 0xE3	3461806848 3515421952 0xE0 0x01 0x01 0xE3	
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	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01	
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 Param_Cnt_T_u08 Status_Cnt_T_enum	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01	
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 Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01 0xE4	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01 0xE4	
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 Param_Cnt_T_u08 Status_Cnt_T_enum	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01	3461806848 3515421952 0xE0 0x01 0x01 0xE3 0x01 0x01	



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	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

lame	Input Value
	2379986432
CustBattDiag_LOICIr_ms_M_u32p0	1944127488
CustBattDiag_LOISet_ms_M_u32p0	
ustBattDiag_LVCCIr_ms_M_u32p0	1523648000
sustBattDiag_LVCSet_ms_M_u32p0	1204475904
sustBattDiag_LVHSCCIr_ms_M_u32p0	52374016
sustBattDiag_LVHSCSet_ms_M_u32p0	3289816064 2379986432
custBattDiag_LVHSCIr_ms_M_u32p0	
tustBattDiag_LVHSSet_ms_M_u32p0	1944127488
custBattDiag_LVLSCCIr_ms_M_u32p0	2220613120 3384242176
ustBattDiag_LVLSCSet_ms_M_u32p0	
sustBattDiag_LVLSCIr_ms_M_u32p0	3978134016
ustBattDiag_LVLSSet_ms_M_u32p0	2407707648
tustBattDiag_LVSMCIr_ms_M_u32p0	2185613824
custBattDiag_LVSMSet_ms_M_u32p0	2039972864
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(E	
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curr	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	1 464.272766
_CustBattDiagLOIspd_kph_f32	
_CustBattDiaghispd_kph_f32	34.1756287
_CustBattDiaglospd_kph_f32	32.7341576 20862
_LONDetect_ms_u16p0	
_LOINotDetect_ms_u16p0	29521
_LVCDetect_Volts_u10p6	1408
_LVCDetect_ms_u16p0	53171 1920
_LVCNotDetect_Volts_u10p6	
_LVCNotDetect_ms_u16p0	24622
_LVHSCDetect_Volts_u10p6	704
_LVHSCDetect_ms_u16p0	17339 1920
_LVHSCNotDetect_Volts_u10p6	
_LVHSCNotDetect_ms_u16p0	44507
_LVHSDetect_Volts_u10p6	1408
_LVHSDetect_ms_u16p0	34600
_LVHSNotDetect_Volts_u10p6	1920 28186
_LVHSNotDetect_ms_u16p0	1.11
_LVLSCDetect_Volts_u10p6	1408 15269
_LVLSCDetect_ms_u16p0	
_LVLSCNotDetect_Volts_u10p6	1920
_LVLSCNotDetect_ms_u16p0	65535
_LVLSDetect_Volts_u10p6	1408
_LVLSDetect_ms_u16p0	51680
_LVLSNotDetect_Volts_u10p6	1920
_LVLSNotDetect_ms_u16p0	23170 1408
_LVSMDetect_Volts_u10p6	
_LVSMDetect_ms_u16p0	3888
_LVSMNotDetect_Volts_u10p6	1920
_LVSMNotDetect_ms_u16p0	13527
arget_CustBattDiag_Per2_Batt_Volt_f32.value	18.6394577





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	~

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 2.109 (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_LVLSCCIr_ms_M_u32p0	58927360
CustBattDiag_LVLSCSet_ms_M_u32p0	3493360384
CustBattDiag_LVLSCIr_ms_M_u32p0	1288584448
CustBattDiag_LVLSSet_ms_M_u32p0	2967906048
CustBattDiag_LVSMClr_ms_M_u32p0	1385516288
CustBattDiag_LVSMSet_ms_M_u32p0	166213376
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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
_CustBattDiagLOIspd_kph_f32	175.040833
_CustBattDiaghispd_kph_f32	210.949509
_CustBattDiaglospd_kph_f32	487.61731
_LOIDetect_ms_u16p0	26082
_LOINotDetect_ms_u16p0	39843
_LVCDetect_Volts_u10p6	64
_LVCDetect_ms_u16p0	46277
_LVCNotDetect_Volts_u10p6	1920
z_LVCNotDetect_ms_u16p0	33419
_LVHSCDetect_Volts_u10p6	256
_LVHSCDetect_ms_u16p0	62829
	1920
C_LVHSCNotDetect_ms_u16p0	26693
k_LVHSDetect_Volts_u10p6	64

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Name	Input Value			
k_LVHSDetect_ms_u16p0	708			
k LVHSNotDetect Volts u10p6	1920			
k LVHSNotDetect ms u16p0	30247			
k LVLSCDetect Volts u10p6	64			
k LVLSCDetect ms u16p0	48478			
k LVLSCNotDetect Volts u10p6	1920			
k LVLSCNotDetect ms u16p0	27381			
k LVLSDetect Volts u10p6	64			
k LVLSDetect ms u16p0	77			
k LVLSNotDetect Volts u10p6	1920			
k_LVLSNotDetect_ms_u16p0	57120			
k LVSMDetect Volts u10p6	64			
k LVSMDetect ms u16p0	63446			
k LVSMNotDetect Volts u10p6	1920			
k LVSMNotDetect ms u16p0	6335			
target CustBattDiag Per2 Batt Volt f32.value	22.8931293			
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1			
target CustBattDiag Per2 EtatMT Cnt u08.value	6			
target CustBattDiag Per2 SttdSelected Cnt Igc.value	0			
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	1			
target CustBattDiag Per2 VehicleSpeed Kph f32.value	313.528931			
target Rte Call Ap CustBattDiag EpsEn OP GET signal	0			
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	13595			
target Rte Inst 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	8		
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_I	(ph_f32		
Name	Actual Value	Expected Value	Result	
CustBattDiag LOICIr ms M u32p0	4081391872	4081391872	~	
CustBattDiag LOISet ms M u32p0	4081391872	4081391872	~	
CustBattDiag LVCClr ms M u32p0	650359040	650359040	_	
CustBattDiag LVCSet ms M u32p0	1167997696	1167997696	~	
CustBattDiag 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_LVLSCIr_ms_M_u32p0	1288584448	1288584448		
CustBattDiag LVLSSet ms M u32p0	2967906048	2967906048	✓	
CustBattDiag_LVSMCIr_ms_M_u32p0	1385516288	1385516288	•	
CustBattDiag LVSMSet ms M u32p0	166213376	166213376	•	

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 2.110 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1513611264
CustBattDiag_LOISet_ms_M_u32p0	3652698624
CustBattDiag_LVCClr_ms_M_u32p0	928493568
CustBattDiag_LVCSet_ms_M_u32p0	0
CustBattDiag_LVHSCCIr_ms_M_u32p0	1622602752
CustBattDiag_LVHSCSet_ms_M_u32p0	4021941760
CustBattDiag_LVHSClr_ms_M_u32p0	1513611264
CustBattDiag_LVHSSet_ms_M_u32p0	3652698624
CustBattDiag_LVLSCClr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_CustBattDiagLOIspd_kph_f32	448.922821		
k_CustBattDiaghispd_kph_f32	64.4698486		
k_CustBattDiaglospd_kph_f32	277.06131		
k_LOIDetect_ms_u16p0	45186		
k_LOINotDetect_ms_u16p0	7576		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	26458		
k_LVCNotDetect_Volts_u10p6	768		
k_LVCNotDetect_ms_u16p0	24672		
k_LVHSCDetect_Volts_u10p6	576		
k_LVHSCDetect_ms_u16p0	53027		
k_LVHSCNotDetect_Volts_u10p6	768		
k_LVHSCNotDetect_ms_u16p0	17139		
k_LVHSDetect_Volts_u10p6	1984		
k_LVHSDetect_ms_u16p0	41020		
k_LVHSNotDetect_Volts_u10p6	768		
k_LVHSNotDetect_ms_u16p0	44395		
k_LVLSCDetect_Volts_u10p6	1984		
k_LVLSCDetect_ms_u16p0	10303		
k_LVLSCNotDetect_Volts_u10p6	768		
k_LVLSCNotDetect_ms_u16p0	27611		
k_LVLSDetect_Volts_u10p6	1984 5777		
k_LVLSDetect_ms_u16p0	768		
k_LVLSNotDetect_Volts_u10p6	42993		
k_LVSNotDetect_ms_u10p6	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_lc	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	4185094144	4185094144	•
CustBattDiag_LOISet_ms_M_u32p0	4185094144	4185094144	•
CustBattDiag_LVCCIr_ms_M_u32p0	928493568	928493568	
CustBattDiag_LVCSet_ms_M_u32p0	0	0	•
CustBattDiag_LVHSCClr_ms_M_u32p0	1622602752	1622602752	
CustBattDiag_LVHSCSet_ms_M_u32p0	4021941760	4021941760	•
CustBattDiag_LVHSClr_ms_M_u32p0	1513611264	1513611264	•
	3652698624	3652698624	•
CustBattDiag_LVHSSet_ms_M_u32p0		051001010	
CustBattDiag_LVHSSet_ms_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0	351881216	351881216	•
	351881216 4169230848	4169230848	-
CustBattDiag_LVLSCCIr_ms_M_u32p0			•
CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	4169230848	4169230848	•
CustBattDiag_LVLSCCIr_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	4169230848 3999796224	4169230848 3999796224	

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 2.111 (Repeat Count = 1)	Immut Value		
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	3967230720 3221191936		
CustBattDiag_LVCCIr ms M u32p0	1482142464		
CustBattDiag_LVCSet_ms_M_u32p0	4294967295		
CustBattDiag_LVHSCClr_ms_M_u32p0	1581901568		
CustBattDiag_LVHSCSet_ms_M_u32p0	2009653504		
CustBattDiag_LVHSClr_ms_M_u32p0	3967230720		
CustBattDiag_LVHSSet_ms_M_u32p0	3221191936		
CustBattDiag_LVLSCClr_ms_M_u32p0	3822250752		
CustBattDiag_LVLSCSet_ms_M_u32p0	4232217856		
CustBattDiag_LVLSCIr_ms_M_u32p0	2006359808		
CustBattDiag_LVLSSet_ms_M_u32p0	662853888		
CustBattDiag_LVSMCIr_ms_M_u32p0	2316709632		
CustBattDiag_LVSMSet_ms_M_u32p0	3943721216	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		Time
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	222.40567		
<pre>c_CustBattDiaghispd_kph_f32</pre>	474.570374		
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		
<_LVHSCDetect_Volts_u10p6	64		
<pre><lvhscdetect_ms_u16p0 <lvhscnotdetect_volts_u10p6<="" pre=""></lvhscdetect_ms_u16p0></pre>	42395 1792		
CLVHSCNotDetect_voils_u10p0 VEX. LVHSCNotDetect ms_u16p0	17701		
k_LVHSDetect_Volts_u10p6	1536		
k_LVHSDetect_ms_u16p0	50929		
k_LVHSNotDetect_Volts_u10p6	1792		
k_LVHSNotDetect_ms_u16p0	51548		
k_LVLSCDetect_Volts_u10p6	1536		
k_LVLSCDetect_ms_u16p0	18296		
k_LVLSCNotDetect_Volts_u10p6	1792		
k_LVLSCNotDetect_ms_u16p0	37915		
k_LVLSDetect_Volts_u10p6	1536		
k_LVLSDetect_ms_u16p0	55074		
k_LVLSNotDetect_Volts_u10p6	1792 63865		
k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6	1536		
< LVSMDetect ms u16p0	59437		
< LVSMNotDetect Volts u10p6	1792		
< LVSMNotDetect ms u16p0	39761		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	22.471489		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	362.391815		
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			
target_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			
erret Die Inst An CustDattDies CourtDattDies D. C. V. 11 C	target_CustBattDiag_Per2_VehicleSpeed_K		
		Expected Value	Resu
Name	Actual Value	•	
Name CustBattDiag_LOICIr_ms_M_u32p0	455367424	455367424	
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	455367424 3221191936	455367424 3221191936	
Name CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	455367424 3221191936 455367424	455367424 3221191936 455367424	
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	455367424 3221191936 455367424 4294967295	455367424 3221191936 455367424 4294967295	
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_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	455367424 3221191936 455367424	455367424 3221191936 455367424	

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CustBattDiag_LVHSClr_ms_M_u32p0





Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	3221191936	3221191936	✓
CustBattDiag_LVLSCCIr_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	~

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	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_LVHSClr_ms_M_u32p0	981817856
CustBattDiag_LVHSSet_ms_M_u32p0	3923004416
CustBattDiag_LVLSCClr_ms_M_u32p0	1569849856
CustBattDiag_LVLSCSet_ms_M_u32p0	3945477120
CustBattDiag_LVLSClr_ms_M_u32p0	2182538752
CustBattDiag_LVLSSet_ms_M_u32p0	3787175936
CustBattDiag_LVSMClr_ms_M_u32p0	2094544384
CustBattDiag_LVSMSet_ms_M_u32p0	592545792
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
k_CustBattDiagLOIspd_kph_f32	110.50808
k_CustBattDiaghispd_kph_f32	69.7216034
k_CustBattDiaglospd_kph_f32	165.627121
k_LOIDetect_ms_u16p0	58678
k_LOINotDetect_ms_u16p0	23851
k_LVCDetect_Volts_u10p6	1408
k_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_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	, 11.30.27+0330		Razorcat
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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K	oh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOIClr_ms_M_u32p0	157135360	157135360	✓
CustBattDiag_LOISet_ms_M_u32p0	157135360	157135360	✓
CustBattDiag_LVCCIr_ms_M_u32p0	3978537472	3978537472	✓
CustBattDiag_LVCSet_ms_M_u32p0	1932762112	1932762112	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	2501709312	2501709312	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	352854016	352854016	✓
CustBattDiag_LVHSClr_ms_M_u32p0	981817856	981817856	✓
CustBattDiag_LVHSSet_ms_M_u32p0	3923004416	3923004416	✓

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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Test Step 2.113 (Repeat Count = 1)	▼
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1911993600
CustBattDiag_LOISet_ms_M_u32p0	2253512448
CustBattDiag_LVCCIr_ms_M_u32p0	0
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_LVHSSet_ms_M_u32p0	2253512448
CustBattDiag_LVLSCCIr_ms_M_u32p0	1836104960
CustBattDiag_LVLSCSet_ms_M_u32p0	3756861184
CustBattDiag_LVLSClr_ms_M_u32p0	2691830016
CustBattDiag_LVLSSet_ms_M_u32p0	3544947456
CustBattDiag_LVSMClr_ms_M_u32p0	426647808
CustBattDiag_LVSMSet_ms_M_u32p0	1774856960
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	351.735474
k_CustBattDiaghispd_kph_f32	186.596985
k_CustBattDiaglospd_kph_f32	156.194519
k_LOIDetect_ms_u16p0	11979
k_LOINotDetect_ms_u16p0	25508

CustBattDiag_Per2

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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_Elap	10617		
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	Result
CustBattDiag LOICIr ms M u32p0	1959636224	1959636224	Result
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 CustBattDiag_LVHSCSet_ms_M_u32p0	1959636224	1959636224	_
CustBattDiag LVHSClr ms M u32p0	1911993600	1911993600	
CustBattDiag_LVHSSet_ms_M_u32p0	2253512448	2253512448	
CustBattDiag_LVRSSet_fils_M_u32p0 CustBattDiag_LVLSCCIr_ms_M_u32p0	1836104960	1836104960	
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0	1959636224	1959636224	
CustBattDiag_LVLSCSet_rns_M_u32p0 CustBattDiag_LVLSCIr ms_M_u32p0	2691830016	2691830016	
	3544947456	3544947456	-
CustBattDiag_LVLSSet_ms_M_u32p0			
CustBattDiag_LVSMClr_ms_M_u32p0	426647808	426647808	•

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	_

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Test Step 2.114 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3603866624

CustBattDiag_LVSMSet_ms_M_u32p0

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CustBattDiag_Per2

		(= = 10	<i>)</i> 0
Name	Input Value		
CustBattDiag_LOISet_ms_M_u32p0	1390749184		
CustBattDiag_LVCClr_ms_M_u32p0	4294967295		
CustBattDiag_LVCSet_ms_M_u32p0	1966503424		
CustBattDiag_LVHSCCIr_ms_M_u32p0	658765824		
CustBattDiag_LVHSCSet_ms_M_u32p0	1708628480		
CustBattDiag_LVHSClr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	3603866624 1390749184		
CustBattDiag_LVLSCCIr_ms_M_u32p0	914394112		
CustBattDiag_LVLSCSet_ms_M_u32p0	2905820672		
CustBattDiag_LVLSClr_ms_M_u32p0	4224487424		
CustBattDiag_LVLSSet_ms_M_u32p0	2380788224		
CustBattDiag_LVSMCIr_ms_M_u32p0	1427660800		
CustBattDiag_LVSMSet_ms_M_u32p0	3098296832		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		
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_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_Dt			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 Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	target_Rte_Inst_Ap_CustBattDiag_2 2		
k_CustBattDiagLOIspd_kph_f32	135.886963		
k_CustBattDiaghispd_kph_f32	18.9212227		
k_CustBattDiaglospd_kph_f32	171.811356		
k_LOIDetect_ms_u16p0	2456		
k_LOINotDetect_ms_u16p0	29923		
k_LVCDetect_Volts_u10p6	704		
k_LVCDetect_ms_u16p0	53693		
k_LVCNotDetect_Volts_u10p6	0		
k_LVCNotDetect_ms_u16p0	960		
k_LVHSCDetect_Volts_u10p6 k_LVHSCDetect_ms_u16p0	32654		
k_LVHSCNotDetect_Volts_u10p6	0		
k_LVHSCNotDetect_ms_u16p0	33675		
k_LVHSDetect_Volts_u10p6	704		
k_LVHSDetect_ms_u16p0	62683		
k_LVHSNotDetect_Volts_u10p6	0		
k_LVHSNotDetect_ms_u16p0	44068		
k_LVLSCDetect_Volts_u10p6	704		
k_LVLSCDetect_ms_u16p0	8453		
k_LVLSCNotDetect_Volts_u10p6	0 57065		
k_LVLSCNotDetect_ms_u16p0 k_LVLSDetect_Volts_u10p6	704		
k_LVLSDetect_ms_u16p0	19844		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	4696		
k_LVSMDetect_Volts_u10p6	704		
k_LVSMDetect_ms_u16p0	32968		
k_LVSMNotDetect_Volts_u10p6	0		
k_LVSMNotDetect_ms_u16p0	45315		
target_CustBattDiag_Per2_Batt_Volt_f32.value	7.66467905		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value target CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	10		
target_CustBattDiag_Per2_SttoSelected_Cnt_lgc.value target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	446.359222		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	10813		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	2735104		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_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	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgtarget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeedVal target_CustBattDiag_Per2_VehicleSpeed_Kp		
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	3603866624	3603866624	IX6201
CustBattDiag_LOICii_nis_wi_u32p0 CustBattDiag_LOICii_nis_wi_u32p0	2735104	2735104	
CustBattDiag LVCClr ms M u32p0	4294967295	4294967295	
CustBattDiag_LVCSet_ms_M_u32p0	2735104	2735104	
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	•
CustBattDiag_LVLSCCIr_ms_M_u32p0	914394112	914394112	
CustBattDiag LVLSCSet ms M u32p0	2735104	2735104	

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 $CustBattDiag_LVLSCSet_ms_M_u32p0$

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

T				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_LVCClr_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(CurrentTim	
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
COLOIDatect ms u16p0	33421
: LOINotDetect_ms_u16p0	33571
	320
C_LVCDetect_Volts_u10p6	63388
_LVCNetPotest_Value_ut0n6	11111
_LVCNotDetect_Volts_u10p6	1088
_LVCNotDetect_ms_u16p0	30320
_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
_LVLSCDetect_Volts_u10p6	320
_LVLSCDetect_ms_u16p0	13493
_LVLSCNotDetect_Volts_u10p6	1088
_LVLSCNotDetect_ms_u16p0	59393
_LVLSDetect_Volts_u10p6	320
_LVLSDetect_ms_u16p0	23513
_LVLSNotDetect_Volts_u10p6	1088
_LVLSNotDetect_ms_u16p0	26966
z_LVSMDetect_Volts_u10p6	320
z_LVSMDetect_ms_u16p0	49838
c_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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	nt_lg target_CustBattDiag_Per2_VehicleSpeedValid_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	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				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 2.116 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	1534213632
CustBattDiag_LOISet_ms_M_u32p0	487378944
CustBattDiag_LVCClr_ms_M_u32p0	2290716160
CustBattDiag_LVCSet_ms_M_u32p0	1516806144
CustBattDiag_LVHSCCIr_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_LVSMCIr_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_u1	6(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(C	CurrentTime) target_Rte_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	45.8010101
CustBattDiaghispd_kph_f32	474.622345
CustBattDiaglospd_kph_f32	331.797852
_LOIDetect_ms_u16p0	27547
_LOINotDetect_ms_u16p0	33392
_LVCDetect_Volts_u10p6	512
_LVCDetect_ms_u16p0	41963
_LVCNotDetect_Volts_u10p6	512
_LVCNotDetect_ms_u16p0	29706
c_LVHSCDetect_Volts_u10p6	1472
LVHSCDetect ms u16p0	34754

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CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448				
K_LVHSDebect_Usls_uripsp	Name	Input Value		
K_LVHSDebect_Usls_uripsp	k LVHSCNotDetect Volts u10p6	512		
K_LVHSNoDbetcd_Voils_u10p6		6356		
	k LVHSDetect Volts u10p6	512		
K_UNSCOBeted_voils_u10p6	k LVHSDetect ms u16p0	65464		
K_LVLSCODeted_volts_u10p6	k LVHSNotDetect Volts u10p6	512		
K_LVS.ChoteLet_ms_u16p0	k LVHSNotDetect ms u16p0	42100		
ELVIS.CONIDERECT, volta, v10p6 512 11014	k LVLSCDetect Volts u10p6	512		
k_LVLSCNotDetect_vois_u10p6 k_LVLSDetect_vois_u10p6 s12 k_LVSNotDetect_vois_u10p6 s2 size_cusBattDiag_Per2_Veis_size_size_size_size_size_size_size_s	k_LVLSCDetect_ms_u16p0	11219		
k_LVI.SDetect_voits_u10p6	k_LVLSCNotDetect_Volts_u10p6	512		
k_LV.S.NoiDetect_Volts_u10p6	k_LVLSCNotDetect_ms_u16p0	11014		
k_LVLSNotDetect_ms_utlpg0	k_LVLSDetect_Volts_u10p6	512		
K_LV\SNblotect_ms_u16p0	k_LVLSDetect_ms_u16p0	12423		
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_EtaMT_Cnf_u08_value 1 target_CustBattDiag_Per2_EtaMT_Cnf_u08_value 0 target_CustBattDiag_Per2_VehicleSpeed Valid_Cnf_lgc_value 0 target_CustBattDiag_Per2_VehicleSpeed Vfb_f122_value 60 target_Ric_Call_Ap_CustBattDiag_EpsEn_OP_SET_signal 0 target_Ric_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap_Rate_Ric_Call_Ap_CustBattDiag_SystemTime_OetSystemTime_ms_u32_Current 54868 target_Ric_Call_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Ent_Ton_Cn_Llgc target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Ent_Ton_Cn_UBs target_Ric_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed/Ind_Cn_Lig target_CustBattDiag_Per2_Ent_Ton_Cn_UBs target_Ric_Inst_Ap_CustBattDiag_CustBattDiag_Per2_VehicleSpeed_Kpf_f32 Name Actual Value Expected Value LustBattDiag_LOISet_ms_M_u32p0 3513128448 3513128448 <	k_LVLSNotDetect_Volts_u10p6	512		
k_LVSMDetect_ms_u16p0 31272 k_LVSMNObetect_vis_u10p6 512 k_USMNObetect_ms_u16p0 2670 target_CustBattDiag_Per2_East_Volt_32_value 20.3068807 target_CustBattDiag_Per2_EastNT_Cnt_u08 value 1 target_CustBattDiag_Per2_EstMT_Cnt_u08 value 14 target_CustBattDiag_Per2_VehicleSpeed Valid_Cnt_lgc_value 0 target_CustBattDiag_Per2_VehicleSpeed Valid_Cnt_lgc_value 63.3888855 target_Rie_Call_Ap_CustBattDiag_SperEn_CP_GETF_signal 0 target_Rie_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u16_Eup 54868 target_Rie_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u32_Curent 3513128448 target_Rie_Inst_Ap_CustBattDiag_Sut_voit_sper2_Fell_Cnt_lgc target_CustBattDiag_Per2_East_voit_sper2_Fell_CustBattDiag_Per2_East_voit_sper2_Fell_per2_Engon_Cnt_lgc target_Rie_Inst_Ap_CustBattDiag_Sut_voit_sper2_VehicleSpeed_Valid_Cnt_lgc target_CustBattDiag_Per2_East_Not_lgc target_Rie_Inst_Ap_CustBattDiag_Sut_voit_sper2_VehicleSpeed_Valid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_lgc target_Rie_Inst_Ap_CustBattDiag_Sut_voit_sper2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value CustBattDiag_LVSE_ms_M_u32p0 <td>k_LVLSNotDetect_ms_u16p0</td> <td>54312</td> <td></td> <td></td>	k_LVLSNotDetect_ms_u16p0	54312		
k_LVSMNotDetect_volts_u1op6 512 k_LVSMNotDetect_ms_u1op0 2670 target_CustBattDiag_Per2_Batt_Volt_f32_value 20,3068907 target_CustBattDiag_Per2_EtatNT_Cnt_u08_value 1 target_CustBattDiag_Per2_EtatNT_Cnt_u08_value 14 target_CustBattDiag_Per2_VerbicleSpeed_Volt_Gc_value 0 target_CustBattDiag_Per2_VerbicleSpeed_Volt_Gc_value 63.3888855 target_Ric_Call_Ap_CustBattDiag_EpsEr_OP_GET_signal 0 target_Ric_Call_Ap_CustBattDiag_SystemTime_DitrinnElapsedTime_ms_u16_Elap 64966 target_Ric_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u3c_Current 3513128448 target_Ric_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u16_Elap 44966 target_Ric_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u16_Elap 4513128448 target_Ric_Inst_Ap_CustBattDiag_SystemTime_DitrinnElapsedTime_ms_u16_Elap 44966 target_Ric_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u16_Elap 44966 target_Ric_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_ms_u16_Elap 44966 target_Ric_Inst_Ap_CustBattDiag_SystemTime_Der2_ElatintT_Cnt_u08 44966 target_Ric_Inst_Ap_CustBattDiag_SystemTime_Der2_ElapOn_Cnt_lgc 44966 target_CustBattDiag_Lor_CustBattDiag_SystemTim	k_LVSMDetect_Volts_u10p6	512		
K_LVSMNotDetect_ms_u16p0 2670 20.066807 20.066	k_LVSMDetect_ms_u16p0	31272		
target_CustBattDiag_Per2_Batt_Volt_f32_value 1 target_CustBattDiag_Per2_EngOn_Cnt_lgc-value 1 target_CustBattDiag_Per2_EntMT_Cnt_u08_value 1 target_CustBattDiag_Per2_StdSelected_Cnt_lgc-value 0 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_value 0 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_value 0 target_Re_Call_Ap_CustBattDiag_Spest_OP_CET_signal 0 target_Re_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_ms_u16_Elap 0 target_Re_Call_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u12_Current 1 target_Re_Call_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u12_Current 1 target_Re_Inst_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u12_Current 1 target_Re_Inst_Ap_CustBattDiag_SystemTime_CetSystemTime_ms_u12_Current 1 target_Re_Inst_Ap_CustBattDiag_Per2_Eat_Volt_f32 target_Re_Inst_Ap_CustBattDiag_Per2_Eat_Volt_f32 target_Re_Inst_Ap_CustBattDiag_Per2_Eat_Volt_f32 target_Re_Inst_Ap_CustBattDiag_Per2_EstamT_Cnt_u08 target_Re_Inst_Ap_CustBattDiag_Per2_EstamT_cnt_u08 target_Re_Inst_Ap_CustBattDiag_Per2_EstamT_cnt_u08 target_Re_Inst_Ap_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_Re_Inst_Ap_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_Re_Inst_Ap_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_Re_Inst_Ap_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_Re_Inst_Ap_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_Re_Inst_Ap_CustBattDiag_Per2_VehicleSpeedVall_Cnt_lgc target_Re_I	k_LVSMNotDetect_Volts_u10p6	512		
target_CustBattDiag_Per2_EngOn_Cnt_lgc value 14 target_CustBattDiag_Per2_EsttAMT_Cnt_u08 value 14 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc value 0 target_CustBattDiag_Per2_VerbicleSpeed_Kph_f92_value 63.3888855 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 1 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtmnEliapsedTime_mS_u16_Eliap 64966 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 1 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 1 target_Rte_Call_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_Batt_Volt_f32 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EtatMT_Cnt_u08 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Per2_SttdSelected_Cnt_lgc 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VerbicleSpeedValid_Cnt_lgc 1 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VerbicleSpeed_Rph_f32 1 Name	k_LVSMNotDetect_ms_u16p0	2670		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	target_CustBattDiag_Per2_Batt_Volt_f32.value	20.3066807		
target_CustBattDiag_Per2_VehicleSpeed_Khp_f32_value target_CustBattDiag_Per2_VehicleSpeed_Khp_f32_value target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DimmElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current straget_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current straget_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EpsOn_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_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_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Result CustBattDiag_LVCCir_ms_M_u32p0 3513128448 3513128448 4513128448	target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value 63.3888855 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal 64966 target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrumclapsedTime_mS_u16_Elap 64966 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 64966 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 64966 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 64966 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_Batt_Volt_f32 64966 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_EntMT_Cnt_u08 64966 target_CustBattDiag_Per2_Batt_Volt_f32 64966 target_CustBattDiag_Per2_EntMT_Cnt_u08 64966 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc 649	target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32_value 63.3888855	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtmmtElapsedTime_mS_u16_Elap target_Rte_Call_Ap_CustBattDiag_SystemTime_DtmmtElapsedTime_mS_u32_Current target_Rte_Inst_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_GetSystemTime_Su32_Current target_Rte_Inst_Ap_CustBattDiag_2CustBattDiag_Per2_Eatt_Volt_f32 target_Rte_Inst_Ap_CustBattDiag_2CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2CustBattDiag_Per2_EngOn_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2CustBattDiag_Per2_EstdMCont_Igc target_Rte_Inst_Ap_CustBattDiag_2CustBattDiag_Per2_StdSelected_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 3513128448 3513128448 3513128448 401313128448 401313128448 401313128448 401313128448 401313128448 401313128448 401313128448 401313128448 401313128448 401313128448 401313128448 401313128448 40131333612544 4013136312 4013136312 4013136312 4013136312 4013136312 4013136312 4013136312 4013136312 4013136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 40131363136312 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 401313631376 40131631376	target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 64966 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 3513128448 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_End* Voit_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_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc target_Rte_Inst_Ap_CustBattDiag_2_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value Result Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LVCCir_ms_M_u32p0 2290716160 2290716160 2290716160 CustBattDiag_LVHSCet_ms_M_u32p0 1504850432 1504850432 4 CustBattDiag_LVHSCet_ms_M_u32p0 1534213632 1534213632 4 CustBattDiag_LVHSCet_ms_M_u32p0 1534213632 1534213632 4	target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	63.3888855		
target_Rte_Call_Ap_CustBattDiag_SystemTime_mS_u32_Current 3513128448 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_EntMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_Per2_EntMT_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_lcc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lcc 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 3513128448 3513128448 4 CustBattDiag_LVCCIr_ms_M_u32p0 2290716160 2290716160 2290716160 CustBattDiag_LVHSCCIr_ms_M_u32p0 1518806144 1518806144 4 CustBattDiag_LVHSCir_ms_M_u32p0 1534213632 1534213632 4 CustBattDiag_LVHSCir_ms_M_u32p0 1534213632 1534213632 4 CustBattDiag_LVHSCir_ms_M_u32p0 487378944 487378944 487378944 CustBattDiag_LVLSCir_	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
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_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_Per2_EtatMT_Cnt_u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08 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_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LVCSet_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LVCSet_ms_M_u32p0 1516806144 1516806144 4 CustBattDiag_LVHSCet_ms_M_u32p0 1504850432 1504850432 4 CustBattDiag_LVHSCset_ms_M_u32p0 1534213632 1534213632 4 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 4 CustBattDiag_LVLSCet_ms_M_u32p0 16872928 16872928 CustBattDiag_LVLSCet_ms_M_u32p0 1346341376 </td <td>$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSuperscript{0.00000000000000000000000000000000000$</td> <td>64966</td> <td></td> <td></td>	$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSuperscript{0.00000000000000000000000000000000000$	64966		
target_Rte_Inst_Ap_CustBattDiag_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_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 \$3513128448 \$3513128448 CustBattDiag_LVCSet_ms_M_u32p0 2290716160 2290716160 2290716160 2290716160 CustBattDiag_LVHSCIr_ms_M_u32p0 1504850432 1504850432 1504850432 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 20154213632 CustBattDiag_LVHSCir_ms_M_u32p0 487378944 487378944 487378944 CustBattDiag_LVLSCCir_ms_M_u32p0 4887378424 487378424 4277364224 4277364224 4277364224 4277364224 <t< td=""><td>$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemT$</td><td>3513128448</td><td></td><td></td></t<>	$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u332_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemT$	3513128448		
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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_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 3513128448 CustBattDiag_LVCCIr_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LVCSet_ms_M_u32p0 2290716160 2290716160 200716160	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lectarget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LOISet_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LVCCIr_ms_M_u32p0 2290716160 2290716160 2290716160 CustBattDiag_LVCSet_ms_M_u32p0 1516806144 1516806144 4 CustBattDiag_LVHSCCIr_ms_M_u32p0 1504850432 1504850432 4 CustBattDiag_LVHSCSet_ms_M_u32p0 3333612544 3333612544 3333612544 4 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 4 4 CustBattDiag_LVHSSet_ms_M_u32p0 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 4277364224 427364341376 436341376 436341376 436341376 4363413	*	, , , , , , , , , , , , , , , , , , , ,		
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 3513128448 3513128448 4 CustBattDiag_LOISet_ms_M_u32p0 3513128448 3513128448 5313128448	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
Name Actual Value Expected Value Result CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LOISet_ms_M_u32p0 3513128448 3513128448 4 CustBattDiag_LVCCIr_ms_M_u32p0 2290716160 2290716160 2290716160 4 CustBattDiag_LVCSet_ms_M_u32p0 1516806144 1516806144 1516806144 4 CustBattDiag_LVHSCCIr_ms_M_u32p0 1504850432 1504850432 4 4 CustBattDiag_LVHSCSet_ms_M_u32p0 1534213632 1534213632 4	$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc	
CustBattDiag_LOICIr_ms_M_u32p0 3513128448 3513128448 CustBattDiag_LOISet_ms_M_u32p0 3513128448 3513128448 CustBattDiag_LVCCIr_ms_M_u32p0 2290716160 2290716160 CustBattDiag_LVCSet_ms_M_u32p0 1516806144 1516806144 CustBattDiag_LVHSCCIr_ms_M_u32p0 1504850432 1504850432 CustBattDiag_LVHSCSet_ms_M_u32p0 3333612544 3333612544 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCSet_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kp	oh_f32	
CustBattDiag_LOISet_ms_M_u32p0 3513128448 3513128448 CustBattDiag_LVCCIr_ms_M_u32p0 2290716160 2290716160 CustBattDiag_LVCSet_ms_M_u32p0 1516806144 1516806144 CustBattDiag_LVHSCCIr_ms_M_u32p0 1504850432 1504850432 CustBattDiag_LVHSCSet_ms_M_u32p0 3333612544 3333612544 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	Name	Actual Value	Expected Value	Result
CustBattDiag_LVCCIr_ms_M_u32p0 2290716160 2290716160 CustBattDiag_LVCSet_ms_M_u32p0 1516806144 1516806144 CustBattDiag_LVHSCCIr_ms_M_u32p0 1504850432 1504850432 CustBattDiag_LVHSCSet_ms_M_u32p0 3333612544 3333612544 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LOICIr_ms_M_u32p0	3513128448	3513128448	✓
CustBattDiag_LVCSet_ms_M_u32p0 1516806144 1516806144 CustBattDiag_LVHSCCIr_ms_M_u32p0 1504850432 1504850432 CustBattDiag_LVHSCSet_ms_M_u32p0 3333612544 3333612544 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LOISet_ms_M_u32p0	3513128448	3513128448	•
CustBattDiag_LVHSCCIr_ms_M_u32p0 1504850432 1504850432 CustBattDiag_LVHSCSet_ms_M_u32p0 3333612544 3333612544 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LVCClr_ms_M_u32p0	2290716160	2290716160	→
CustBattDiag_LVHSCSet_ms_M_u32p0 3333612544 3333612544 CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LVCSet_ms_M_u32p0	1516806144	1516806144	•
CustBattDiag_LVHSCIr_ms_M_u32p0 1534213632 1534213632 CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LVHSCCIr_ms_M_u32p0	1504850432	1504850432	
CustBattDiag_LVHSSet_ms_M_u32p0 487378944 487378944 CustBattDiag_LVLSCCIr_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_LVSMCir_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LVHSCSet_ms_M_u32p0	3333612544	3333612544	
CustBattDiag_LVLSCCIr_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_LVSMCIr_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LVHSClr_ms_M_u32p0	1534213632	1534213632	
CustBattDiag_LVLSCSet_ms_M_u32p0 168572928 168572928 CustBattDiag_LVLSCIr_ms_M_u32p0 1346341376 1346341376 CustBattDiag_LVLSSet_ms_M_u32p0 3540384768 3540384768 CustBattDiag_LVSMCIr_ms_M_u32p0 1080678912 1080678912				
CustBattDiag_LVLSCIr_ms_M_u32p0 1346341376 1346341376 CustBattDiag_LVLSSet_ms_M_u32p0 3540384768 3540384768 CustBattDiag_LVSMCIr_ms_M_u32p0 1080678912 1080678912				-
CustBattDiag_LVLSSet_ms_M_u32p0 3540384768 3540384768 CustBattDiag_LVSMCIr_ms_M_u32p0 1080678912 1080678912	CustBattDiag_LVLSCSet_ms_M_u32p0	168572928	168572928	
CustBattDiag_LVSMCIr_ms_M_u32p0 1080678912 1080678912				
100010012	 			
CustBattDiag_LVSMSet_ms_M_u32p0 0				-
	CustBattDiag_LVSMSet_ms_M_u32p0	0	0	<u> </u>

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 2.117 (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	

CustBattDiag Per2

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Input Value CustBattDiag_LVSMSet_ms_M_u32p0 4294967295 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal) target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal $target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime$ $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ $Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$ 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 200.30809 $k_CustBattDiaghispd_kph_f32$ 507.012238 k_CustBattDiaglospd_kph_f32 488.426727 k LOIDetect ms u16p0 25772 13924 k_LOINotDetect_ms_u16p0 k LVCDetect Volts u10p6 768 62779 k_LVCDetect_ms_u16p0 k LVCNotDetect Volts u10p6 1536 k_LVCNotDetect_ms_u16p0 65304 1216 k LVHSCDetect Volts u10p6 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 29774 k LVLSNotDetect ms u16p0 k LVSMDetect Volts u10p6 768 k LVSMDetect ms u16p0 35893 k_LVSMNotDetect_Volts_u10p6 1536 40474 k_LVSMNotDetect_ms_u16p0 6.61948824 target_CustBattDiag_Per2_Batt_Volt_f32.value target_CustBattDiag_Per2_EngOn_Cnt_lgc.value 0 $target_CustBattDiag_Per2_EtatMT_Cnt_u08.value$ target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value target CustBattDiag Per2 VehicleSpeedValid Cnt lgc.value target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value 272.663361 target Rte Call Ap CustBattDiag EpsEn OP GET signal target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap 11164 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 725909760 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32$ $target_CustBattDiag_Per2_Batt_Volt_f32$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EngOn_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08$ target CustBattDiag Per2 EtatMT Cnt u08 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering and the property of the$ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name **Actual Value** Expected Value Result CustBattDiag_LOICIr_ms M u32p0 1337985280 1337985280 CustBattDiag_LOISet_ms_M_u32p0 1673024256 1673024256 CustBattDiag_LVCClr_ms_M_u32p0 163191040 163191040 CustBattDiag_LVCSet_ms_M_u32p0 2665800448 2665800448 CustBattDiag_LVHSCCIr_ms_M_u32p0 1976577280 1976577280 $CustBattDiag_LVHSCSet_ms_M_u32p0$ 1209407232 1209407232 CustBattDiag_LVHSClr_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 CustBattDiag_LVLSClr_ms_M_u32p0 725909760 725909760 3984379648 3984379648 CustBattDiag LVLSSet ms M u32p0 CustBattDiag_LVSMClr_ms_M_u32p0 2454271232 2454271232

4294967295

4294967295

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	~	
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_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	4044701696	4044701696	~
CustBattDiag_LOISet_ms_M_u32p0	4044701696	4044701696	~
CustBattDiag_LVCCIr_ms_M_u32p0	3390339072	3390339072	~
CustBattDiag_LVCSet_ms_M_u32p0	171710976	171710976	~
CustBattDiag_LVHSCClr_ms_M_u32p0	656555008	656555008	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4044701696	4044701696	~
CustBattDiag_LVHSClr_ms_M_u32p0	3150096384	3150096384	~
CustBattDiag_LVHSSet_ms_M_u32p0	2508311040	2508311040	~
CustBattDiag_LVLSCCIr_ms_M_u32p0	4086108160	4086108160	~
CustBattDiag_LVLSCSet_ms_M_u32p0	4044701696	4044701696	~
CustBattDiag_LVLSClr_ms_M_u32p0	1037718528	1037718528	~
CustBattDiag_LVLSSet_ms_M_u32p0	3039057408	3039057408	~
CustBattDiag_LVSMClr_ms_M_u32p0	3755418624	3755418624	~
CustBattDiag_LVSMSet_ms_M_u32p0	3753833984	3753833984	~

_				
l 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	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_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_LVHSCCIr_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_LVSMClr_ms_M_u32p0	0
CustBattDiag_LVSMSet_ms_M_u32p0	4008825088
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	109.648033
k_CustBattDiaghispd_kph_f32	189.885803
k_CustBattDiaglospd_kph_f32	375.930176
k_LOIDetect_ms_u16p0	19093
k_LOINotDetect_ms_u16p0	23041
k_LVCDetect_Volts_u10p6	1408
k_LVCDetect_ms_u16p0	27291
k_LVCNotDetect_Volts_u10p6	1920
k_LVCNotDetect_ms_u16p0	31572
k_LVHSCDetect_Volts_u10p6	1280
k_LVHSCDetect_ms_u16p0	21316
k_LVHSCNotDetect_Volts_u10p6	1920
k_LVHSCNotDetect_ms_u16p0	4148
k_LVHSDetect_Volts_u10p6	1408

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CustBattDiag_Per2

CusibaliDiag_Fer2			TOIL CITY	U
Name	Input Value			
k_LVHSDetect_ms_u16p0	30247			
k LVHSNotDetect Volts u10p6	1920			
k LVHSNotDetect ms u16p0	52527			
k_LVLSCDetect_Volts_u10p6	1408			
k LVLSCDetect ms u16p0	38647			
k LVLSCNotDetect Volts u10p6	1920			
k LVLSCNotDetect ms u16p0	64515			
k_LVLSDetect_Volts_u10p6	1408			
k_LVLSDetect_ms_u16p0	29661			
k LVLSNotDetect Volts u10p6	1920			
k LVLSNotDetect ms u16p0	56918			
k_LVSMDetect_Volts_u10p6	1408			
k LVSMDetect ms u16p0	51141			
k LVSMNotDetect Volts u10p6	1920			
k_LVSMNotDetect_ms_u16p0	14787			
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.6132193			
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1			
target CustBattDiag Per2 EtatMT Cnt u08.value	2			
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	63.2356644			
target Rte Call Ap CustBattDiag EpsEn OP GET signal	1			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	23271			
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current				
target Rte Inst 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	oh_f32		
Name	Actual Value	Expected Value	Re	esult
CustBattDiag_LOICIr_ms_M_u32p0	3579773696	3579773696		~
CustBattDiag LOISet ms M u32p0	3579773696	3579773696		✓
CustBattDiag LVCCIr 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		~
CustBattDiag_LVLSCSet_ms_M_u32p0	1974562048	1974562048		✓
CustBattDiag LVLSCIr ms M u32p0	207603456	207603456		~
CustBattDiag LVLSSet ms M u32p0	1225376000	1225376000		✓
CustBattDiag_LVSMClr_ms_M_u32p0	0	0		~
CustBattDiag LVSMSet ms M u32p0	4008825088	4008825088		✓
NTC_Cnt_T_enum	0xE8	0xE8		~
Param_Cnt_T_u08	0x00	0x00		✓
Status_Cnt_T_enum	0x00	0x00		~
NTC_Cnt_T_enum	0xE3	0xE3		✓
Param_Cnt_T_u08	0x01	0x01		~
Status Cat T anum	0.01	0v01		-

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

0x01

0x01

Status_Cnt_T_enum





Test Step 2.120 (Repeat Count = 1)	Invest Value		,
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	161899008		
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	2536412160 3339104768		
CustBattDiag_LVCSet_ms_M_u32p0	1648059392		
CustBattDiag_LVHSCCIr_ms_M_u32p0	606246400		
CustBattDiag_LVHSCSet_ms_M_u32p0	3069896704		
CustBattDiag_LVHSCIr_ms_M_u32p0	161899008		
CustBattDiag_LVHSSet_ms_M_u32p0	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_LVSMCIr_ms_M_u32p0	4294967295		
CustBattDiag_LVSMSet_ms_M_u32p0	3209515008	OD OFT singel	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		odTimo
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTin Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT		
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	inic_cotoyotemrinic_mo_uo2_current	
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
CustBattDiagLOIspd_kph_f32	61.2756348		
CustBattDiaghispd_kph_f32	89.39888		
CustBattDiaglospd_kph_f32	251.732712		
_LOIDetect_ms_u16p0	40657		
_LOINotDetect_ms_u16p0	47269		
_LVCDetect_Volts_u10p6	0		
_LVCDetect_ms_u16p0	11840		
_LVCNotDetect_Volts_u10p6	768		
_LVCNotDetect_ms_u16p0	47148		
_LVHSCDetect_Volts_u10p6	1792 33797		
_LVHSCDetect_ms_u16p0 _LVHSCNotDetect_Volts_u10p6	768		
LVHSCNotDetect ms u16p0	846		
_LVHSDetect_Volts_u10p6	0		
LVHSDetect_ms_u16p0	20860		
 _LVHSNotDetect_Volts_u10p6	768		
z_LVHSNotDetect_ms_u16p0	21883		
LVLSCDetect_Volts_u10p6	0		
_LVLSCDetect_ms_u16p0	42844		
_LVLSCNotDetect_Volts_u10p6	768		
x_LVLSCNotDetect_ms_u16p0	59599		
_LVLSDetect_Volts_u10p6	0		
_LVLSDetect_ms_u16p0	46281 768		
_LVLSNotDetect_Volts_u10p6 _LVLSNotDetect_ms_u16p0	35062		
LVSMDetect Volts u10p6	0		
LVSMDetect ms u16p0	41266		
_LVSMNotDetect_Volts_u10p6	768		
_LVSMNotDetect_ms_u16p0	25041		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	31		
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	0		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	28.5525455		
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_Curren			
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 arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08		
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatWi1_Crit_u06 arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_EtatW1_Cft_uoc target_CustBattDiag_Per2_SttdSelected_Cr		
arget_Rte_Inst_Ap_custbattDiag_2.CustbattDiag_Per2_VehicleSpeedValid_Cnt_I			
arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
lame	Actual Value	Expected Value	Resu
custBattDiag_LOICIr_ms_M_u32p0	2001582592	2001582592	
CustBattDiag LOISet ms M u32p0	2001582592	2001582592	
CustBattDiag_LVCCIr_ms_M_u32p0	3339104768	3339104768	
	1648059392	1648059392	
JustBattDiag_LVCSet_ms_M_u32p0			
- ·	606246400	606246400	
CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	606246400 2001582592	606246400 2001582592	

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CustBattDiag_LVHSClr_ms_M_u32p0

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

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
- ·	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

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Name	Input Value		
k_LVSMDetect_Volts_u10p6	1472		
k_LVSMDetect_ms_u16p0	46119		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	36483		
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.3983498		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	352.24881		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	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	3575485696	3575485696	~
CustBattDiag_LOISet_ms_M_u32p0	3575485696	3575485696	~
CustBattDiag_LVCCIr_ms_M_u32p0	533900544	533900544	~
CustBattDiag_LVCSet_ms_M_u32p0	930912000	930912000	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	3306094848	3306094848	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	2353924864	2353924864	~
CustBattDiag_LVHSClr_ms_M_u32p0	2998115584	2998115584	~
CustBattDiag_LVHSSet_ms_M_u32p0	2707621632	2707621632	~
CustBattDiag_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_LVSMClr_ms_M_u32p0	4223262976	4223262976	~
CustBattDiag_LVSMSet_ms_M_u32p0	519492352	519492352	~

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 2.122 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	2318920704
CustBattDiag_LOISet_ms_M_u32p0	408006144
CustBattDiag_LVCCIr_ms_M_u32p0	1394260992
CustBattDiag_LVCSet_ms_M_u32p0	1883569664
CustBattDiag_LVHSCCIr_ms_M_u32p0	1840627712
CustBattDiag_LVHSCSet_ms_M_u32p0	3097534976
CustBattDiag_LVHSClr_ms_M_u32p0	2318920704
CustBattDiag_LVHSSet_ms_M_u32p0	408006144
CustBattDiag_LVLSCClr_ms_M_u32p0	1237505024
CustBattDiag_LVLSCSet_ms_M_u32p0	0
CustBattDiag_LVLSClr_ms_M_u32p0	3447019520
CustBattDiag_LVLSSet_ms_M_u32p0	3128949248
CustBattDiag_LVSMClr_ms_M_u32p0	3211995136
CustBattDiag_LVSMSet_ms_M_u32p0	2110147072
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(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	156.198273
k_CustBattDiaghispd_kph_f32	310.740326
k_CustBattDiaglospd_kph_f32	312.024384
k_LOIDetect_ms_u16p0	42318
k_LOINotDetect_ms_u16p0	16238
k_LVCDetect_Volts_u10p6	1408
k_LVCDetect_ms_u16p0	34607
k_LVCNotDetect_Volts_u10p6	1088

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CustBattDiag_Per2 Input Value k_LVCNotDetect_ms_u16p0 14896 k_LVHSCDetect_Volts_u10p6 1536 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 k_LVLSCDetect_ms_u16p0 59536 k_LVLSCNotDetect_Volts_u10p6 1088 k_LVLSCNotDetect_ms_u16p0 49229 k LVLSDetect Volts u10p6 1408 k_LVLSDetect_ms_u16p0 27552 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 13.1060143 target_CustBattDiag_Per2_Batt_Volt_f32.value $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ 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_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 $target_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ target_CustBattDiag_Per2_Veh$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32$ target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

Name	Actual Value	Expected Value	Result
CustBattDiag_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_LVHSCClr_ms_M_u32p0	1624900608	1624900608	✓
CustBattDiag_LVHSCSet_ms_M_u32p0	3097534976	3097534976	✓
CustBattDiag_LVHSClr_ms_M_u32p0	2318920704	2318920704	✓
CustBattDiag_LVHSSet_ms_M_u32p0	408006144	408006144	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	1624900608	1624900608	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1624900608	1624900608	✓
CustBattDiag_LVLSClr_ms_M_u32p0	3447019520	3447019520	✓
CustBattDiag_LVLSSet_ms_M_u32p0	3128949248	3128949248	✓
CustBattDiag_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	✓
Param_Cnt_T_u08	0x01	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓



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	~
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	~

lomo	Input Value
lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1000800000
CustBattDiag_LOISet_ms_M_u32p0	585218304
custBattDiag_LVCCIr_ms_M_u32p0	2956889856
ustBattDiag_LVCSet_ms_M_u32p0	3427256576
ustBattDiag_LVHSCCIr_ms_M_u32p0	2172486400
ustBattDiag_LVHSCSet_ms_M_u32p0	1589959936
ustBattDiag_LVHSClr_ms_M_u32p0	1000800000
ustBattDiag_LVHSSet_ms_M_u32p0	585218304
ustBattDiag_LVLSCCIr_ms_M_u32p0	715540224
ustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
ustBattDiag_LVLSCIr_ms_M_u32p0	2124331776
ustBattDiag_LVLSSet_ms_M_u32p0	2760299776
ustBattDiag_LVSMClr_ms_M_u32p0	2749713152
ustBattDiag_LVSMSet_ms_M_u32p0	401859840
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(
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Cui	
te_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	2
_CustBattDiagLOIspd_kph_f32	10.8300409
_CustBattDiaghispd_kph_f32	432.492157
_CustBattDiaglospd_kph_f32	149.408157
_LOIDetect_ms_u16p0	20364
_LOINotDetect_ms_u16p0	1700
_LVCDetect_Volts_u10p6	128
_LVCDetect_ms_u16p0	26472
_LVCNotDetect_Volts_u10p6	704
_LVCNotDetect_ms_u16p0	38877
_LVHSCDetect_Volts_u10p6	1088
_LVHSCDetect_ms_u16p0	24540
_LVHSCNotDetect_Volts_u10p6	704
_LVHSCNotDetect_ms_u16p0	38287
_LVHSDetect_Volts_u10p6	128
_LVHSDetect_ms_u16p0	37937
_LVHSNotDetect_Volts_u10p6	704
_LVHSNotDetect_ms_u16p0	34746
_LVLSCDetect_Volts_u10p6	128
_LVLSCDetect_ms_u16p0	46131
_LVLSCNotDetect_Volts_u10p6	704
_LVLSCNotDetect_ms_u16p0	27894
_LVLSDetect_Volts_u10p6	128
LVLSDetect_ms_u16p0	23460
_LVLSNotDetect_Volts_u10p6	704
_LVLSNotDetect_ms_u16p0	1999
_LVSMDetect_Volts_u10p6	128
_LVSMDetect_ms_u16p0	64102
_LVSMNotDetect_Volts_u10p6	704
_LVSMNotDetect_ms_u16p0	50066
rrget_CustBattDiag_Per2_Batt_Volt_f32.value	30.5385017
arget_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	p 51481		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current	nt 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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn	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_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_LVHSCCIr_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_LVLSClr_ms_M_u32p0	2124331776	2124331776	~
CustBattDiag_LVLSSet_ms_M_u32p0	2760299776	2760299776	~
CustBattDiag_LVSMClr_ms_M_u32p0	2749713152	2749713152	~
CustBattDiag_LVSMSet_ms_M_u32p0	401859840	401859840	~
NTC_Cnt_T_enum	0xE8	0xE8	~
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	~
NTC_Cnt_T_enum	0xE3	0xE3	~
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	~
NTC_Cnt_T_enum	0xE4	0xE4	~
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	~

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

Test Step 2.124 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_LOICIr_ms_M_u32p0	1868940800	
CustBattDiag_LOISet_ms_M_u32p0	622696448	
CustBattDiag_LVCCIr_ms_M_u32p0	2749306368	
CustBattDiag_LVCSet_ms_M_u32p0	355166208	
CustBattDiag_LVHSCClr_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_LVLSCIr_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	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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_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	0		
k_LVHSCNotDetect_Volts_u10p6	45835		
k_LVHSCNotDetect_ms_u16p0	0		
k_LVHSDetect_Volts_u10p6			
k_LVHSDetect_ms_u16p0	47533 0		
k_LVHSNotDetect_Volts_u10p6 k_LVHSNotDetect ms_u16p0	16300		
k_LVHSNotDetect_ms_u16p0 k_LVLSCDetect_Volts_u10p6	0		
k LVLSCDetect ms u16p0	43766		
k LVLSCNotDetect Volts u10p6	0		
k_LVLSCNotDetect_voits_u1op0	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	56261		
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_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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	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	3570966016	3570966016	•
CustBattDiag_LOISet_ms_M_u32p0	3570966016	3570966016	-
CustBattDiag_LVCClr_ms_M_u32p0	2749306368	2749306368	•
CustBattDiag_LVCSet_ms_M_u32p0	355166208	355166208	•
CustBattDiag_LVHSCClr_ms_M_u32p0	217201152	217201152	•
CustBattDiag_LVHSCSet_ms_M_u32p0	1527000064	1527000064	•
CustBattDiag_LVHSClr_ms_M_u32p0	1868940800	1868940800	
CustBattDiag_LVHSSet_ms_M_u32p0	622696448	622696448	
CustBattDiag_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	-

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 2.125 (Repeat Count = 1)			V
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_LVLSCCIr_ms_M_u32p0	0		
CustBattDiag_LVLSCSet_ms_M_u32p0	2414658304		
CustBattDiag_LVLSCIr_ms_M_u32p0	2870676736		
CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	2329147136 2769689856		
CustBattDiag_LVSMSet_ms_M_u32p0	3895035648		
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			me
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	1_1111,111	
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	506.317932		
k_CustBattDiaghispd_kph_f32	165.3396		
k_CustBattDiaglospd_kph_f32	478.786133		
k_LOIDetect_ms_u16p0	23527		
k_LOINotDetect_ms_u16p0	20015		
k_LVCDetect_Volts_u10p6	320		
k_LVCDetect_ms_u16p0	34209		
k_LVCNotDetect_Volts_u10p6	896		
k_LVCNotDetect_ms_u16p0	33839		
k_LVHSCDetect_Volts_u10p6	1088		
k_LVHSCDetect_ms_u16p0	23349		
k_LVHSCNotDetect_Volts_u10p6	896		
k_LVHSCNotDetect_ms_u16p0	60661		
k_LVHSDetect_Volts_u10p6 k_LVHSDetect_ms_u16p0	320 61815		
k_LVHSNotDetect_Volts_u10p6	896		
k_LVHSNotDetect_ms_u16p0	40369		
k_LVLSCDetect_Volts_u10p6	320		
k_LVLSCDetect_ms_u16p0	27049		
k LVLSCNotDetect Volts u10p6	896		
k_LVLSCNotDetect_ms_u16p0	34797		
k_LVLSDetect_Volts_u10p6	320		
k_LVLSDetect_ms_u16p0	14307		
k_LVLSNotDetect_Volts_u10p6	896		
k_LVLSNotDetect_ms_u16p0	29397		
k_LVSMDetect_Volts_u10p6	320		
k_LVSMDetect_ms_u16p0	40949		
k_LVSMNotDetect_Volts_u10p6	896		
k_LVSMNotDetect_ms_u16p0	11758		
target_CustBattDiag_Per2_Batt_Volt_f32.value	27.9656448		
target_CustBattDiag_Per2_EngOn_Cnt_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	0 5.92784548		
target_CustBattDlag_Perz_venicleSpeed_kpn_t3z.value target_Rte_Call_Ap_CustBattDlag_EpsEn_OP_GET_signal	0		
target_rite_call_xp_custbattblag_cpstrt_or_gc.t_signal target Rte Call Ap CustBattblag SystemTime DtrmnElapsedTime mS u16 Elap			
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtffiliziapseuTime_inS_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		
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	4111264000	4111264000	-
CustBattDiag_LOISet_ms_M_u32p0	4111264000	4111264000	•
CustBattDiag_LVCClr_ms_M_u32p0	3621355776	3621355776	•
CustBattDiag_LVCSet_ms_M_u32p0	3552348928	3552348928	•
CustBattDiag_LVHSCClr_ms_M_u32p0	1177556224	1177556224	-
CustBattDiag_LVHSCSet_ms_M_u32p0	4111264000	4111264000	
CuetPattDiag I VHSCIr me M u33n0	73855/112	73955/1112	1

738554112

738554112

CustBattDiag_LVHSClr_ms_M_u32p0



Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1755708160	1755708160	✓
CustBattDiag_LVLSCCIr_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	0x01	✓
Status_Cnt_T_enum	0x01	0x01	✓
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_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	~

Test Step 2.126 (Repeat Count = 1)	√
Name	Input Value
CustBattDiag LOICIr ms M u32p0	1586655232
CustBattDiag LOISet ms M u32p0	2941833728
CustBattDiag_LVCCIr_ms_M_u32p0	2136358912
CustBattDiag LVCSet ms M u32p0	3159695872
CustBattDiag_LVHSCCIr_ms_M_u32p0	2007139328
CustBattDiag_LVHSCSet_ms_M_u32p0	3230926336
CustBattDiag_LVHSClr_ms_M_u32p0	1586655232
CustBattDiag_LVHSSet_ms_M_u32p0	2941833728
CustBattDiag_LVLSCClr_ms_M_u32p0	4294967295
CustBattDiag_LVLSCSet_ms_M_u32p0	2930014720
CustBattDiag_LVLSClr_ms_M_u32p0	3401686016
CustBattDiag_LVLSSet_ms_M_u32p0	2344541696
CustBattDiag_LVSMClr_ms_M_u32p0	1561357312
CustBattDiag_LVSMSet_ms_M_u32p0	2113809920
Rte_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	495.619812
k_CustBattDiaghispd_kph_f32	380.148193
k_CustBattDiaglospd_kph_f32	245.942551
k_LOIDetect_ms_u16p0	949
k_LOINotDetect_ms_u16p0	47413
k_LVCDetect_Volts_u10p6	576
k_LVCDetect_ms_u16p0	35333
k_LVCNotDetect_Volts_u10p6	1856
k_LVCNotDetect_ms_u16p0	28341
k_LVHSCDetect_Volts_u10p6	1920
k_LVHSCDetect_ms_u16p0	58122
k_LVHSCNotDetect_Volts_u10p6	1856
k_LVHSCNotDetect_ms_u16p0	63523
k_LVHSDetect_Volts_u10p6	576
k_LVHSDetect_ms_u16p0	16741
k_LVHSNotDetect_Volts_u10p6	1856
k_LVHSNotDetect_ms_u16p0	25102
k_LVLSCDetect_Volts_u10p6	576
k_LVLSCDetect_ms_u16p0	13469
k_LVLSCNotDetect_Volts_u10p6	1856
k_LVLSCNotDetect_ms_u16p0	47787

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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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

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

2930014720

3401686016

2344541696

1561357312

2113809920

4294967295

2930014720

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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	38.729763
k_CustBattDiaghispd_kph_f32	16.9894466
k_CustBattDiaglospd_kph_f32	117.329636
k_LOIDetect_ms_u16p0	53221

CustBattDiag_Per2



CusiDatiDiag_1 e12		(00
Name	Input Value		
k_LOINotDetect_ms_u16p0	27231		
k_LVCDetect_Volts_u10p6	1984		
k_LVCDetect_ms_u16p0	12919		
k_LVCNotDetect_Volts_u10p6	576		
k LVCNotDetect ms u16p0	17246		
k_LVHSCDetect_Volts_u10p6	1280		
k_LVHSCDetect_ms_u16p0	39462		
k_LVHSCNotDetect_Volts_u10p6	576		
k_LVHSCNotDetect_ms_u16p0	23507		
k LVHSDetect Volts u10p6	1984		
k_LVHSDetect_ms_u16p0	39862		
k LVHSNotDetect Volts u10p6	576		
k_LVHSNotDetect_ms_u16p0	10676		
k_LVLSCDetect_Volts_u10p6	1984		
k LVLSCDetect ms u16p0	61086		
k_LVLSCNotDetect_Volts_u10p6	576		
k_LVLSCNotDetect_ms_u16p0	6636		
k_LVLSDetect_Volts_u10p6	1984		
k_LVLSDetect_ms_u16p0	29666		
k_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	40789		
k LVSMDetect Volts u10p6	1984		
k LVSMDetect ms u16p0	35270		
k LVSMNotDetect Volts u10p6	576		
k LVSMNotDetect ms u16p0	24182		
target_CustBattDiag_Per2_Batt_Volt_f32.value	10.8018703		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target CustBattDiag Per2 EtatMT Cnt u08.value	12		
	1		
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			
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	_	
Name	Actual Value		
CustBattDiag_LOIClr_ms_M_u32p0		Expected Value	Resul
	1470802688	1470802688	Resul
CustBattDiag_LOISet_ms_M_u32p0	1470802688 3613150464	·	•
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0		1470802688	•
	3613150464	1470802688 3613150464	•
CustBattDiag_LVCClr_ms_M_u32p0	3613150464 1855718144	1470802688 3613150464 1855718144	•
CustBattDiag_LVCClr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	3613150464 1855718144 3316079872	1470802688 3613150464 1855718144 3316079872	
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0	3613150464 1855718144 3316079872 4224136960	1470802688 3613150464 1855718144 3316079872 4224136960	
CustBattDiag_LVCClr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCClr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	3613150464 1855718144 3316079872 4224136960 1470802688	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688	
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	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128	
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	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464	
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	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072	
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_LVLSCSet_ms_M_u32p0	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688	
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_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352	
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_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048	
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_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608	
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_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_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984	
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_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8	
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_LVLSCIr_ms_M_u32p0 CustBattDiag_LVSMCIr_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_u08	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01	
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_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_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01	
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_LVLSSet_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 Param_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01 0xE3 0x00	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01 0xE3 0x00	Result
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_LVLSCNet_ms_M_u32p0 CustBattDiag_LVLSCNet_ms_M_u32p0 CustBattDiag_LVSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 SustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_enum	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01 0x01 0xE3 0x00 0x00	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01 0xE3	
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_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 SustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_enum Param_Cnt_T_u08	3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01 0xE3 0x00	1470802688 3613150464 1855718144 3316079872 4224136960 1470802688 1034384128 3613150464 3632227072 1470802688 4241092352 962210048 3307044608 1138505984 0xE8 0x01 0x01 0xE3 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	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	Land Walter		
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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Ic$	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	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_LVLSCClr_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	✓

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 2.129 (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_LOICIr_ms_M_u32p0	3978921216
CustBattDiag_LOISet_ms_M_u32p0	219492096
CustBattDiag_LVCCIr_ms_M_u32p0	4363520
CustBattDiag_LVCSet_ms_M_u32p0	3963141888
CustBattDiag_LVHSCCIr_ms_M_u32p0	65497344
CustBattDiag_LVHSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVHSClr_ms_M_u32p0	3978921216
CustBattDiag_LVHSSet_ms_M_u32p0	219492096
CustBattDiag_LVLSCClr_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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	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

CustBattDiag_Per2			MACICAL
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	637959424		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt		
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	ph_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	637959424	637959424	✓
CustBattDiag LOISet ms M u32p0	637959424	637959424	✓
CustBattDiag LVCClr ms M u32p0	4363520	4363520	✓
CustBattDiag LVCSet ms M u32p0	3963141888	3963141888	✓
CustBattDiag LVHSCCIr ms M u32p0	65497344	65497344	✓
CustBattDiag LVHSCSet ms M u32p0	637959424	637959424	✓
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	✓
CustBattDiag LVLSCIr ms M u32p0	666886400	666886400	_
CustBattDiag LVLSSet ms M u32p0	543288064	543288064	✓
CustBattDiag LVSMClr ms M u32p0	623898880	623898880	
CustBattDiag LVSMSet ms M u32p0	1433697024	1433697024	·
NTC Cnt T enum	0xE3	0xE3	
Param Cnt T u08	0x00	0x00	·
Status Cnt T enum	0x00	0x00	
NTC Cnt T enum	0xE4	0xE4	·
D O-t T ::00	0.00	000	

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

0x00

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	

Param_Cnt_T_u08 Status_Cnt_T_enum

CustBattDiag_Per2



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	~

CustBattDiag_Per2

Status_Cnt_T_enum



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

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

est Step 2.131 (Repeat Count = 1)	
ame	Input Value
ustBattDiag_LOICIr_ms_M_u32p0	806102784
ustBattDiag_LOISet_ms_M_u32p0	1281696000
ustBattDiag_LVCClr_ms_M_u32p0	174962432
ustBattDiag_LVCSet_ms_M_u32p0	2535796992
ustBattDiag_LVHSCClr_ms_M_u32p0	0
ustBattDiag_LVHSCSet_ms_M_u32p0	2604844288
ustBattDiag_LVHSClr_ms_M_u32p0	806102784
ustBattDiag_LVHSSet_ms_M_u32p0	1281696000
ustBattDiag_LVLSCClr_ms_M_u32p0	4188040960
ustBattDiag_LVLSCSet_ms_M_u32p0	2494867712
ustBattDiag_LVLSCIr_ms_M_u32p0	3568657152
ustBattDiag_LVLSSet_ms_M_u32p0	2792865024
ustBattDiag_LVSMCIr_ms_M_u32p0	1143337728
ustBattDiag_LVSMSet_ms_M_u32p0	245288192
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
re_Mode_Ap_CustBattDiag_SystemState_Mode()	2
CustBattDiagLOIspd_kph_f32	367.342621
CustBattDiaghispd kph f32	7.35800171
CustBattDiaglospd_kph_f32	100.501541
LOIDetect_ms_u16p0	52820
LOINotDetect ms u16p0	4294
LVCDetect Volts u10p6	1536
LVCDetect_ms_u16p0	46204
LVCNotDetect Volts u10p6	896
LVCNotDetect ms u16p0	32619
LVHSCDetect_Volts_u10p6	192
LVHSCDetect ms u16p0	48598
LVHSCNotDetect Volts u10p6	896
LVHSCNotDetect ms u16p0	65427
LVHSDetect_Volts_u10p6	1536
LVHSDetect_ms_u16p0	30441
LVHSNotDetect Volts u10p6	896
LVHSNotDetect ms u16p0	55859
LVLSCDetect Volts u10p6	1536
LVLSCDetect ms u16p0	39083
LVLSCNotDetect Volts u10p6	896
LVLSCNotDetect_ms_u16p0	55355
LVLSDetect Volts u10p6	1536
LVLSDetect ms u16p0	38281
_LVLSNotDetect_Volts_u10p6	896
LVLSNotDetect_ws_u16p0	40122
LVSMDetect Volts u10p6	1536
LVSMDetect ms u16p0	42328

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				0
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			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfaces and the property of the property of$	p 56349			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer$	nt 4103134976			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08	3		
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	lc 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	4103134976	4103134976		~
CustBattDiag_LOISet_ms_M_u32p0	4103134976	4103134976		•
CustBattDiag_LVCClr_ms_M_u32p0	174962432	174962432		-
CustBattDiag_LVCSet_ms_M_u32p0	2535796992	2535796992		•
CustBattDiag_LVHSCClr_ms_M_u32p0	0	0		•
CustBattDiag_LVHSCSet_ms_M_u32p0	4103134976	4103134976		•
CustBattDiag_LVHSClr_ms_M_u32p0	806102784	806102784		✓
CustBattDiag_LVHSSet_ms_M_u32p0	1281696000	1281696000		•
CustBattDiag_LVLSCClr_ms_M_u32p0	4188040960	4188040960		•
CustBattDiag_LVLSCSet_ms_M_u32p0	4103134976	4103134976		✓
CustBattDiag_LVLSClr_ms_M_u32p0	3568657152	3568657152		-
CustBattDiag_LVLSSet_ms_M_u32p0	2792865024	2792865024		✓
CustBattDiag_LVSMCIr_ms_M_u32p0	1143337728	1143337728		•
CustBattDiag_LVSMSet_ms_M_u32p0	245288192	245288192		✓
NTC_Cnt_T_enum	0xE4	0xE4		~
Param_Cnt_T_u08	0x00	0x00		•
Status_Cnt_T_enum	0x00	0x00		

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	-
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	✓
ControlTimers	1	ControlTimers	1	-
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	Rte Call Ap CustBattDiag NxtrDiagMgr SetNTCStatus	1	V

Test Step 2.132 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	4174794240
CustBattDiag_LOISet_ms_M_u32p0	1479761920
CustBattDiag_LVCCIr_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_LVLSCClr_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

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CustBattDiag_Per2 Input Value k_CustBattDiagLOlspd_kph_f32 164.775604 k_CustBattDiaghispd_kph_f32 226.056259 104.996849 k_CustBattDiaglospd_kph_f32 k_LOIDetect_ms_u16p0 11140 k_LOINotDetect_ms_u16p0 19142 k_LVCDetect_Volts_u10p6 0 k_LVCDetect_ms_u16p0 28812 $k_LVCNotDetect_Volts_u10p6$ 256 k_LVCNotDetect_ms_u16p0 10840 k_LVHSCDetect_Volts_u10p6 1472 k_LVHSCDetect_ms_u16p0 26686 k_LVHSCNotDetect_Volts_u10p6 256 k_LVHSCNotDetect_ms_u16p0 6046 k LVHSDetect Volts u10p6 n 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_lgc.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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_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 Igc target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Is target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_Igc

target the met the edecadaring 2: edecadaring 1 etc. Temple peculiar entire	taigot_ouotbattbiag oi2 oincicopoca tai	.a_ege	
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	3290965504	3290965504	~
CustBattDiag_LOISet_ms_M_u32p0	3290965504	3290965504	~
CustBattDiag_LVCCIr_ms_M_u32p0	2750520832	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_LVLSCIr_ms_M_u32p0	1254791680	1254791680	~
CustBattDiag_LVLSSet_ms_M_u32p0	1735101440	1735101440	~
CustBattDiag_LVSMClr_ms_M_u32p0	850979328	850979328	~
CustBattDiag_LVSMSet_ms_M_u32p0	1597398016	1597398016	✓

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	~

Test Step 2.133 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3688093952
CustBattDiag_LOISet_ms_M_u32p0	1082434304

CustBattDiag_Per2



CusibaliDiag_Per2		(MACI	210
Name	Input Value		
CustBattDiag_LVCCIr_ms_M_u32p0	734128384		
CustBattDiag_LVCSet_ms_M_u32p0	3888460544		
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 445672192		
CustBattDiag_LVLSCSet_ms_M_u32p0 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 C	OP GET signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim		ime_DtrmnElapsedTime_mS_u16_ElapsedTin	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()	0		
k_CustBattDiagLOlspd_kph_f32	388.947784		
k_CustBattDiaghispd_kph_f32	503.750488		
k_CustBattDiaglospd_kph_f32	455.940063		
k_LOIDetect_ms_u16p0	15154		
k_LOINotDetect_ms_u16p0	35234		
k_LVCDetect_Volts_u10p6	1408		
k_LVCDetect_ms_u16p0	34201		
k_LVCNotDetect_Volts_u10p6	1088		
k_LVCNotDetect_ms_u16p0	26734		
k_LVHSCDetect_Volts_u10p6	128		
k_LVHSCDetect_ms_u16p0	25410		
k_LVHSCNotDetect_Volts_u10p6	1088		
k_LVHSCNotDetect_ms_u16p0	22362		
k_LVHSDetect_Volts_u10p6 k_LVHSDetect_ms_u16p0	1408 27689		
k_LVHSNotDetect_Volts_u10p6	1088		
k LVHSNotDetect ms u16p0	48179		
k_LVLSCDetect_Volts_u10p6	1408		
k_LVLSCDetect_ms_u16p0	10272		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	39328		
k_LVLSDetect_Volts_u10p6	1408		
k_LVLSDetect_ms_u16p0	16175		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	853		
k_LVSMDetect_Volts_u10p6	1408		
k_LVSMDetect_ms_u16p0	59574		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	50395		
target_CustBattDiag_Per2_Batt_Volt_f32.value	28.6732979		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	183.879471		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 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_Batt_Voit_f32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_Igc	target_CustBattDiag_Per2_Batt_Voit_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_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_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	Resul
CustBattDiag_LOICIr_ms_M_u32p0	2940096768	2940096768	Itesui
CustBattDiag_LOISet_ms_M_u32p0	2940096768	2940096768	
CustBattDiag_LVCCIr_ms_M_u32p0	734128384	734128384	٠,
CustBattDiag_LVCSet_ms_M_u32p0	3888460544	3888460544	
CustBattDiag_LVHSCCIr_ms_M_u32p0	406910208	406910208	
CustBattDiag_LVHSCSet_ms_M_u32p0	2431608576	2431608576	
			٠,
CustBattDiag_LVHSClr_ms_M_u32p0	3688093952	3688093952	
CustBattDiag_LVHSCIr_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	3688093952 1082434304	3688093952 1082434304	
CustBattDiag_LVHSSet_ms_M_u32p0	1082434304	1082434304	•



CustBattDiag_F	Per2
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Name	Actual Value	Expected Value	Result
CustBattDiag_LVLSSet_ms_M_u32p0	2056003328	2056003328	✓
CustBattDiag_LVSMClr_ms_M_u32p0	2342257920	2342257920	✓
CustBattDiag_LVSMSet_ms_M_u32p0	40611584	40611584	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	~

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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$	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	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_LVHSCIr_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	~

Test Step 2.135 (Repeat Count = 1)	
lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1177099008
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_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
ustBattDiag_LVHSSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCCIr_ms_M_u32p0	1553195776
sustBattDiag_LVLSCSet_ms_M_u32p0	1444560128
custBattDiag_LVLSClr_ms_M_u32p0	3866433280
ustBattDiag_LVLSSet_ms_M_u32p0	1997771008
ustBattDiag_LVSMClr_ms_M_u32p0	1175627520
sustBattDiag_LVSMSet_ms_M_u32p0	275751168
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	apsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
te_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Currer	ntTime) 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	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

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Name	Input Value		
k_LVLSDetect_ms_u16p0	42447		
k_LVLSNotDetect_Volts_u10p6	1280		
k_LVLSNotDetect_ms_u16p0	43540		
k_LVSMDetect_Volts_u10p6	640		
k_LVSMDetect_ms_u16p0	37073		
k_LVSMNotDetect_Volts_u10p6	1280		
k_LVSMNotDetect_ms_u16p0	60170		
target_CustBattDiag_Per2_Batt_Volt_f32.value	11.7127361		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	411.416809		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	p 5655		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curren	t 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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_I$	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	4121383680	4121383680	~
CustBattDiag_LOISet_ms_M_u32p0	4121383680	4121383680	✓
CustBattDiag_LVCClr_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	~
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	~
CustBattDiag_LVLSCClr_ms_M_u32p0	1553195776	1553195776	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1444560128	1444560128	~
CustBattDiag_LVLSCIr_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)	v
Name	Input Value
CustBattDiag_LOIClr_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_LVLSCClr_ms_M_u32p0	1294932480
CustBattDiag_LVLSCSet_ms_M_u32p0	42208256
CustBattDiag_LVLSClr_ms_M_u32p0	3847978496
CustBattDiag_LVLSSet_ms_M_u32p0	3722973184
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560
CustBattDiag_LVSMSet_ms_M_u32p0	1444143104
Rte_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	25.3623657
k_CustBattDiaghispd_kph_f32	309.222412
k_CustBattDiaglospd_kph_f32	390.934235
k_LOIDetect_ms_u16p0	62567
k_LOINotDetect_ms_u16p0	28896

CustBattDiag_Per2

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Input Value k_LVCDetect_Volts_u10p6 1664 2573 k_LVCDetect_ms_u16p0 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 9900 k_LVHSNotDetect_ms_u16p0 k_LVLSCDetect_Volts_u10p6 1664 k_LVLSCDetect_ms_u16p0 13397 k_LVLSCNotDetect_Volts_u10p6 1344 22453 k_LVLSCNotDetect_ms_u16p0 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 $target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value$ 84.6545792 target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 33981 target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current 1538574848 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_lgc $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ custBattDiag_Per2_VehicleSpeedValid_Cnt_lg\\ custBattDiag_Per2_VehicleSpeed$ 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 1538574848 1538574848 CustBattDiag_LOISet_ms_M_u32p0 1538574848 1538574848 1744028160 CustBattDiag LVCClr ms M u32p0 1744028160 CustBattDiag_LVCSet_ms_M_u32p0 542307328 542307328 CustBattDiag_LVHSCCIr_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_LVLSCCIr_ms_M_u32p0 1294932480 1294932480 42208256 CustBattDiag_LVLSCSet_ms_M_u32p0 42208256 CustBattDiag_LVLSCIr_ms_M_u32p0 3847978496 3847978496 CustBattDiag_LVLSSet_ms_M_u32p0 3722973184 3722973184 CustBattDiag_LVSMClr_ms_M_u32p0 4039298560 4039298560

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 2.137 (Repeat Count = 1)	√
Name	Input Value
CustBattDiag_LOIClr_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_LVSMSet_ms_M_u32p0





Name	Input Value		
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_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_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_CurrentTim	ie
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 2		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value			
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1 0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value			
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 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren			
target_Rte_Inst_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_Igc	target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cr		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_StiuSelected_Cit_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_l			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
			Desir
Name	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	1479042304	1479042304	<u> </u>
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	
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	2653328128	•
	1175345408	1175345408	•
CustBattDiag_LVSMCIr_ms_M_u32p0			
CustBattDiag_LVSMSet_ms_M_u32p0	1759716096	1759716096	•
	1759716096 0xE8 0x01	1759716096 0xE8 0x01	





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

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

Test Step 2.138 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_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_LVHSCIr_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
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_EpsEn_Or_GEn(signal) Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT	
Rte_Call_Ap_CustBattDiag_SystemTime_Dtffilletapsedfille_init_u10_u10(Elapsedfil Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime	
rte_call_ap_custbattDiag_system+ime_GetSystem+ime_ms_us2(current+ime Rte_Inst_Ap_CustBattDiag	target_Rie_Call_Ap_CustbattDiag_System** line_GetSystem** line_ins_usz_current** line target Rte Inst Ap CustBattDiag 2
	1
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	423.129242
_CustBattDiagLOlspd_kph_f32	1.69305861
CustBattDiaghispd_kph_f32	
C_CustBattDiaglospd_kph_f32	215.20723
C_LOIDetect_ms_u16p0	27152
<pre>c_LOINotDetect_ms_u16p0</pre>	47105
x_LVCDetect_Volts_u10p6	512
x_LVCDetect_ms_u16p0	50153
x_LVCNotDetect_Volts_u10p6	1984
x_LVCNotDetect_ms_u16p0	39420
x_LVHSCDetect_Volts_u10p6	384
C_LVHSCDetect_ms_u16p0	37076
C_LVHSCNotDetect_Volts_u10p6	1984
z_LVHSCNotDetect_ms_u16p0	30407
_LVHSDetect_Volts_u10p6	512
c_LVHSDetect_ms_u16p0	59748
x_LVHSNotDetect_Volts_u10p6	1984
x_LVHSNotDetect_ms_u16p0	57067
x_LVLSCDetect_Volts_u10p6	512
c_LVLSCDetect_ms_u16p0	55246
c_LVLSCNotDetect_Volts_u10p6	1984
c_LVLSCNotDetect_ms_u16p0	7396
x_LVLSDetect_Volts_u10p6	512
c_LVLSDetect_ms_u16p0	38623
C_LVLSNotDetect_Volts_u10p6	1984
C_LVLSNotDetect_ms_u16p0	52909
c_LVSMDetect_Volts_u10p6	512
k_LVSMDetect_ms_u16p0	16662
k LVSMNotDetect Volts u10p6	1984

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Name	Input Value		
k_LVSMNotDetect_ms_u16p0	63763		
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.0020676		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	282.194244		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	4729		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSyst$	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_lg	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	1190761472	1190761472	~
CustBattDiag_LOISet_ms_M_u32p0	1190761472	1190761472	~
CustBattDiag_LVCClr_ms_M_u32p0	1240484864	1240484864	~
CustBattDiag_LVCSet_ms_M_u32p0	2979597824	2979597824	✓
CustBattDiag_LVHSCClr_ms_M_u32p0	1621643264	1621643264	~
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280	4103713280	✓
CustBattDiag_LVHSClr_ms_M_u32p0	4294967295	4294967295	✓
CustBattDiag_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				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 2.139 (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_LVHSCIr_ms_M_u32p0	962533120
CustBattDiag_LVHSSet_ms_M_u32p0	1580304640
CustBattDiag_LVLSCCIr_ms_M_u32p0	3957036800
CustBattDiag_LVLSCSet_ms_M_u32p0	1367216384
CustBattDiag_LVLSClr_ms_M_u32p0	1482492672
CustBattDiag_LVLSSet_ms_M_u32p0	4137788672
CustBattDiag_LVSMCIr_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_u1	6(ElapsedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(C	CurrentTime) target_Rte_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	376.811523
CustBattDiaghispd_kph_f32	173.822388
CustBattDiaglospd_kph_f32	412.305878
_LOIDetect_ms_u16p0	23942
_LOINotDetect_ms_u16p0	7977
_LVCDetect_Volts_u10p6	768
_LVCDetect_ms_u16p0	60794
_LVCNotDetect_Volts_u10p6	576
_LVCNotDetect_ms_u16p0	55994
_LVHSCDetect_Volts_u10p6	1472
c_LVHSCDetect_ms_u16p0	52602

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Name	Input Value
k_LVHSCNotDetect_Volts_u10p6	576
k_LVHSCNotDetect_ms_u16p0	44313
k_LVHSDetect_Volts_u10p6	768
k_LVHSDetect_ms_u16p0	38505
k_LVHSNotDetect_Volts_u10p6	576
k_LVHSNotDetect_ms_u16p0	17997
k_LVLSCDetect_Volts_u10p6	768
k_LVLSCDetect_ms_u16p0	61116
k_LVLSCNotDetect_Volts_u10p6	576
k_LVLSCNotDetect_ms_u16p0	42354
k_LVLSDetect_Volts_u10p6	768
k_LVLSDetect_ms_u16p0	27175
k_LVLSNotDetect_Volts_u10p6	576
k_LVLSNotDetect_ms_u16p0	55222
k_LVSMDetect_Volts_u10p6	768
k_LVSMDetect_ms_u16p0	63523
k_LVSMNotDetect_Volts_u10p6	576
k_LVSMNotDetect_ms_u16p0	21538
target_CustBattDiag_Per2_Batt_Volt_f32.value	30.2673378
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	336.588959
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2114062080
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc





Test Step 2.140 (Repeat Count = 1)			~
Name	Input Value		
CustBattDiag_LOICIr_ms_M_u32p0	3135493632		
CustBattDiag_LOISet_ms_M_u32p0	913188864 333522432		
CustBattDiag_LVCCIr_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	2275407872		
CustBattDiag_LVHSCCIr_ms_M_u32p0	569985536		
CustBattDiag_LVHSCSet_ms_M_u32p0	2772810752		
CustBattDiag LVHSCIr ms M u32p0	3135493632		
CustBattDiag_LVHSSet_ms_M_u32p0	913188864		
CustBattDiag_LVLSCClr_ms_M_u32p0	2401762816		
CustBattDiag_LVLSCSet_ms_M_u32p0	413700096		
CustBattDiag_LVLSCIr_ms_M_u32p0	1349755392		
CustBattDiag_LVLSSet_ms_M_u32p0	0		
CustBattDiag_LVSMCIr_ms_M_u32p0	1696854528		
CustBattDiag_LVSMSet_ms_M_u32p0	1198171136	D 057 : 1	
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		dTime o
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_Call_Ap_CustBattDiag_SystemT		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	iiiie_GetGysteii11iiie_iiiG_u32_Gu1feiit1ii	iie
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0		
<pre>c_CustBattDiagLOIspd_kph_f32</pre>	313.965118		
	258.950714		
_CustBattDiaglospd_kph_f32	305.047211		
c_LOIDetect_ms_u16p0	25999		
c_LOINotDetect_ms_u16p0	65085		
x_LVCDetect_Volts_u10p6	192		
c_LVCDetect_ms_u16p0	56628		
x_LVCNotDetect_Volts_u10p6	1152		
x_LVCNotDetect_ms_u16p0	42762		
X_LVHSCDetect_Volts_u10p6	1536		
_LVHSCDetect_ms_u16p0	26868 1152		
:_LVHSCNotDetect_Volts_u10p6 : LVHSCNotDetect ms u16p0	62895		
<pre><_LVHSDetect_Volts_u10p6</pre>	192		
<pre><_LVHSDetect_ms_u16p0</pre>	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		
<_LVLSDetect_ms_u16p0	50811		
<pre><_LVLSNotDetect_Volts_u10p6</pre>	7912		
<_LVLSNotDetect_ms_u16p0 < LVSMDetect Volts u10p6	192		
CLVSMDetect ms u16p0	63143		
LVSMNotDetect Volts u10p6	1152		
CLVSMNotDetect_ms_u16p0	14017		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	23.9496136		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
arget_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	1		
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	156.465591		
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
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 arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08		
arget_Rte_inst_Ap_CustBattDiag_z.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn		
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_K		
Vame	Actual Value	Expected Value	Resul
CustBattDiag_LOICIr_ms_M_u32p0	3195317760	3195317760	Iveani
CustBattDiag_LOICet_ms_M_u32p0	3195317760	3195317760	
CustBattDiag_LVCClr_ms_M_u32p0	333522432	333522432	
CustBattDiag LVCSet ms M u32p0	2275407872	2275407872	
· ·	569985536	569985536	
CustBattDiag LVHSCCIr ms M u32p0	009960000	1009960000	
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	3195317760	3195317760	

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CustBattDiag_LVHSClr_ms_M_u32p0

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	913188864	913188864	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	2401762816	2401762816	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3195317760	3195317760	✓
CustBattDiag_LVLSCIr_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

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_LVSMCIr_ms_M_u32p0 2015-04-21, 11:30:27+0530



CustBattDiag_Per2 Input Value k_LVSMDetect_Volts_u10p6 1728 k_LVSMDetect_ms_u16p0 16408 k LVSMNotDetect Volts u10p6 1344 k_LVSMNotDetect_ms_u16p0 58241 15.0310202 target CustBattDiag Per2 Batt Volt f32.value 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 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc$ 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 2088286464 2088286464 2088286464 CustBattDiag_LOISet_ms_M_u32p0 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_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_M	lode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET		1	•
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_Get	SystemTime_mS_u32	1	•

2513125632

3941878528

3147745536

2414154496

2739657984

4294967295

1249570048

2513125632

3941878528

3147745536

2414154496

2739657984

4294967295

1249570048

Test Step 2.142 (Repeat Count = 1)	<u></u>
Name	Input Value
CustBattDiag_LOIClr_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_LVLSCIr_ms_M_u32p0	1768893440
CustBattDiag_LVLSSet_ms_M_u32p0	345865728
CustBattDiag_LVSMClr_ms_M_u32p0	3290561536
CustBattDiag_LVSMSet_ms_M_u32p0	2968403456
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTime	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	0
k_CustBattDiagLOlspd_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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr	ıt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEnder SpeedValid_Cnt_IgEnder SpeedVa$	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	878221312	878221312	-
CustBattDiag_LOISet_ms_M_u32p0	878221312	878221312	•
CustBattDiag_LVCClr_ms_M_u32p0	1172885504	1172885504	-
CustPottDiag I \/CSst_ma_M_u22n0	495272416	405272416	

	140 A C C C C C C C C C C C C C C C C C C			
Name	Actual Value	Expected Value	Result	
CustBattDiag_LOICIr_ms_M_u32p0	878221312	878221312	~	
CustBattDiag_LOISet_ms_M_u32p0	878221312	878221312	✓	
CustBattDiag_LVCClr_ms_M_u32p0	1172885504	1172885504	~	
CustBattDiag_LVCSet_ms_M_u32p0	485372416	485372416	✓	
CustBattDiag_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	✓





Fest Step 2.143 (Repeat Count = 1)	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_LVHSCClr_ms_M_u32p0	1523091200		
CustBattDiag_LVHSCSet_ms_M_u32p0	2437972224		
CustBattDiag_LVHSClr_ms_M_u32p0	1377551104		
CustBattDiag_LVHSSet_ms_M_u32p0	1016929536		
CustBattDiag_LVLSCCIr_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_C		
	V		
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()	0		
C_CustBattDiagLOlspd_kph_f32	396.139862		
<pre>(_CustBattDiaghispd_kph_f32</pre>	131.805542		
c_CustBattDiaglospd_kph_f32	172.643021		
C_LOIDetect_ms_u16p0	64752		
C_LOINotDetect_ms_u16p0	0		
<pre><_LVCDetect_Volts_u10p6 </pre> <pre><_LVCDetect_ms_u16p0</pre>	57114		
<pre>C_LVCNotDetect_Volts_u10p6</pre>	1792		
C LVCNotDetect ms u16p0	50276		
<pre>C_LVHSCDetect_Volts_u10p6</pre>	1216		
C_LVHSCDetect_ms_u16p0	18965		
tvhSCNotDetect_Volts_u10p6	1792		
C LVHSCNotDetect ms u16p0	59206		
LVHSDetect Volts u10p6	0		
c_LVHSDetect_ms_u16p0	28767		
c_LVHSNotDetect_Volts_u10p6	1792		
c_LVHSNotDetect_ms_u16p0	44880		
<pre>c_LVLSCDetect_Volts_u10p6</pre>	0		
C_LVLSCDetect_ms_u16p0	58600		
_LVLSCNotDetect_Volts_u10p6	1792		
C_LVLSCNotDetect_ms_u16p0	578		
C_LVLSDetect_Volts_u10p6	0		
c_LVLSDetect_ms_u16p0	40006		
c_LVLSNotDetect_Volts_u10p6	1792		
c_LVLSNotDetect_ms_u16p0	36916		
c_LVSMDetect_Volts_u10p6	0		
x_LVSMDetect_ms_u16p0	33668		
x_LVSMNotDetect_Volts_u10p6	1792		
c_LVSMNotDetect_ms_u16p0	25887		
arget_CustBattDiag_Per2_Batt_Volt_f32.value	15.9429827		
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.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		
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	247.673065		
arget_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	51122		
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_lgc arget_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EngOn_Cnt_lgc target_CustBattDiag_Per2_EtatMT_Cnt_u08		
arget_Rte_inst_Ap_custBattDiag_z.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cn		
arget_Rte_inst_Ap_CustBattDiag_z.CustBattDiag_Per2_Sttuserecteu_Cnt_igc arget_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lc			
arget_Rte_inst_Ap_CustBattDiag_z.CustBattDiag_Per2_VehicleSpeed_Kph_f32 arget_Rte_inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
alger_Kie_ilist_Ap_CustbattDiag_z.CustbattDiag_Ferz_veriiclespeeu_Kpir_isz Name	Actual Value	1	Resu
	3874814720	Expected Value 3874814720	Resu
CustBattDiag_LOICIr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	3874814720 3874814720	3874814720 3874814720	
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCIr_ms_M_u32p0	3874814720 3874814720	3874814720 3874814720	
CustBattDiag_LVCCir_ms_M_u32p0 CustBattDiag_LVCSet_ms_M_u32p0	3874814720 3874814720	3874814720 3874814720	
CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0	3874814720 3874814720	3874814720 3874814720	
Judipatipiay Evilocoli ilib ivi UJZPU	001-1017120	0017017120	
CustBattDiag LVHSCSet ms M u32p0	2437972224	2437972224	





Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1016929536	1016929536	✓
CustBattDiag_LVLSCClr_ms_M_u32p0	3874814720	3874814720	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	3874814720	3874814720	✓
CustBattDiag_LVLSCIr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSSet_ms_M_u32p0	1154873600	1154873600	✓
CustBattDiag_LVSMCIr_ms_M_u32p0	2317930240	2317930240	~
CustBattDiag_LVSMSet_ms_M_u32p0	1061947648	1061947648	~

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	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	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	•

lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3826743808
CustBattDiag LOISet ms M u32p0	1920691200
CustBattDiag LVCClr ms M u32p0	1698548224
CustBattDiag LVCSet ms M u32p0	1681800192
ustBattDiag LVHSCCIr ms M u32p0	1646341632
sustBattDiag LVHSCSet ms M u32p0	4008787968
sustBattDiag_LVHSClr_ms_M_u32p0	3826743808
sustBattDiag_LVHSSet_ms_M_u32p0	1920691200
ustBattDiag_LVLSCCIr_ms_M_u32p0	1915232768
ustBattDiag_LVLSCSet_ms_M_u32p0	527848448
ustBattDiag LVLSCIr ms M u32p0	4294967295
ustBattDiag LVLSSet ms M u32p0	3762345984
ustBattDiag LVSMCIr 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(Ela	
re_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curren	
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
LVLSCDetect Volts u10p6	448
LVLSCDetect ms u16p0	10345
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

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Name	Input Value		
k_LVSMNotDetect_Volts_u10p6	256		
k_LVSMNotDetect_ms_u16p0	1947		
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.2329788		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	368.732025		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap$	10093		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	812372480		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc	
target Rte Inst Ap CustBattDiag 2.CustBattDiag Per2 VehicleSpeedValid Cnt Ic	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	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_LVSMClr_ms_M_u32p0	2401261056	2401261056	~
CustBattDiag LVSMSet ms M u32p0	488548352	488548352	✓

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

Test Step 2.145 (Repeat Count = 1)	√
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3854587136
CustBattDiag_LOISet_ms_M_u32p0	4040982272
CustBattDiag_LVCCIr_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_LVLSCClr_ms_M_u32p0	2955828480
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888
CustBattDiag_LVLSClr_ms_M_u32p0	3778955520
CustBattDiag_LVLSSet_ms_M_u32p0	3560717056
CustBattDiag_LVSMClr_ms_M_u32p0	2870329600
CustBattDiag_LVSMSet_ms_M_u32p0	2564999936
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	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	✓

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	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_LVLSClr_ms_M_u32p0	51228672	
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	

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CustBattDiag Per2 Input Value CustBattDiag_LVSMClr_ms_M_u32p0 1184989184 3588383232 CustBattDiag_LVSMSet_ms_M_u32p0 Rte Call Ap CustBattDiag EpsEn OP GET(signal) target Rte Call Ap CustBattDiag EpsEn OP GET signal $Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$ 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() 3 293.515503 $k_CustBattDiagLOlspd_kph_f32$ k_CustBattDiaghispd_kph_f32 359.194885 k CustBattDiaglospd kph f32 267 24054 k_LOIDetect_ms_u16p0 48476 1610 k LOINotDetect ms u16p0 k_LVCDetect_Volts_u10p6 1408 k_LVCDetect_ms_u16p0 21874 k_LVCNotDetect_Volts_u10p6 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 k_LVHSNotDetect_ms_u16p0 14039 k LVLSCDetect Volts u10p6 1408 k_LVLSCDetect_ms_u16p0 30144 k_LVLSCNotDetect_Volts_u10p6 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 43960 k_LVSMNotDetect_ms_u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value 26.100338 $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ 0 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 392.62265 $target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal$ target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap 13287 target_Rte_Inst_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 480828416 480828416 CustBattDiag_LOISet_ms_M_u32p0 480828416 480828416

odotbattbidg_coloct_mo_m_dozpo	100020110	100020110	
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_LVHSClr_ms_M_u32p0	703710208	703710208	~
CustBattDiag_LVHSSet_ms_M_u32p0	96814592	96814592	•
CustBattDiag_LVLSCClr_ms_M_u32p0	3972508672	3972508672	~
CustBattDiag_LVLSCSet_ms_M_u32p0	480828416	480828416	•
CustBattDiag_LVLSCIr_ms_M_u32p0	51228672	51228672	~
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192	2509640192	•
CustBattDiag_LVSMClr_ms_M_u32p0	1184989184	1184989184	~
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232	3588383232	•
NTC_Cnt_T_enum	0xE0	0xE0	~
Param_Cnt_T_u08	0x00	0x00	✓
Status_Cnt_T_enum	0x00	0x00	~



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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEntering (Section 1) and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVal	d_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_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	~

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 2.148 (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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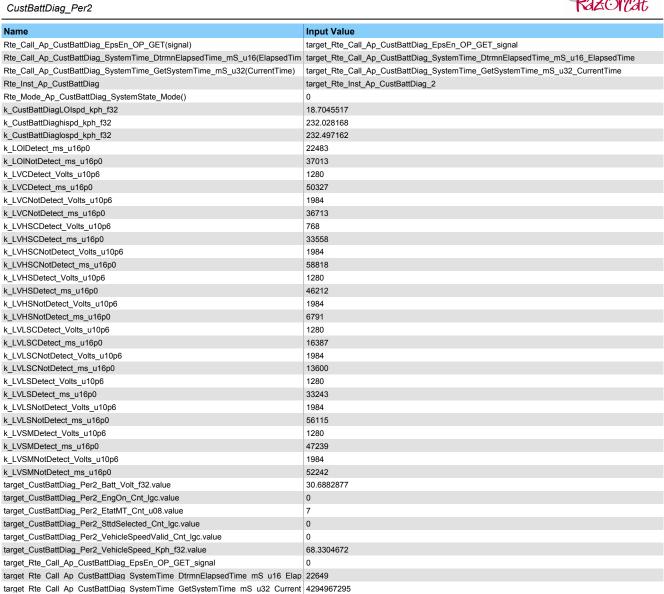
Oddibalibiag_i ciz		•	
Name	Input Value		
k LVHSNotDetect ms u16p0	18880		
k LVLSCDetect Volts u10p6	1152		
k LVLSCDetect ms u16p0	50014		
k LVLSCNotDetect Volts u10p6	1600		
k LVLSCNotDetect ms u16p0	28892		
k LVLSDetect Volts u10p6	1152		
k LVLSDetect ms u16p0	10294		
k_LVLSNotDetect_Volts_u10p6	1600		
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_lgc.value	0		
target CustBattDiag Per2 VehicleSpeedValid Cnt lgc.value	0		
target CustBattDiag Per2 VehicleSpeed Kph f32.value	166.904144		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Ela	p 29121		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Curren	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 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	t_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_I	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	Resul
CustBattDiag LOICIr ms M u32p0	0	0	
CustBattDiag LOISet ms M u32p0	0	0	
CustBattDiag LVCClr ms M u32p0	2462952960	2462952960	
CustBattDiag LVCSet ms M u32p0	2207367168	2207367168	
CustBattDiag 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_LVLSCCIr_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	

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	~

Test Step 2.149 (Repeat Count = 1)		
Name	Input Value	
CustBattDiag_LOICIr_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	

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target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_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
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgatering the property of the prop$	target_CustBattDiag_Per2_VehicleSpeedVal	id_Cnt_lgc
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_Kr	oh_f32
Name	Actual Value	Expected Value
CustBattDiag_LOICIr_ms_M_u32p0	4294967295	4294967295
	1 1001	120 1001 200
CustBattDiag_LOISet_ms_M_u32p0	4294967295	4294967295
CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCCir_ms_M_u32p0	4294967295 3547961344	
9		4294967295
CustBattDiag_LVCClr_ms_M_u32p0	3547961344	4294967295 3547961344

CustBattDiag_LOiSet_ms_in_u32p0	4294967295	4294967295	•
CustBattDiag_LVCCIr_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_LVSMClr_ms_M_u32p0	104481792	104481792	~
CustBattDiag_LVSMSet_ms_M_u32p0	3462514176	3462514176	~

target_CustBattDiag_Per2_Batt_Volt_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	~

target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32

Result





Test Step 2.150 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_LOIClr_ms_M_u32p0	824142592		
CustBattDiag_LOISet_ms_M_u32p0	1719862528		
CustBattDiag_LVCClr_ms_M_u32p0	3448896256		
CustBattDiag_LVCSet_ms_M_u32p0	3355186432		
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	4285181696 3466127616		
CustBattDiag_LVHSCIr ms M u32p0	824142592		
CustBattDiag_LVHSSet_ms_M_u32p0	1719862528		
CustBattDiag_LVLSCCIr_ms_M_u32p0	3392418560		
CustBattDiag_LVLSCSet_ms_M_u32p0	3680963840		
CustBattDiag_LVLSClr_ms_M_u32p0	1343121152		
CustBattDiag_LVLSSet_ms_M_u32p0	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		
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_CurrentTI	me
Rte_Inst_Ap_CustBattDiag Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	target_Rte_Inst_Ap_CustBattDiag_2		
k CustBattDiagLOIspd kph f32	422.184021		
k_CustBattDiaghispd_kph_f32	438.054138		
k_CustBattDiaglospd_kph_f32	12.1321392		
k_LOIDetect_ms_u16p0	35307		
k_LOINotDetect_ms_u16p0	29598		
k_LVCDetect_Volts_u10p6	1088		
k_LVCDetect_ms_u16p0	2337		
k_LVCNotDetect_Volts_u10p6	1664		
k_LVCNotDetect_ms_u16p0	49313		
k_LVHSCDetect_Volts_u10p6	1152		
k_LVHSCDetect_ms_u16p0	43106		
k_LVHSCNotDetect_Volts_u10p6	1664		
k_LVHSCNotDetect_ms_u16p0	39512		
k_LVHSDetect_Volts_u10p6	1088 15545		
k_LVHSDetect_ms_u16p0 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	11246		
k_LVLSDetect_Volts_u10p6	1088		
k_LVLSDetect_ms_u16p0	11749		
k_LVLSNotDetect_Volts_u10p6	1664		
k_LVLSNotDetect_ms_u16p0	34645		
k_LVSMDetect_Volts_u10p6	1088		
k_LVSMDetect_ms_u16p0	52353		
k_LVSMNotDetect_Volts_u10p6	1664 30293		
k_LVSMNotDetect_ms_u16p0 target_CustBattDiag_Per2_Batt_Volt_f32.value	26.5116539		
target_CustBattDiag_Per2_Batt_voit_iss.value 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	164.970108		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	2282		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	3026651904		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_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_Ig			
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	3026651904	3026651904	•
CustBattDiag_LOISet_ms_M_u32p0	3026651904	3026651904	•
CustBattDiag_LVCCIr_ms_M_u32p0	3448896256	3448896256	•
CustBattDiag LVCSet ms M u32p0	3355186432	3355186432	•
Out-4D-44D-4-District 1.7/1/2001 1.1.000	4005404000		
CustBattDiag_LVHSCCIr_ms_M_u32p0 CustBattDiag_LVHSCSet_ms_M_u32p0	4285181696 3026651904	4285181696 3026651904	•

824142592

824142592

CustBattDiag_LVHSCIr_ms_M_u32p0

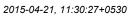
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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSSet_ms_M_u32p0	1719862528	1719862528	•
CustBattDiag_LVLSCCIr_ms_M_u32p0	3392418560	3392418560	~
CustBattDiag_LVLSCSet_ms_M_u32p0	3026651904	3026651904	~
CustBattDiag_LVLSClr_ms_M_u32p0	1343121152	1343121152	~
CustBattDiag_LVLSSet_ms_M_u32p0	692150528	692150528	•
CustBattDiag_LVSMClr_ms_M_u32p0	1593833216	1593833216	~
CustBattDiag_LVSMSet_ms_M_u32p0	4279333120	4279333120	•

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	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~

Test Step 2.151 (Repeat Count = 1)	· ·
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3826743808
CustBattDiag_LOISet_ms_M_u32p0	1920691200
CustBattDiag_LVCClr_ms_M_u32p0	1698548224
CustBattDiag LVCSet ms M u32p0	1681800192
CustBattDiag_LVHSCCIr_ms_M_u32p0	1646341632
CustBattDiag_LVHSCSet_ms_M_u32p0	4008787968
CustBattDiag_LVHSCIr ms M_u32p0	3826743808
CustBattDiag_LVHSCet_ms_M_u32p0	1920691200
CustBattDiag_LVHSSet_IIIs_M_u32p0 CustBattDiag_LVHSSet_IIIs_M_u32p0	1915232768
	527848448
CustBattDiag_LVLSCSet_ms_M_u32p0	4294967295
CustBattDiag_LVLSCIr_ms_M_u32p0	
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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	· · - · · - · - · - ·
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()	0
k_CustBattDiagLOIspd_kph_f32	395.877838
k_CustBattDiaghispd_kph_f32	501.854004
k_CustBattDiaglospd_kph_f32	248.148331
k_LOIDetect_ms_u16p0	30881
k_LOINotDetect_ms_u16p0	64481
k_LVCDetect_Volts_u10p6	448
k_LVCDetect_ms_u16p0	20899
k_LVCNotDetect_Volts_u10p6	256
k_LVCNotDetect_ms_u16p0	13020
k_LVHSCDetect_Volts_u10p6	192
k_LVHSCDetect_ms_u16p0	59507
k_LVHSCNotDetect_Volts_u10p6	256
k_LVHSCNotDetect_ms_u16p0	23544
k_LVHSDetect_Volts_u10p6	448
k LVHSDetect ms u16p0	1973
k LVHSNotDetect Volts u10p6	256
k LVHSNotDetect ms u16p0	35064
k LVLSCDetect Volts u10p6	448
k LVLSCDetect ms u16p0	10345
k LVLSCNotDetect Volts u10p6	256
k LVLSCNotDetect ms u16p0	1524
k LVLSDetect Volts u10p6	448
k LVLSDetect ms u16p0	17008
k_LVLSNotDetect_Volts_u10p6	256
k_LVLSNotDetect_voits_u10p0	57149
k_LVSMDetect_Volts_u10p6	448
k_LVSMDetect_ms_u16p0	37076
k_LVSMNotDetect_Volts_u10p6	256
k LVSMNotDetect ms u16p0	1947
IL_EVOIMITOLE CICCL_ITIS_U TOPO	IVI





Name	Input Value			
target_CustBattDiag_Per2_Batt_Volt_f32.value	20.2329788			
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0			
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9			
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0			
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1			
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	368.732025			
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap$	0			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	480828416			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg$	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	480828416	480828416	~	
CustBattDiag_LOISet_ms_M_u32p0	480828416	480828416	•	
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_LVLSCCIr_ms_M_u32p0	1915232768	1915232768	•	
CustBattDiag_LVLSCSet_ms_M_u32p0	527848448	527848448	•	
CustBattDiag_LVLSClr_ms_M_u32p0	4294967295	4294967295	~	
CustBattDiag_LVLSSet_ms_M_u32p0	3762345984	3762345984	~	
CustBattDiag_LVSMClr_ms_M_u32p0	2401261056	2401261056	~	
CustBattDiag LVSMSet ms M u32p0	488548352	488548352	~	

T				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	•
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	~

Test Step 2.152 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_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_LVLSCClr_ms_M_u32p0	2955828480
CustBattDiag_LVLSCSet_ms_M_u32p0	3616261888
CustBattDiag_LVLSClr_ms_M_u32p0	3778955520
CustBattDiag_LVLSSet_ms_M_u32p0	3560717056
CustBattDiag_LVSMCIr_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
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_	_Vol_f2V2vValue	32





Name	Input Value
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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	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 0
k_LVSMNotDetect_Volts_u10p6 k_LVSMNotDetect ms_u16p0	43960
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.100338
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	2
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1
target CustBattDiag Per2 VehicleSpeed Kph f32.value	392.62265
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	58453
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_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	1994274304 1994274304 🗸
CustBattDiag_LOISet_ms_M_u32p0	1994274304 1994274304
CustBattDiag_LVCCIr_ms_M_u32p0	1154126848 1154126848
CustBattDiag_LVCSet_ms_M_u32p0	1994274304 1994274304
CustBattDiag_LVHSCClr_ms_M_u32p0	157882368 157882368
CustBattDiag_LVHSCSet_ms_M_u32p0	1994274304 1994274304
CustBattDiag_LVHSClr_ms_M_u32p0	703710208 703710208
CustBattDiag_LVHSSet_ms_M_u32p0	96814592 96814592
CustBattDiag_LVLSCCIr_ms_M_u32p0	3972508672 3972508672 •
CustBattDiag_LVLSCSet_ms_M_u32p0	1994274304 1994274304
CustBattDiag_LVLSClr_ms_M_u32p0	512286 72
CustBattDiag_LVLSSet_ms_M_u32p0	2509640192 2509640192
CustBattDiag_LVSMClr_ms_M_u32p0	1184989184 1184989184
CustBattDiag_LVSMSet_ms_M_u32p0	3588383232 3588383232
NTC_Cnt_T_enum	0xE0



¹ 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 2.154 (Repeat Count = 1)	
	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	0
	2265470720
	88833280
	2406868736
	3978875136
	2987416320
	0
	2265470720
	284783872
	2873270016
	3875817728
	2653328128
	1175345408
	1759716096
	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
	2
, ,	46.8303299
	43.967144
_	110.251198
_ , _ , _	29336
	64229
	192
	17189
	1472
	20327
	1792
,	26818
	1472
	13070
	192
	53319
	1472
	52834
	192
	62910
	1472
	12244
	192
:	192 44995
,	1472
<pre><_LVLSNotDetect_ms_u16p0</pre> <pre>< LVSMDetect Volts u10p6</pre>	27804 192
,	37393 1472
	1472
	49796
target_CustBattDiag_Per2_Batt_Volt_f32.value	17.8311119
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1

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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	~

T (0) 0455 (D (0) (4)	
Test Step 2.155 (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_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

CustBattDiag_Per2

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Name	Input Value		
k_LOINotDetect_ms_u16p0	47105		
k LVCDetect Volts u10p6	512		
k_LVCDetect_ms_u16p0	50153		
k_LVCNotDetect_Volts_u10p6	1984		
k_LVCNotDetect_ms_u16p0	39420		
k_LVHSCDetect_Volts_u10p6	384		
k_LVHSCDetect_ms_u16p0	37076		
k_LVHSCNotDetect_Volts_u10p6	1984		
k_LVHSCNotDetect_ms_u16p0	30407		
k_LVHSDetect_Volts_u10p6	512		
k_LVHSDetect_ms_u16p0	59748		
k_LVHSNotDetect_Volts_u10p6	1984		
k_LVHSNotDetect_ms_u16p0	57067		
k_LVLSCDetect_Volts_u10p6	512		
k_LVLSCDetect_ms_u16p0	55246		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	7396		
k_LVLSDetect_Volts_u10p6	512		
k_LVLSDetect_ms_u16p0	38623		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	52909		
k_LVSMDetect_Volts_u10p6	512		
k_LVSMDetect_ms_u16p0	16662		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	63763		
target_CustBattDiag_Per2_Batt_Volt_f32.value	26.0020676		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	14		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	282.194244		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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		1
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_LVHSCClr_ms_M_u32p0	1621643264	1621643264	
CustBattDiag_LVHSCSet_ms_M_u32p0	4103713280	4103713280	Y
CustBattDiag_LVHSClr_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_LVLSCIr_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				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 2.156 (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

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Name	Input Value		
CustBattDiag_LVHSClr_ms_M_u32p0	962533120		
CustBattDiag_LVHSSet_ms_M_u32p0	1580304640		
CustBattDiag_LVLSCClr_ms_M_u32p0	3957036800		
CustBattDiag_LVLSCSet_ms_M_u32p0	1367216384		
CustBattDiag_LVLSCIr_ms_M_u32p0	1482492672		
CustBattDiag_LVLSSet_ms_M_u32p0	4137788672		
CustBattDiag_LVSMCIr_ms_M_u32p0	3325532928 2982327552		
CustBattDiag_LVSMSet_ms_M_u32p0 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C	DR GET signal	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime			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_CustBattDiagLOlspd_kph_f32	376.811523		
k_CustBattDiaghispd_kph_f32	173.822388		
k_CustBattDiaglospd_kph_f32	412.305878		
k_LOIDetect_ms_u16p0	23942		
k_LOINotDetect_ms_u16p0	7977		
k_LVCDetect_Volts_u10p6	768		
k_LVCDetect_ms_u16p0	60794		
k_LVCNotDetect_Volts_u10p6	576		
k_LVCNotDetect_ms_u16p0	55994		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	52602		
k_LVHSCNotDetect_Volts_u10p6 k_LVHSCNotDetect_ms_u16p0	576 44313		
k_LVHSDetect_Volts_u10p6	768		
k_LVHSDetect_ms_u16p0	38505		
k_LVHSNotDetect_Volts_u10p6	576		
k_LVHSNotDetect_ms_u16p0	17997		
k_LVLSCDetect_Volts_u10p6	768		
k LVLSCDetect ms u16p0	61116		
k_LVLSCNotDetect_Volts_u10p6	576		
k_LVLSCNotDetect_ms_u16p0	42354		
k_LVLSDetect_Volts_u10p6	768		
k_LVLSDetect_ms_u16p0	27175		
k_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	55222		
k_LVSMDetect_Volts_u10p6	768		
k_LVSMDetect_ms_u16p0	63523		
k_LVSMNotDetect_Volts_u10p6	576		
k_LVSMNotDetect_ms_u16p0	21538		
target_CustBattDiag_Per2_Batt_Volt_f32.value target CustBattDiag_Per2_EngOn_Cnt_lgc.value	30.2673378		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	1		
target CustBattDiag Per2 SttdSelected Cnt Igc.value	0		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	336.588959		
target Rte Call Ap CustBattDiag EpsEn OP GET signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_l \cite{CustBattDiag}$			
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_K		
Name	Actual Value	Expected Value	Resu
CustBattDiag_LOIClr_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_LVHSCSet_ms_M_u32p0	1726337792	1726337792	•
CustBattDiag_LVHSCSet_ms_M_u32p0 CustBattDiag_LVHSCIr_ms_M_u32p0	2736368896 962533120	2736368896 962533120	
CustBattDiag_LVHSCir_ms_M_u32p0 CustBattDiag_LVHSSet_ms_M_u32p0	2114062080	2114062080	
CustBattDiag_LVHSSet_riis_M_u32p0 CustBattDiag_LVLSCCIr ms M_u32p0	3957036800	3957036800	
CustBattDiag_LVLSCSet ms M u32p0	1367216384	1367216384	
CustBattDiag_LVLSCIr_ms_M_u32p0 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	0xE8	

0xE8

NTC_Cnt_T_enum

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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	~

Name	Input Value
CustBattDiag LOICIr ms M u32p0	3938924544
CustBattDiag LOISet ms M u32p0	0
CustBattDiag_LVCCIr ms M_u32p0	121440256
CustBattDiag_LVCCii_ms_iv_u32p0	3571132928
CustBattDiag_LVCSet_His_ivi_u32p0 CustBattDiag_LVHSCCIr ms M u32p0	3428305920
CustBattDiag_LVHSCSet ms M u32p0	1932299776
CustBattDiag_LVHSCIr_ms_M_u32p0	3938924544
	0
CustBattDiag_LVHSSet_ms_M_u32p0	3565395968
CustBattDiag_LVLSCCIr_ms_M_u32p0	
CustBattDiag_LVLSCSet_ms_M_u32p0	2405007872
CustBattDiag_LVLSCIr_ms_M_u32p0	2336089088
CustBattDiag_LVLSSet_ms_M_u32p0	792094208
CustBattDiag_LVSMCIr_ms_M_u32p0	2199827456
CustBattDiag_LVSMSet_ms_M_u32p0	1238873600
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(Elaps	
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()	1
<_CustBattDiagLOlspd_kph_f32	65.4553528
<_CustBattDiaghispd_kph_f32	428.238281
k_CustBattDiaglospd_kph_f32	73.2604828
k_LOIDetect_ms_u16p0	34418
<_LOINotDetect_ms_u16p0	30330
k_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
<pre>c_LVHSCNotDetect_ms_u16p0</pre>	28819
LVHSDetect Volts u10p6	1344
LVHSDetect ms u16p0	19949
LVHSNotDetect Volts u10p6	1664
<pre>LVHSNotDetect_ms_u16p0</pre>	29222
<pre>LVLSCDetect_Volts_u10p6</pre>	1344
<pre>c_tVLSCDetect_ms_u16p0</pre>	10199
LVLSCNotDetect Volts u10p6	1664
LVLSCNotDetect ms u16p0	21298
< LVLSDetect Volts u10p6	1344
< LVLSDetect ms u16p0	54733
< LVLSNotDetect Volts u10p6	1664
<pre><_LVLSNotDetect_ms_u16p0</pre>	5171
K_LVLSNOtDetect_rns_u16p0 K_LVSMDetect_Volts_u10p6	1344
<pre><_LVSMDetect_voils_u16p0</pre>	61527
	1664
<pre><_LVSMNotDetect_Volts_u10p6</pre> < LVSMNotDetect ms u16p0	20929

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	, 11.30.27 (0330	Raz	zorcat
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	56661		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	1348980736		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_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	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_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	✓
CustBattDiag_LVHSClr_ms_M_u32p0	3938924544	3938924544	~
CustBattDiag_LVHSSet_ms_M_u32p0	0	0	✓

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	~

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Test Step 2.158 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	1177099008
CustBattDiag_LOISet_ms_M_u32p0	4294967295
CustBattDiag_LVCClr_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_LVLSCCIr_ms_M_u32p0	1553195776
CustBattDiag_LVLSCSet_ms_M_u32p0	1444560128
CustBattDiag_LVLSClr_ms_M_u32p0	3866433280
CustBattDiag_LVLSSet_ms_M_u32p0	1997771008
CustBattDiag_LVSMClr_ms_M_u32p0	1175627520
CustBattDiag_LVSMSet_ms_M_u32p0	275751168
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	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

CustBattDiag_Per2

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Input Value k_LVHSCNotDetect_ms_u16p0 19364 k_LVHSDetect_Volts_u10p6 640 32830 k LVHSDetect ms u16p0 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 1280 k_LVSMNotDetect_Volts_u10p6 k_LVSMNotDetect_ms_u16p0 60170 target_CustBattDiag_Per2_Batt_Volt_f32.value 11.7127361 $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ target_CustBattDiag_Per2_EtatMT_Cnt_u08.value 14 $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value$ 1 target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value 0 411.416809 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 5655 target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current 4121383680 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_Batt_Volt_f32 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc$ target_CustBattDiag_Per2_EngOn_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 $target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc$ $target_CustBattDiag_Per2_SttdSelected_Cnt_lgc$ target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_ls_target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

- 31 - 12 12 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1			
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	~	
CustBattDiag_LVHSSet_ms_M_u32p0	4294967295	4294967295	•	
CustBattDiag_LVLSCCIr_ms_M_u32p0	1553195776	1553195776	•	
CustBattDiag_LVLSCSet_ms_M_u32p0	1444560128	1444560128	✓	
CustBattDiag_LVLSCIr_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	✓	

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	✓

Name	Innut Value	
Name	Input Value	
CustBattDiag_LOIClr_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_LVLSCIr_ms_M_u32p0	3847978496	
CustBattDiag_LVLSSet_ms_M_u32p0	3722973184	
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560	
CustBattDiag LVSMSet ms M u32p0	1444143104	

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Name	Input Value		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_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()	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 k LVCNotDetect ms u16p0	1344 15327		
k_LVHSCDetect_Volts_u10p6	384		
k LVHSCDetect ms u16p0	26734		
k_LVHSCNotDetect_Volts_u10p6	1344		
k_LVHSCNotDetect_ms_u16p0	13885		
k_LVHSDetect_Volts_u10p6	1664		
k_LVHSDetect_ms_u16p0	53879		
k_LVHSNotDetect_Volts_u10p6	1344		
k_LVHSNotDetect_ms_u16p0	9900		
k_LVLSCDetect_Volts_u10p6	1664		
k_LVLSCDetect_ms_u16p0	13397		
k_LVLSCNotDetect_Volts_u10p6	1344		
k_LVLSCNotDetect_ms_u16p0	22453		
k_LVLSDetect_Volts_u10p6	1664		
k_LVLSDetect_ms_u16p0	59955		
k_LVLSNotDetect_Volts_u10p6	1344		
k_LVLSNotDetect_ms_u16p0	32510		
k_LVSMDetect_Volts_u10p6	1664		
k_LVSMDetect_ms_u16p0	63823		
k_LVSMNotDetect_Volts_u10p6	1344		
k_LVSMNotDetect_ms_u16p0	20283		
target_CustBattDiag_Per2_Batt_Volt_f32.value	14.1898336		
target_CustBattDiag_Per2_EngOn_Cnt_Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value target CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target CustBattDiag Per2 VehicleSpeedValid Cnt Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	84.6545792		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 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_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	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_LVLSClr_ms_M_u32p0	3847978496	3847978496	~
CustBattDiag_LVLSSet_ms_M_u32p0	3722973184	3722973184	V
CustBattDiag_LVSMClr_ms_M_u32p0	4039298560	4039298560	· ·
CustBattDiag_LVSMSet_ms_M_u32p0	1444143104	1444143104	~

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	•

CustBattDiag_Per2

2015-04-21, 11:30:27+0530



CustBattDiag_Per2

2015-04-21, 11:30:27+0530



Test Case 3: Path Test

2015-04-21, 11:30:27+0530

Razorcat

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
TS3.20 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) &&
((VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32)) ==> False
((BattVoltage_Volts_T_u10p6 > k_LVLSCDetect_Volts_u10p6) &&
((VehSpd_Kph_T_f32 <= k_CustBattDiaglospd_kph_f32)) ==> False
((BattVoltage_Volts_T_u10p6 < k_LVLSCDetect_Volts_u10p6) &&
((VehSpd_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_
```



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((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_Tu08 = D_CNT_CNT_U08)||
(EtatMt_Cnt_Tu08 = D_ENGRUNNING_CNT_U08)||
(EtatMt_Cnt_Tu08 = D_ENGRUNNING_CNT_U08)||
(EtatMt_Cnt_Tu08 = D_ENGRUNNING_CNT_U08)||
(EtatMt_Cnt_Tu08 = D_ENGREPARING_CNT_U08)||
(Eysen_Cnt_Tugc = FALSE) &&
((EngOn_Cnt_Tugc = TRUE)||
((Eysen_Cnt_Tugc = TRUE)||
((Eysen_Cnt_Tugc = TRUE)||
((Eysen_Cnt_Tugc = TRUE)||
((SystemState_Cnt_Tunum = RTE_MODE_StaMd_Mode_WARMINIT)||
((SystemState_Cnt_Tunum = RTE_MODE_StaMd_Mode_OPERATE)||
((SystemState_Cnt_Tunum = RTE_MODE_StaMd_Mode_OPERATE)||
((SystemState_Cnt_Tunum = RTE_MODE_StaMd_Mode_DISABLE) &&
((EpsEn_Cnt_Tugc = TRUE)) ==>True
((SattVoltage_Volts_Tu10p6 > k_LVLSNotDetect_Volts_u10p6) ==>True
((SattVoltage_Volts_Tu10p6 > k_LVLSNotDetect_Volts_u10p6) ==>True
((SattVoltage_Volts_Tu10p6 > k_LVLSNotDetect_Volts_u10p6) ==>True
((SattVoltage_Volts_Tu10p6 > k_LVLSNotDetect_Volts_u10p6) ==>True
((SattMt_Cnt_Tu08 = D_STARTING_CNT_U08))||
((EtatMt_Cnt_Tu08 = D_DEGRESTART_CNT_U08))||
((EtatMt_Cnt_Tu08 = D_DEGRESTART_CNT_U08))||
((EtatMt_Cnt_Tu08 = D_AUTORSTARTING_CNT_U08))||
((EtatMt_Cnt_Tu08 = D_AUTORSTARTING_CNT_U08))||
((EtatMt_Cnt_Tu08 = D_DEGRESTART_CNT_U08))||
((SystemState_Cnt_Tenum = RTE_MODE_StaMd_Mode_OPERATE)||
((SystemState_Cnt_Tenum = RTE_MODE_StaMd_Mode_OPERATE)||
((SystemState_Cnt_Tenum = RTE_MODE_StaMd_Mode_OPERATE)||
((SystemState_Cnt_Tenum = RTE_MODE_StaMd_Mode
(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_LVHSNotDetect_Volts_u10p6 ) ==>False ((VehSpd_Kph_T_f32 > k_CustBattDiaghispd_kph_f32) || ((VehSpd_Volts_T_u10p6 < k_LVLSNotDetect_Volts_u10p6 ) ==>False (SystemState_Cnt_T_enum == RTE_MODE_StaMd_Mode_OPERATE)))) ==>False (BattVoltage_Volts_T_u10p6 < k_LVLSNotDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 < k_LVHSCNotDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 ) ==>False ((BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 < k_LVLSCNotDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 > k_LVLSCNotDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 < k_LVLSCNotDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 < k_LVLSCNotDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 < k_LVSCNotDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u10p6 < k_LVSMNotDetect_Volts_u10p6 ) ==>False (BattVoltage_Volts_T_u08 = D_STARTING_CNT_U08) || (EtatMt_Cnt_T_u08 = D_DAVTARSTART_CNT_U08) || (EtatMt_Cnt_T_u08 = D_AUTORSTART
```



(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

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target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
im 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
0
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0
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ap 0
ap 0 ent 0
target_CustBattDiag_Per2_Batt_Volt_f32
target_CustBattDiag_Per2_Batt_Voit_r32 target_CustBattDiag_Per2_EngOn_Cnt_lgc
target CustRattDiag Per2 FtatMT Cnt u08
target_CustBattDiag_Per2_EtatMT_Cnt_u08
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc _lc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc _tc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc _target_CustBattDiag_Per2_VehicleSpeed_Kph_f32
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value Res
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc _tc target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc _target_CustBattDiag_Per2_VehicleSpeed_Kph_f32

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_LVLSClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVLSSet_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMClr_ms_M_u32p0	0	0	✓
CustBattDiag_LVSMSet_ms_M_u32p0	0	0	✓

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

Test Step 3.2 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_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
ustBattDiag_LVSMClr_ms_M_u32p0	4294967295
CustBattDiag_LVSMSet_ms_M_u32p0	4294967295
tte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	dTim_target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
tte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTi	
tte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
tte_Mode_Ap_CustBattDiag_SystemState_Mode()	4
_CustBattDiagLOIspd_kph_f32	512
CustBattDiaghispd kph f32	512
_CustBattDiaglospd_kph_f32	512
_COIDetect_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_worldp0	65535
	1984
_LVHSCNotDetect_Volts_u10p6	65535
_LVHSCNotDetect_ms_u16p0	
_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
arget_CustBattDiag_Per2_Batt_Volt_f32.value	31
arget_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1





•		
15		
1		
1		
512		
1		
65535		
4294967295		
target_CustBattDiag_Per2_Batt_Volt_f32		
target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_CustBattDiag_Per2_EtatMT_Cnt_u08		
$target_CustBattDiag_Per2_SttdSelected_Cnt_$	_lgc	
$target_CustBattDiag_Per2_VehicleSpeedVali$	d_Cnt_lgc	
target_CustBattDiag_Per2_VehicleSpeed_Kp	h_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	✓
	1 512 1 65535 4294967295 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_SttdSelected_Cnt_target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeedVali target_CustBattDiag_Per2_VehicleSpeed_Kp Actual Value 4294967295	15 1 1 1 512 1 65535 4294967295 target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_EtatMT_Cnt_u08 target_CustBattDiag_Per2_VehicleSpeed_Valid_Cnt_lgc target_CustBattDiag_Per2_VehicleSpeed_Kph_f32 Actual Value Expected Value 4294967295

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

Test Step 3.3 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	2027075584
CustBattDiag_LOISet_ms_M_u32p0	3140770304
CustBattDiag_LVCClr_ms_M_u32p0	2955446272
CustBattDiag_LVCSet_ms_M_u32p0	1234348544
CustBattDiag_LVHSCClr_ms_M_u32p0	64703488
CustBattDiag_LVHSCSet_ms_M_u32p0	3996913152
CustBattDiag_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

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Name	Input Value		
k_LVHSDetect_ms_u16p0	18564		
k_LVHSNotDetect_Volts_u10p6	1088		
k LVHSNotDetect ms u16p0	60914		
k LVLSCDetect Volts u10p6	128		
k LVLSCDetect ms u16p0	16071		
k LVLSCNotDetect Volts u10p6	1088		
k LVLSCNotDetect ms u16p0	33686		
k_LVLSDetect_Volts_u10p6	128		
k LVLSDetect ms u16p0	14252		
k LVLSNotDetect Volts u10p6	1088		
k LVLSNotDetect ms u16p0	62983		
k_LVSMDetect_Volts_u10p6	128		
k_LVSMDetect_ms_u16p0	39718		
k_LVSMNotDetect_Volts_u10p6	1088		
k LVSMNotDetect ms u16p0	45828		
target CustBattDiag Per2 Batt Volt f32.value	20.7224941		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	6		
target_CustBattDiag_Per2_SttdSelected_Cnt_Igc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	512		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	0		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	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_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		
			D 14
Name	Actual Value	Expected Value	Result
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	V
CustBattDiag_LVHSCSet_ms_M_u32p0	906186752	906186752	
CustBattDiag_LVHSCIr_ms_M_u32p0	2027075584	2027075584	~
CustBattDiag_LVHSSet_ms_M_u32p0	3140770304	3140770304	V
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	~
CustBattDiag_LVSMCIr_ms_M_u32p0	269628416	269628416	~
CustBattDiag_LVSMSet_ms_M_u32p0	1406612992	1406612992	-
NTC_Cnt_T_enum	0xE8	0xE8	~
Param_Cnt_T_u08	0x01	0x01	~
			✓
Status_Cnt_T_enum	0x01	0x01	
Status_Cnt_T_enum NTC_Cnt_T_enum	0x01 0xE0	0x01 0xE0	•
Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08	0x01 0xE0 0x00	0x01 0xE0 0x00	~
Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum	0x01 0xE0 0x00 0x00	0x01 0xE0 0x00 0x00	· ·
Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum	0x01 0xE0 0x00 0x00 0xE3	0x01 0xE0 0x00 0x00 0xE3	· ·
Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08	0x01 0xE0 0x00 0x00 0xE3 0x00	0x01 0xE0 0x00 0x00 0xE3 0x00	· · ·
Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08	0x01 0xE0 0x00 0x00 0xE3 0x00 0x00	0x01 0xE0 0x00 0x00 0xE3 0x00 0x00	· · · · · · · · · · · · · · · · · · ·
Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum NTC_Cnt_T_enum	0x01 0xE0 0x00 0x00 0xE3 0x00 0x00 0xE4	0x01 0xE0 0x00 0x00 0xE3 0x00 0x00 0xE4	· · · · · · · · · · · · · · · · · · ·
Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum NTC_Cnt_T_enum Param_Cnt_T_u08 Status_Cnt_T_enum Param_Cnt_T_u08	0x01 0xE0 0x00 0x00 0xE3 0x00 0x00	0x01 0xE0 0x00 0x00 0xE3 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	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	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)	v v v v v v v v v v v v v v v v v v v
	Input Value
	705075968
0	1810478336
	3745852160
0	3725509888
0	339533568
	3265435904
0	705075968
	1810478336
	4246823680
0	2009316608
0	1144690432
0	1454706944
	344309280
0	
	1349591296
	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
	target_Rte_Inst_Ap_CustBattDiag_2
	3
_ 0 1 _ 1 _	142.452698
_	500.45459
_ 0 1 _ 1 _	194.12117
	41207
2 * * * * * * * * * * * * * * * * * * *	33211
	960
	19669
	128
2 1 11 11 12 12 17	15142
	1792
	62186
	128
	18321
	960
	20087
	128
	20775
	960
	57920
	128
	50252
	960
	24113
2 1 11 111 2 1 12 1 17	128
	45721
	960
	11874
	128
k LVSMNotDetect ms u16p0	13631

CustBattDiag_Per2

 $CustBattDiag_LVHSCSet_ms_M_u32p0$

CustBattDiag_LVHSClr_ms_M_u32p0

 $CustBattDiag_LVHSSet_ms_M_u32p0$

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

NTC_Cnt_T_enum

Param_Cnt_T_u08

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		1	
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_Curren	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	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.$	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	315937536	315937536	~
CustBattDiag_LOISet_ms_M_u32p0	315937536	315937536	•
CustBattDiag_LVCCIr_ms_M_u32p0	3745852160	3745852160	~
CustBattDiag_LVCSet_ms_M_u32p0	3725509888	3725509888	~
CustBattDiag_LVHSCClr_ms_M_u32p0	339533568	339533568	~

3265435904

705075968

315937536

4246823680

42468336668

1144690432

315937536

3443009280

1349591296

0xE1

0x00

3265435904

705075968

315937536

4246823680

2009316608

1144690432

315937536

3443009280

1349591296

0xE1

0x00

Status_Cnt_I_enum		0x00		
Τ				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	

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CustBattDiag_Per2			TUACITU
Name	Input Value		
k_CustBattDiaglospd_kph_f32	338.766144		
k_LOIDetect_ms_u16p0	51434		
k LOINotDetect ms u16p0	11447		
k_LVCDetect_Volts_u10p6	0		
k LVCDetect ms u16p0	5329		
k_LVCNotDetect_Volts_u10p6	1088		
k LVCNotDetect ms u16p0	50167		
k_LVHSCDetect_Volts_u10p6	1472		
k_LVHSCDetect_ms_u16p0	57938		
k_LVHSCNotDetect_Volts_u10p6	1088		
k LVHSCNotDetect ms u16p0	55412		
k_LVHSDetect_Volts_u10p6	0		
k LVHSDetect ms u16p0	11723		
k_LVHSNotDetect_Volts_u10p6	1088		
k LVHSNotDetect ms u16p0	11475		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	20160		
k_LVLSCNotDetect_Volts_u10p6	1088		
k_LVLSCNotDetect_ms_u16p0	30517		
k_LVLSDetect_Volts_u10p6	0		
k LVLSDetect ms u16p0	9999		
k_LVLSNotDetect_Volts_u10p6	1088		
k_LVLSNotDetect_ms_u16p0	23405		
k LVSMDetect Volts u10p6	0		
k LVSMDetect ms u16p0	18074		
k LVSMNotDetect Volts u10p6	1088		
k_LVSMNotDetect_voils_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_Igc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	104.126129		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap			
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	: 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 Kp		
Name	Actual Value	Expected Value	Result
CustBattDiag LOICIr ms M u32p0	2586593792	2586593792	rtoouit
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_LVI-ISSet_IIIs_W_u32p0 CustBattDiag_LVLSCCIr ms M u32p0	2173082112	2173082112	
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCSet ms_M_u32p0	596085760	596085760	
CustBattDiag_LVLSCSet_ms_M_u32p0 CustBattDiag_LVLSCIr_ms_M_u32p0	2586593792	2586593792	
CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	2586593792	2586593792	
CustBattDiag_LVSSct_mis_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	3511832064	3511832064	
CustBattDiag_LVSMCii_nis_M_uszp0 CustBattDiag_LVSMSet ms M u32p0	2081382400	2081382400	
Custbattbiag_LvSiviSet_IIIS_IVI_uS2pu	2001002400	2001302400	_

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	~
ControlTimers	1	ControlTimers	1	•
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32	1	~





Test Step 3.6 (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		
CustBattDiag_LVLSSet_ms_M_u32p0	2965054720		
CustBattDiag_LVSMCIr_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		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim		ime_DtrmnElapsedTime_mS_u16_ElapsedT	
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()	2 265.324677		
k_CustBattDiagLOIspd_kph_f32 k_CustBattDiaghispd_kph_f32	309.285675		
к_CustBattDiaghispd_крп_i32 k CustBattDiaglospd kph f32	45.3836021		
k_LOIDetect_ms_u16p0	36263		
k_LOIDetect_nis_u10p0 k_LOINotDetect_ms_u16p0	22895		
k_LVCDetect_Volts_u10p6	1664		
k_LVCDetect_ms_u16p0	25819		
k_LVCNotDetect_Volts_u10p6	320		
k_LVCNotDetect_ms_u16p0	35392		
k_LVHSCDetect_Volts_u10p6	768		
k_LVHSCDetect_ms_u16p0	3195		
k_LVHSCNotDetect_Volts_u10p6	320		
k_LVHSCNotDetect_ms_u16p0	6974		
k_LVHSDetect_Volts_u10p6	1664		
k_LVHSDetect_ms_u16p0	20123		
k_LVHSNotDetect_Volts_u10p6	320		
k_LVHSNotDetect_ms_u16p0	27170		
k_LVLSCDetect_Volts_u10p6	1664		
k_LVLSCDetect_ms_u16p0	40806		
k_LVLSCNotDetect_Volts_u10p6	320		
k_LVLSCNotDetect_ms_u16p0	15615		
k_LVLSDetect_Volts_u10p6	1664		
k_LVLSDetect_ms_u16p0	47361		
k_LVLSNotDetect_Volts_u10p6	320		
k_LVLSNotDetect_ms_u16p0	49651		
k_LVSMDetect_Volts_u10p6	1664		
k_LVSMDetect_ms_u16p0	52013		
k_LVSMNotDetect_Volts_u10p6	320		
k_LVSMNotDetect_ms_u16p0	1808		
target_CustBattDiag_Per2_Batt_Volt_f32.value target CustBattDiag Per2 EngOn Cnt lgc.value	21.8831902		
target_CustBattDiag_Per2_EngOn_Cnt_igc.value target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_EtatM1_Cnt_u08.value target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_verificeSpeed.valid_Crit_igc.value	87.3961639		
target Rte Call Ap CustBattDiag EpsEn OP GET signal	1		
target_Rte_Call_Ap_CustBattDiag_EpsEn_Or_GEr_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	3	
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	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	•
CustDattDiag IV/ICCCst ma M v22m0	3378720000	3378720000	
CustBattDiag_LVHSCSet_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				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 3.7 (Repeat Count = 1)	
Name	Input Value
CustBattDiag LOICIr ms M u32p0	2107856384
CustBattDiag LOISet ms M u32p0	4128876544
CustBattDiag LVCClr 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
CustBattDiag_LVLSCCIr_ms_M_u32p0	4141317632
CustBattDiag_LVLSCSet_ms_M_u32p0	583274496
CustBattDiag_LVLSClr_ms_M_u32p0	2080055808
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912
CustBattDiag_LVSMClr_ms_M_u32p0	3398136320
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	307.761597
k_CustBattDiaghispd_kph_f32	505.83429
k_CustBattDiaglospd_kph_f32	103.274986
k_LOIDetect_ms_u16p0	15147
k_LOINotDetect_ms_u16p0	17772
k_LVCDetect_Volts_u10p6	704
k_LVCDetect_ms_u16p0	56591
k_LVCNotDetect_Volts_u10p6	1984
k_LVCNotDetect_ms_u16p0	36474
k_LVHSCDetect_Volts_u10p6	1856
k_LVHSCDetect_ms_u16p0	37359
k_LVHSCNotDetect_Volts_u10p6	1984
k_LVHSCNotDetect_ms_u16p0	8510
k_LVHSDetect_Volts_u10p6	704
k_LVHSDetect_ms_u16p0	37809
k_LVHSNotDetect_Volts_u10p6	1984

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Name	Input Value		
k_LVHSNotDetect_ms_u16p0	65457		
k_LVLSCDetect_Volts_u10p6	704		
k_LVLSCDetect_ms_u16p0	22176		
k_LVLSCNotDetect_Volts_u10p6	1984		
k_LVLSCNotDetect_ms_u16p0	23531		
k_LVLSDetect_Volts_u10p6	704		
k_LVLSDetect_ms_u16p0	8174		
k_LVLSNotDetect_Volts_u10p6	1984		
k_LVLSNotDetect_ms_u16p0	13871		
k_LVSMDetect_Volts_u10p6	704		
k_LVSMDetect_ms_u16p0	33674		
k_LVSMNotDetect_Volts_u10p6	1984		
k_LVSMNotDetect_ms_u16p0	46073		
target_CustBattDiag_Per2_Batt_Volt_f32.value	19.359869		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	15		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	114.504883		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u0	8	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_C	nt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IgEnder SpeedValid_Cnt_IgEnder SpeedVa$	target_CustBattDiag_Per2_VehicleSpeedVehic	alid_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32	target_CustBattDiag_Per2_VehicleSpeed_I	(ph_f32	
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_LVHSClr_ms_M_u32p0	2107856384	2107856384	✓
CustBattDiag_LVHSSet_ms_M_u32p0	4128876544	4128876544	•
CustBattDiag_LVLSCClr_ms_M_u32p0	1514417664	1514417664	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1514417664	1514417664	•
CustBattDiag_LVLSClr_ms_M_u32p0	2080055808	2080055808	•
CustBattDiag_LVLSSet_ms_M_u32p0	4165030912	4165030912	•
CustBattDiag_LVSMClr_ms_M_u32p0	3398136320	3398136320	•
CustBattDiag_LVSMSet_ms_M_u32p0	1677599744	1677599744	•
NTC_Cnt_T_enum	0xE8	0xE8	•
Param_Cnt_T_u08	0x00	0x00	✓
Status Cnt T enum	0x00	0x00	✓

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	

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Name	Input Value		
CustBattDiag_LVLSCSet_ms_M_u32p0	2439117056		
CustBattDiag_LVLSClr_ms_M_u32p0	279130880		
CustBattDiag_LVLSSet_ms_M_u32p0	556666112		
CustBattDiag_LVSMClr_ms_M_u32p0	747094784		
CustBattDiag_LVSMSet_ms_M_u32p0	2414419200		
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_C		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	3	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_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	3 231.466919		
k_CustBattDiagLOIspd_kph_f32	494.356628		
k_CustBattDiaghispd_kph_f32 k_CustBattDiaglospd_kph_f32	17.6589031		
k_LOIDetect_ms_u16p0	39506		
k LOINotDetect ms u16p0	45731		
k LVCDetect Volts u10p6	1920		
k_LVCDetect_ms_u16p0	28370		
k_LVCNotDetect_Volts_u10p6	576		
k_LVCNotDetect_ms_u16p0	22496		
k_LVHSCDetect_Volts_u10p6	320		
k LVHSCDetect ms u16p0	28376		
k LVHSCNotDetect Volts u10p6	576		
k_LVHSCNotDetect_ms_u16p0	26324		
k LVHSDetect Volts u10p6	1920		
k LVHSDetect ms u16p0	52724		
k_LVHSNotDetect_Volts_u10p6	576		
k_LVHSNotDetect_ms_u16p0	64622		
k_LVLSCDetect_Volts_u10p6	1920		
k_LVLSCDetect_ms_u16p0	57120		
k_LVLSCNotDetect_Volts_u10p6	576		
k LVLSCNotDetect ms u16p0	50615		
k_LVLSDetect_Volts_u10p6	1920		
k_LVLSDetect_ms_u16p0	616		
k_LVLSNotDetect_Volts_u10p6	576		
k_LVLSNotDetect_ms_u16p0	36496		
k_LVSMDetect_Volts_u10p6	1920		
k_LVSMDetect_ms_u16p0	16865		
k_LVSMNotDetect_Volts_u10p6	576		
k_LVSMNotDetect_ms_u16p0	53810		
target_CustBattDiag_Per2_Batt_Volt_f32.value	12.5773878		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	10		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	413.517487		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	50538		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	543796992		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_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_Kp	bh_f32	
Name	Actual Value	Expected Value	Result
CustBattDiag_LOICIr_ms_M_u32p0	543796992	543796992	~
CustBattDiag_LOISet_ms_M_u32p0	543796992	543796992	•
CustBattDiag_LVCClr_ms_M_u32p0	3388245760	3388245760	•
CustBattDiag_LVCSet_ms_M_u32p0	543796992	543796992	•
CustBattDiag_LVHSCClr_ms_M_u32p0	467729152	467729152	•
CustBattDiag_LVHSCSet_ms_M_u32p0	543796992	543796992	•
CustBattDiag_LVHSClr_ms_M_u32p0	970913536	970913536	•
CustBattDiag_LVHSSet_ms_M_u32p0	3939004672	3939004672	•
CustBattDiag_LVLSCCIr_ms_M_u32p0	1017986816	1017986816	~
CustBattDiag_LVLSCSet_ms_M_u32p0	F 411-700000	543796992	•
	543796992		
CustBattDiag_LVLSClr_ms_M_u32p0	279130880	279130880	
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0	279130880 556666112	556666112	
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0	279130880 556666112 747094784	556666112 747094784	•
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0	279130880 556666112 747094784 2414419200	556666112 747094784 2414419200	•
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum	279130880 556666112 747094784 2414419200 0xE0	556666112 747094784 2414419200 0xE0	~
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum Param_Cnt_T_u08	279130880 556666112 747094784 2414419200 0xE0 0x00	556666112 747094784 2414419200 0xE0 0x00	
CustBattDiag_LVLSCIr_ms_M_u32p0 CustBattDiag_LVLSSet_ms_M_u32p0 CustBattDiag_LVSMCIr_ms_M_u32p0 CustBattDiag_LVSMSet_ms_M_u32p0 NTC_Cnt_T_enum	279130880 556666112 747094784 2414419200 0xE0	556666112 747094784 2414419200 0xE0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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

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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	~

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ame	Input Value
ustBattDiag_LOICIr_ms_M_u32p0	1788730880
ustBattDiag_LOISet_ms_M_u32p0	3997790208
ıstBattDiag_LVCClr_ms_M_u32p0	3298635264
stBattDiag_LVCSet_ms_M_u32p0	751648768
stBattDiag_LVHSCCIr_ms_M_u32p0	1101517312
stBattDiag_LVHSCSet_ms_M_u32p0	2756281344
ıstBattDiag_LVHSClr_ms_M_u32p0	1788730880
stBattDiag_LVHSSet_ms_M_u32p0	3997790208
stBattDiag_LVLSCCIr_ms_M_u32p0	1431504384
stBattDiag_LVLSCSet_ms_M_u32p0	714921984
ıstBattDiag_LVLSClr_ms_M_u32p0	1380002304
stBattDiag_LVLSSet_ms_M_u32p0	1955109888
stBattDiag_LVSMClr_ms_M_u32p0	80968192
ustBattDiag_LVSMSet_ms_M_u32p0	2828495872
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(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
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()	0
CustBattDiagLOIspd_kph_f32	466.696655
CustBattDiaghispd_kph_f32	170.299622
CustBattDiaglospd_kph_f32	47.4280853
LOIDetect_ms_u16p0	8396
LOINotDetect_ms_u16p0	40048
LVCDetect Volts u10p6	576
LVCDetect ms u16p0	64204
LVCNotDetect_Volts_u10p6	960
LVCNotDetect ms u16p0	14393
LVHSCDetect_Volts_u10p6	1408
LVHSCDetect ms u16p0	48762
LVHSCNotDetect Volts u10p6	960
LVHSCNotDetect ms u16p0	43292
LVHSDetect Volts u10p6	576
LVHSDetect ms u16p0	40261
LVHSNotDetect Volts u10p6	960
LVHSNotDetect ms u16p0	51056
LVLSCDetect Volts u10p6	576
LVLSCDetect_volis_u1op6 LVLSCDetect ms u16p0	16658
	960
LVLSCNotDetect_Volts_u10p6	37476
LVLSCNotDetect_ms_u16p0	
LVLSDetect_Volts_u10p6	576
LVLSDetect_ms_u16p0	57690
LVLSNotDetect_Volts_u10p6	960
LVLSNotDetect_ms_u16p0	29945
LVSMDetect_Volts_u10p6	576
LVSMDetect_ms_u16p0	12559
LVSMNotDetect_Volts_u10p6	960

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Name	Input Value		
target_CustBattDiag_Per2_Batt_Volt_f32.value	18.9720993		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	13		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	183.432465		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	3	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_Igc	target_CustBattDiag_Per2_SttdSelected_Cr	nt_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgates and the property of the pro$	target_CustBattDiag_Per2_VehicleSpeedVa	llid_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	1742583296	1742583296	~

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)	Innut 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_LVHSClr_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_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(Elapsed	dTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
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()	2
CustBattDiagLOIspd kph f32	45.4453697
custBattDiaghispd_kph_f32	379.788818
custBattDiaglospd_kph_f32	409.25943
LOIDetect ms u16p0	65535
LOINotDetect ms u16p0	32088
_LVCDetect_Volts_u10p6	1560
_LVCDetect_ms_u16p0	50161
_LVCNotDetect_Volts_u10p6	640
	26241
_LVCNotDetect_ms_u16p0	
_LVHSCDetect_Volts_u10p6	768
_LVHSCDetect_ms_u16p0	4637
<pre>C_LVHSCNotDetect_Volts_u10p6</pre>	640
x_LVHSCNotDetect_ms_u16p0	29483
x_LVHSDetect_Volts_u10p6	1560
x_LVHSDetect_ms_u16p0	33110
x_LVHSNotDetect_Volts_u10p6	640
x_LVHSNotDetect_ms_u16p0	19866
_LVLSCDetect_Volts_u10p6	1560
_LVLSCDetect_ms_u16p0	19379
_LVLSCNotDetect_Volts_u10p6	640
_LVLSCNotDetect_ms_u16p0	31136
_LVLSDetect_Volts_u10p6	1560
_LVLSDetect_ms_u16p0	35272
_LVLSNotDetect_Volts_u10p6	640
_LVLSNotDetect_ms_u16p0	29309
_LVSMDetect_Volts_u10p6	1560
_LVSMDetect_ms_u16p0	60334
_LVSMNotDetect_Volts_u10p6	640
_LVSMNotDetect_ms_u16p0	58564
arget_CustBattDiag_Per2_Batt_Volt_f32.value	24.5667973
arget CustBattDiag Per2 EngOn Cnt Igc.value	1
arget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0
arget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0

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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_Curren	t 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_Igc	target_CustBattDiag_Per2_SttdSelected_Cn	t_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_Inst_Ap_CustBattDiag_2.$	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	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_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 3.12 (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_LOICIr_ms_M_u32p0	2155177472
CustBattDiag_LOISet_ms_M_u32p0	2346596352
CustBattDiag_LVCClr_ms_M_u32p0	2597762560
CustBattDiag_LVCSet_ms_M_u32p0	504629248
CustBattDiag_LVHSCClr_ms_M_u32p0	1863047680
CustBattDiag_LVHSCSet_ms_M_u32p0	2422131712
CustBattDiag_LVHSClr_ms_M_u32p0	2155177472
CustBattDiag_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
Rte_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

CustBattDiag Per2

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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 $CustBattDiag_LVLSSet_ms_M_u32p0$ 3904126464 3904126464 CustBattDiag_LVSMClr_ms_M_u32p0 3119022592 3119022592

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	~

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CustBattDiag_LVSMSet_ms_M_u32p0



Test Step 3.13 (Repeat Count = 1)			V
	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		
9	2181086720		
	2531217408		
0	3559262720		
6	4025515008		
	828944896 4025312256		
	421828096		
	3092047872		
<u> </u>	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	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedT$	$target_Rte_Call_Ap_CustBattDiag_SystemTir$	me_DtrmnElapsedTime_mS_u16_ElapsedTime	е
	target_Rte_Call_Ap_CustBattDiag_SystemTir	me_GetSystemTime_mS_u32_CurrentTime	
	target_Rte_Inst_Ap_CustBattDiag_2		
, ,	0		
	96.8070526		
	498.065857		
_	347.690521 47656		
	26033		
,	0		
	30883		
,	0		
	13669		
k_LVHSCDetect_Volts_u10p6	0		
k_LVHSCDetect_ms_u16p0	60334		
k_LVHSCNotDetect_Volts_u10p6	0		
	63581		
	0		
,	64178		
	0		
	49998		
	4315		
	0		
	55992		
	0		
	43908		
k_LVLSNotDetect_Volts_u10p6	0		
k_LVLSNotDetect_ms_u16p0	14291		
k_LVSMDetect_Volts_u10p6	0		
	6858		
	0		
;	2627		
	12.6701546		
0 = 0 = 0 = 0	7		
0 = 0= = = =			
0 = 0 = = = 0	0		
0 = 0= = 1 = =0	326.560455		
* - * - * - * - * - * - * - * - * - * -	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_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_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_CustBattDiag_Per2_SttdSelected_Cnt		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_lg		_	
	$target_CustBattDiag_Per2_VehicleSpeed_Kp$		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32			Result
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name .	Actual Value	Expected Value	Itosuii
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOICIr_ms_M_u32p0	1535664640	1535664640	v
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_Kph_f32 Name CustBattDiag_LOIClr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	1535664640 1535664640	1535664640 1535664640	v v
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 ::	1535664640	1535664640	V

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Name	Actual Value	Expected Value	Result
CustBattDiag_LVHSCSet_ms_M_u32p0	2531217408	2531217408	~
CustBattDiag_LVHSClr_ms_M_u32p0	3559262720	3559262720	~
CustBattDiag_LVHSSet_ms_M_u32p0	1535664640	1535664640	~
CustBattDiag_LVLSCClr_ms_M_u32p0	828944896	828944896	~
CustBattDiag_LVLSCSet_ms_M_u32p0	4025312256	4025312256	~
CustBattDiag_LVLSClr_ms_M_u32p0	421828096	421828096	~
CustBattDiag_LVLSSet_ms_M_u32p0	1535664640	1535664640	~
CustBattDiag_LVSMClr_ms_M_u32p0	3193038336	3193038336	~
CustBattDiag_LVSMSet_ms_M_u32p0	2637084672	2637084672	~
NTC_Cnt_T_enum	0xE2	0xE2	~
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	~

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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	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IqUehicleSpeedValid_Cnt_IquehicleSpeedValid_Cnt_Iq$	nt_lg target_CustBattDiag_Per2_VehicleSpeedValid_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	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_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_LVSMClr_ms_M_u32p0	3509950976	3509950976	~
CustBattDiag_LVSMSet_ms_M_u32p0	1687063552	1687063552	✓

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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	~
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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Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2		
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	2		
k_CustBattDiagLOIspd_kph_f32	107.771545		
k_CustBattDiaghispd_kph_f32	39.9812546		
k_CustBattDiaglospd_kph_f32	190.972672		
k_LOIDetect_ms_u16p0	4002		
k_LOINotDetect_ms_u16p0	39883		
k_LVCDetect_Volts_u10p6	1472		
k_LVCDetect_ms_u16p0	21664		
k LVCNotDetect Volts u10p6	1664		
k_LVCNotDetect_ms_u16p0	63074		
k LVHSCDetect Volts u10p6	1280		
	6702		
k_LVHSCDetect_ms_u16p0			
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		
	43225		
k_LVSMNotDetect_ms_u16p0			
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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 Igc	target_CustBattDiag_Per2_SttdSelected_Cnt_lgc		
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 Kph f32		
	, <u>, , , , , , , , , , , , , , , , , , </u>	· -	Danul
Name	Actual Value	Expected Value	Resul
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_LVLSCClr_ms_M_u32p0	4279998976	4279998976	٠,
CustBattDiag_LVLSCSet_ms_M_u32p0	4279998976	4279998976	•
CustBattDiag_LVLSCIr_ms_M_u32p0	2763476480	2763476480	٠,
CustBattDiag_LVLSSet_ms_M_u32p0	2168217600	2168217600	
CustBattDiag_LVSMCIr_ms_M_u32p0	2551356928	2551356928	
CustBattDiag_LVSMSet_ms_M_u32p0			
ANAIDEMPIEU L'ADMOCE HIS IN USAU	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	~

lame	Input Value
CustBattDiag_LOICIr_ms_M_u32p0	3235667712
CustBattDiag LOISet ms M u32p0	3073251584
CustBattDiag_LVCClr_ms_M_u32p0	1892413184
CustBattDiag_LVCSet_ms_M_u32p0	2443979008
	3464028928
CustBattDiag_LVHSCCIr_ms_M_u32p0	
CustBattDiag_LVHSCSet_ms_M_u32p0	3183951104
CustBattDiag_LVHSCIr_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_LVSMCIr_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(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
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_ms_u16p0	16816
LVCNotDetect Volts u10p6	1216
LVCNotDetect ms u16p0	35502
_LVHSCDetect_Volts_u10p6	1280
_LVHSCDetect_ms_u16p0	53260
_LVHSCNotDetect_Volts_u10p6	1216
	48137
_LVHSCNotDetect_ms_u16p0	1728
_LVHSDetect_Volts_u10p6	
_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
rget_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8
urget_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1
arget_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0
arget_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	130.187088
	100.10.000





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_LOICIr_ms_M_u32p0	369773056
CustBattDiag LOISet ms M u32p0	3187588096
CustBattDiag_LVCCIr_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_LVLSCClr_ms_M_u32p0	2706698752
CustBattDiag_LVLSCSet_ms_M_u32p0	759407616
CustBattDiag_LVLSCIr_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(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	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			MACICAL
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	38873		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current	1080336896		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32	target_CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgc	target_CustBattDiag_Per2_EngOn_Cnt_lgc		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u08	target_CustBattDiag_Per2_EtatMT_Cnt_u08		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_Cnt_lgc	target_CustBattDiag_Per2_SttdSelected_Cnt	_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_logerselbergersel$	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	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_LVLSCCIr_ms_M_u32p0	2706698752	2706698752	✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1080336896	1080336896	✓
CustBattDiag_LVLSClr_ms_M_u32p0	1818547712	1818547712	✓
CustBattDiag_LVLSSet_ms_M_u32p0	2249664512	2249664512	✓
CustBattDiag_LVSMClr_ms_M_u32p0	1973560832	1973560832	•
CustBattDiag_LVSMSet_ms_M_u32p0	1080336896	1080336896	✓
	1		

				~
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	Rte_Mode_Ap_CustBattDiag_SystemState_Mode	1	~
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	1	Rte_Call_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	✓

0xE6

0x00

0x00

0xE4

0x00

0x00

0xE6

0x00

0x00

0xE4

0x00

0x00

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 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 1648059392		
CustBattDiag_LVCSet_ms_M_u32p0 CustBattDiag_LVHSCCIr_ms_M_u32p0	606246400		
CustBattDiag_LVHSCSet_ms_M_u32p0	3069896704		
CustBattDiag LVHSCIr ms M u32p0	161899008		
CustBattDiag_LVHSSet_ms_M_u32p0	2536412160		
CustBattDiag_LVLSCCIr_ms_M_u32p0	973343232		
CustBattDiag_LVLSCSet_ms_M_u32p0	1014922240		
CustBattDiag_LVLSClr_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_C	P_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_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	61.2756348		
k_CustBattDiaghispd_kph_f32	89.39888 251.732712		
k_CustBattDiaglospd_kph_f32	40657		
k_LOIDetect_ms_u16p0 k_LOINotDetect_ms_u16p0	47269		
k_LVCDetect_Volts_u10p6	0		
k_LVCDetect_ms_u16p0	11840		
k_LVCNotDetect_Volts_u10p6	768		
k LVCNotDetect ms u16p0	47148		
k_LVHSCDetect_Volts_u10p6	1792		
k_LVHSCDetect_ms_u16p0	33797		
k_LVHSCNotDetect_Volts_u10p6	768		
k_LVHSCNotDetect_ms_u16p0	846		
k_LVHSDetect_Volts_u10p6	0		
k_LVHSDetect_ms_u16p0	20860		
k_LVHSNotDetect_Volts_u10p6	768		
k_LVHSNotDetect_ms_u16p0	21883		
k_LVLSCDetect_Volts_u10p6	0		
k_LVLSCDetect_ms_u16p0	42844		
k_LVLSCNotDetect_Volts_u10p6	768		
k_LVLSCNotDetect_ms_u16p0	59599		
k_LVLSDetect_Volts_u10p6	0		
k_LVLSDetect_ms_u16p0	46281		
k_LVLSNotDetect_Volts_u10p6	768 35062		
k_LVLSNotDetect_ms_u16p0 k_LVSMDetect_Volts_u10p6	0		
k_LVSMDetect_volis_u10p0 k_LVSMDetect_ms_u16p0	41266		
k_LVSMNotDetect_Volts_u10p6	768		
k LVSMNotDetect ms u16p0	25041		
target_CustBattDiag_Per2_Batt_Volt_f32.value	31		
target CustBattDiag Per2 EngOn Cnt Igc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	9		
target_CustBattDiag_Per2_SttdSelected_Cnt_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	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_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	1	
Name	Actual Value	Expected Value	Resul
		2001582592	■
CustBattDiag_LOICIr_ms_M_u32p0	2001582592		
CustBattDiag_LOIClr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0	2001582592	2001582592	•
CustBattDiag_LOIClr_ms_M_u32p0 CustBattDiag_LOISet_ms_M_u32p0 CustBattDiag_LVCClr_ms_M_u32p0	2001582592 3339104768	2001582592 3339104768	•
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	•
CustBattDiag_LOISet_ms_M_u32p0	2001582592 3339104768	2001582592 3339104768	

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CustBattDiag_LVHSCIr_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	~

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_worldp0	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
<pre>v_subseted_ms_tropo s_LVLSNotDetect_Volts_u10p6</pre>	1088
	23156

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Name	Input Value		
k_LVSMDetect_Volts_u10p6	1472		
k_LVSMDetect_ms_u16p0	46119		
k_LVSMNotDetect_Volts_u10p6	1088		
k_LVSMNotDetect_ms_u16p0	36483		
target_CustBattDiag_Per2_Batt_Volt_f32.value	29.3983498		
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	0		
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	0		
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1		
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0		
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	352.24881		
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	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_Cn	t_lgc	
$target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedValid_Cnt_IqUstBattDiag_Per2_VehicleSpeedValid_Cnt_IqUstBattDiag_Per2_VehicleSpeedValid_Cnt_IqUstBattDiag_Per2_VehicleSpeedValid_Cnt_IqustBattDiag_Per2_VehicleSpeedValid_Cnt_Iq$	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	3575485696	3575485696	~
CustBattDiag_LOISet_ms_M_u32p0	3575485696	3575485696	~
CustBattDiag_LVCClr_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_LVLSClr_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_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~

Test Step 3.20 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_LOIClr_ms_M_u32p0	3235667712
CustBattDiag_LOISet_ms_M_u32p0	3073251584
CustBattDiag_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_LVSMClr_ms_M_u32p0	3096226560
CustBattDiag_LVSMSet_ms_M_u32p0	1233274112
Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2
Rte_Mode_Ap_CustBattDiag_SystemState_Mode()	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

CustBattDiag_Per2

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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 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 $target_CustBattDiag_Per2_EngOn_Cnt_lgc.value$ 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_LOICIr_ms_M_u32p0	3235667712	3235667712	~
CustBattDiag_LOISet_ms_M_u32p0	3454670592	3454670592	~
CustBattDiag_LVCClr_ms_M_u32p0	1892413184	1892413184	~
CustBattDiag_LVCSet_ms_M_u32p0	2443979008	2443979008	~
CustBattDiag_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_LVLSCClr_ms_M_u32p0	3454670592	3454670592	~
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216	1802281216	~
CustBattDiag_LVLSClr_ms_M_u32p0	3513654016	3513654016	~
CustBattDiag_LVLSSet_ms_M_u32p0	444413184	444413184	~
CustBattDiag_LVSMCIr_ms_M_u32p0	3096226560	3096226560	~
CustBattDiag_LVSMSet_ms_M_u32p0	1233274112	1233274112	~

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

Test Step 3.21 (Repeat Count = 1)		✓
Name	Input Value	
CustBattDiag_LOIClr_ms_M_u32p0	3235667712	
CustBattDiag_LOISet_ms_M_u32p0	3073251584	
CustBattDiag_LVCCIr_ms_M_u32p0	1892413184	

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CustBattDiag_Per2		Razorcat
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_LVLSCClr_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 1233274112	
CustBattDiag_LVSMSet_ms_M_u32p0 Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET(signal)	target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET	F signal
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(E		
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Curr		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag_2	ne yeten me _ ne _ ue _ e un e ne mine
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 16073	
k_LVHSNotDetect_ms_u16p0 k_LVLSCDetect_Volts_u10p6	1728	
k_LVLSCDetect_ms_u16p0	53710	
k_LVLSCNotDetect_Volts_u10p6	1216	
k_LVLSCNotDetect_ms_u16p0	50889	
k LVLSDetect Volts u10p6	1728	
k LVLSDetect ms u16p0	44747	
k LVLSNotDetect Volts u10p6	1216	
k_LVLSNotDetect_ms_u16p0	54351	
k_LVSMDetect_Volts_u10p6	1728	
k_LVSMDetect_ms_u16p0	64665	
k_LVSMNotDetect_Volts_u10p6	1216	
k_LVSMNotDetect_ms_u16p0	57406	
target_CustBattDiag_Per2_Batt_Volt_f32.value	9.92610836	
target_CustBattDiag_Per2_EngOn_Cnt_lgc.value	1	
target_CustBattDiag_Per2_EtatMT_Cnt_u08.value	8	
target_CustBattDiag_Per2_SttdSelected_Cnt_lgc.value	1	
target_CustBattDiag_Per2_VehicleSpeedValid_Cnt_lgc.value	0	
target_CustBattDiag_Per2_VehicleSpeed_Kph_f32.value	0	
target_Rte_Call_Ap_CustBattDiag_EpsEn_OP_GET_signal	1	
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u3 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_Volt_f32		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_Batt_V0it_i32 target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EngOn_Cnt_lgr	target_CustBattDiag_Per2_Batt_Volt_f32 target_CustBattDiag_Per2_EngOn_Cnt_lgc	
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_EtatMT_Cnt_u0		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_SttdSelected_C		
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeedV		lac
target_Rte_Inst_Ap_CustBattDiag_2.CustBattDiag_Per2_VehicleSpeed_		īgc
Name		ected Value Result
CustBattDiag LOICIr ms M u32p0	·	670592 ×
CustBattDiag_LOISet_ms_M_u32p0		670592 •
CustBattDiag_LVCClr_ms_M_u32p0		413184 •
CustBattDiag_LVCSet_ms_M_u32p0		979008
CustBattDiag_LVHSCCIr_ms_M_u32p0		670592 •
CustBattDiag_LVHSCSet_ms_M_u32p0		670592
CustBattDiag_LVHSClr_ms_M_u32p0		667712
CustBattDiag_LVHSSet_ms_M_u32p0	3073251584 30732	251584
CustBattDiag_LVLSCClr_ms_M_u32p0		670592 ✓
CustBattDiag_LVLSCSet_ms_M_u32p0	1802281216 18022	281216
CustBattDiag_LVLSClr_ms_M_u32p0	3513654016 35136	654016 ~

2015-04-21, 11:30:27+0530



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

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



 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\underline\utp\contract\Ap_CustBattDiag -I\underline\utp\contract\Ap_CustBattDiag -I\underline\utp\contract\Ap_CustBattDiag -I\underline\utp\contract\Ap_CustBattDiag -I\underline\utp\contract\Ap\underline\utp\contract\Ap\underline\utp\contract\Ap\underline\utp\contract\Ap\underline\utp\contract\Ap\underline\utp\contract\Ap\underline\utp\contract\Ap\underline\underline\utp\contract\Ap\underline\underl

lame	Text
/lodule '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):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	<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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
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

TS1.1 297 Cycles TS1.2 819 Cycles

Description

Test Step 1.1 (Repeat Count = 1)			V
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	51412		
CompareType_T_u08	2		
NTCNum_T_u16	20		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	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	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	29088		
target_ClrTimer_T_ptr	2770825472		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfaces and the property of the property of$	3869		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also consistent for the contraction of the contra$	t 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	~

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	~	

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	3294		
CompareType_T_u08	3		
NTCNum_T_u16	30		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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	20		
target_ClrTimer_T_ptr	49612		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1394996992		
target_SetTimer_T_ptr	3541564160		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	30	30	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~
target_ClrTimer_T_ptr	1394996992	1394996992	~
target_SetTimer_T_ptr	3541564160	3541564160	~

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 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
TS2.14 564 Cycles
TS2.15 564 Cycles
TS2.15 564 Cycles
TS2.16 297 Cycles
TS2.17 297 Cycles
TS2.18 819 Cycles
TS2.19 562 Cycles
TS2.19 Tycles
TS2.12 297 Cycles
TS2.22 297 Cycles
TS2.23 819 Cycles
TS2.24 297 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

Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	0		
CompareType_T_u08	0		
NTCNum_T_u16	0		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (ElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	sedTim target_Rte_Call_Ap_CustBa	ttDiag_SystemTime_DtrmnElapsedTime_mS_u16	i_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (Current and SystemTime_mS_u32) (Cu$	tTime) target_Rte_Call_Ap_CustBa	ttDiag_SystemTime_GetSystemTime_mS_u32_C	urrentTime
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	0		
target_ClrTimer_T_ptr	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u$	16_Elap 0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u32_systemTime_mS_u33_$	Current 0		
target_SetTimer_T_ptr	0		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum	n) 0	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08	3) 0	*none*	✓
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enu	ım) 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	~	

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

Test Step 2.3 (Repeat Count = 1)			✓	
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	51412			
CompareType_T_u08	1			
NTCNum_T_u16	20			
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	~	

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 2.4 (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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_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	17887		
target_ClrTimer_T_ptr	4213993472		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	9915		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (a) and (b) and (c) are also as a function of the content of the co$	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	~

Test Step 2.5 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	33948		
CompareType_T_u08	3		
NTCNum_T_u16	40		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	57183		
target_ClrTimer_T_ptr	1339650816		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	20699		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	2486970624		
target_SetTimer_T_ptr	3848162560		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	~
target_ClrTimer_T_ptr	2486970624	2486970624	~
target_SetTimer_T_ptr	3848162560	3848162560	~

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 2.6 (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	•

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

Test Step 2.7 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	52472		
CompareType_T_u08	5		
NTCNum_T_u16	60		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	65535		
target_ClrTimer_T_ptr	3773531392		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfales and the property of the property of$	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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	10044		
target_ClrTimer_T_ptr	556807168		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfaces and the property of the property of$	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				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 2.9 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	0		
CompareType_T_u08	6		
NTCNum_T_u16	80		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	16818		
target_ClrTimer_T_ptr	2447255296		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	3687		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren	t 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(ElapsedT	im target_Rte_Call_Ap_CustBattDiag_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_E	ap 58804
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curre	ent 3404041216



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

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

Test Step 2.11 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	51986		
CompareType_T_u08	7		
NTCNum_T_u16	100		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) = 0.000 + 0$	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	Elap 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 .					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~	

Test Step 2.12 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	59318		
CompareType_T_u08	9		
NTCNum_T_u16	0		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	21149		
target_ClrTimer_T_ptr	2980132864		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	3447		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSyst$	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	~



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	•

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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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_C	CurrentTime
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	51781		
target_ClrTimer_T_ptr	3650820864		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_EuroremS_unitsupplies and the property of the property of$	Elap 51143		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curracter = 0.0000000000000000000000000000000000$	rent 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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap$	2405		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	2005012480		
target_SetTimer_T_ptr	261891072		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	~
target_ClrTimer_T_ptr	2005012480	2005012480	~
target_SetTimer_T_ptr	261891072	261891072	~

T				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	~

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 2.16 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	62531		
CompareType_T_u08	2		
NTCNum_T_u16	165		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	е
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	31488		
target_ClrTimer_T_ptr	3533929472		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	43855		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	1705052672		
target_SetTimer_T_ptr	4294967295		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	~
target_ClrTimer_T_ptr	1705052672	1705052672	~
target_SetTimer_T_ptr	1705052672	1705052672	~

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

Test Step 2.17 (Repeat Count = 1)				
Name	Input Value			
ClrTimer_T_ptr	target_ClrTimer_T_ptr			
ClrTimer_ms_T_u16p0	52251			
CompareType_T_u08	2			
NTCNum_T_u16	170			
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	Tim target_Rte_Call_Ap_CustBattDia	g_SystemTime_DtrmnElapsedTime_mS_u1	6_ElapsedTime	
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32 (CurrentTime_mS_u32) (CurrentTime_$	e) target_Rte_Call_Ap_CustBattDia	g_SystemTime_GetSystemTime_mS_u32_0	CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	16685	16685		
target_ClrTimer_T_ptr	1151618816			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_EulersetElapsedTime_mS_u16_Eulers$	lap 17231			
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curi	ent 996386048			
target_SetTimer_T_ptr	2335893248			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	100	*none*	•	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	•	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	•	
target_ClrTimer_T_ptr	996386048	996386048	•	
target_SetTimer_T_ptr	996386048	996386048	•	



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			
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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		
SetTimer_T_ptr	target_SetTimer_T_ptr			
SetTimer_ms_T_u16p0	22321			
target_ClrTimer_T_ptr	0			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	55197			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (a) and (b) and (c) are also as a function of the content of the co$	2588398592			
target_SetTimer_T_ptr	1825056768			
Name	Actual Value	Expected Value	Result	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	178	178	~	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	1	•	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	1	~	
target_ClrTimer_T_ptr	2588398592	2588398592	~	
target_SetTimer_T_ptr	1825056768	1825056768	~	

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

Test Step 2.19 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	26319		
CompareType_T_u08	1		
NTCNum_T_u16	179		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	2944		
target_ClrTimer_T_ptr	4294967295		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	13773		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (SystemTime_mS) and (SystemTime_mS) are also considered as a function of the context of the conte$	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				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 2.20 (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_SystemT	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	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_Elap	14825		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	1983180288		
target_SetTimer_T_ptr	2128077312		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	178	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	1	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	1	*none*	~
target_ClrTimer_T_ptr	1983180288	1983180288	~
target_SetTimer_T_ptr	1983180288	1983180288	~

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

Test Step 2.21 (Repeat Count = 1)			~
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	10994		
CompareType_T_u08	2		
NTCNum_T_u16	178		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	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		
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	~

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

Test Step 2.22 (Repeat Count = 1)	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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	е
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (a) and (b) and (c) are also as a function of the content of the co$	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	



Name	Input Value		
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	60809		
target_ClrTimer_T_ptr	3861608192		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	65535		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	430345472		
target_SetTimer_T_ptr	2349396224		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	195	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	~
target_ClrTimer_T_ptr	430345472	430345472	~
target_SetTimer_T_ptr	430345472	430345472	~

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

Test Step 2.26 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	18096		
CompareType_T_u08	2		
NTCNum_T_u16	202		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	е
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	54744		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_Get$	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 > CIrTimer_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 > CIrTimer_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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemT	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ne
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemT	me_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	0		
target_ClrTimer_T_ptr	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	0		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\$	0		
target_SetTimer_T_ptr	0		
Name	Actual Value	Expected Value	Result
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(NTC_Cnt_T_enum)	0	*none*	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Param_Cnt_T_u08)	0	*none*	•
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus(Status_Cnt_T_enum)	0	*none*	~
target_ClrTimer_T_ptr	0	0	~
target_SetTimer_T_ptr	0	0	~

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

Test Step 3.2 (Repeat Count = 1)			~
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	3294		
CompareType_T_u08	2		
NTCNum_T_u16	30		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	17887		
target_ClrTimer_T_ptr	4213993472		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	9915		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (SystemTime_mS) and (SystemTime_mS) are also considered as a function of the context of the conte$	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*	~



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_System	Fime_DtrmnElapsedTime_mS_u16_ElapsedTi	me
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_System	Fime_GetSystemTime_mS_u32_CurrentTime	
SetTimer_T_ptr	target_SetTimer_T_ptr		
SetTimer_ms_T_u16p0	10044		
target_ClrTimer_T_ptr	556807168		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	p 56125		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current (a) and (b) and (c) and (c) are also as a function of the context o$	ıt 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				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 3.4 (Repeat Count = 1)			✓
Name	Input Value		
ClrTimer_T_ptr	target_ClrTimer_T_ptr		
ClrTimer_ms_T_u16p0	33405		
CompareType_T_u08	1		
NTCNum_T_u16	195		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	38576		
target_ClrTimer_T_ptr	939676928		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSu$	39763		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	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 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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	29088		
target_ClrTimer_T_ptr	2770825472		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	3869		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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_Per1

 Project
 CustBattDiag

 Module
 Ap_CustBattDiag

 Test Object
 CustBattDiag_Per1

Instrumentation: Test Object Only

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

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\PSA_CustBattDiag
Configuration File	D:\Synergy_Work_Area\PSA_CustBattDiag\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\src\Ap_CustBattDiag.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\utp\contract -I\$(PROJECTROOT)\utp\contract\Ap_CustBattDiag -I\$(PROJECTROOT)\uxp\trule -

Comments/Description/Sp	pecification
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):737 Total RAM Used (Bytes):737 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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
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 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;"

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	1932039680		
CustBattDiag_OVSet_ms_M_u32p0	2491700992		
CustBattDiag_UVClr_ms_M_u32p0	1167422720		
CustBattDiag_UVSet_ms_M_u32p0	3493764864		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	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_Ela	27332		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current and the property of $	1932039680		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1932039680	1932039680	-
CustBattDiag_OVSet_ms_M_u32p0	2491700992	2491700992	-
CustBattDiag_UVClr_ms_M_u32p0	1167422720	1167422720	-
CustBattDiag_UVSet_ms_M_u32p0	1932039680	1932039680	-
NTC_Cnt_T_enum	0xE7	0xE7	-
Param_Cnt_T_u08	0x01	0x01	-
Status_Cnt_T_enum	0x01	0x01	-
NTC_Cnt_T_enum	0xE7	0xE7	-
Param_Cnt_T_u08	0x01	0x01	-

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	~

0x01

0x01

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

Status_Cnt_T_enum

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Name	Input Value		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	е
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 Case 2: Boundary Test

Specification

Description

```
Vector Description
TS2.1All Min
TS2.2All Max
TS2.3Batt_Volt_f32 = MIN
TS2.4Batt_Volt_f32 = MAX
TS2.5Batt_Volt_f32 = POS
TS2.6k_UVNotDetect_Volts_u10p6 = MIN
TS2.7k_UVNotDetect_Volts_u10p6 = MAX
TS2.8k_UVNotDetect_Volts_u10p6 = POS
TS2.9k_UVDetect_Volts_u10p6 = POS
TS2.9k_UVDetect_Volts_u10p6 = MIN
TS2.10k_UVDetect_Volts_u10p6 = POS
TS2.11k_UVDetect_Volts_u10p6 = POS
TS2.11k_UVDetect_Volts_u10p6 = POS
TS2.11k_UVDetect_Volts_u10p6 = MIN
TS2.13k_OVDetect_Volts_u10p6 = MIN
TS2.13k_OVDetect_Volts_u10p6 = POS
TS2.15k_OVNotDetect_Volts_u10p6 = POS
TS2.18CustBattDiag_UVSet_ms_M_u32p0 = MIN
TS2.19CustBattDiag_UVSet_ms_M_u32p0 = POS
TS2.21CustBattDiag_UVClr_ms_M_u32p0 = POS
TS2.21CustBattDiag_UVClr_ms_M_u32p0 = POS
TS2.21CustBattDiag_UVClr_ms_M_u32p0 = POS
TS2.24k_UVDetect_ms_u16p0 = MIN
TS2.25k_UVDetect_ms_u16p0 = POS
TS2.27k_UVNotDetect_ms_u16p0 = POS
TS2.27k_UVNotDetect_ms_u16p0 = POS
TS2.30CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.28k_UVNotDetect_ms_u16p0 = POS
TS2.30CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.31CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.32CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.33CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.31CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.33CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.33CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.33CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.34CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.34CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS2.33CustBattDiag_OVSet_ms_M_u32p0 = MIN
TS
```

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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_System$	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_UVCIr_ms_M_u32p0	0	0	~
CustBattDiag_UVSet_ms_M_u32p0	0	0	✓

T				
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~

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

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

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

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Name	Input Value		
CustBattDiag_UVClr_ms_M_u32p0	2700810752		
CustBattDiag_UVSet_ms_M_u32p0	2251295744		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	ıе
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	5519		
target Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32 Current	354815744		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	354815744	354815744	~
CustBattDiag_OVSet_ms_M_u32p0	2173576192	2173576192	~
CustBattDiag_UVClr_ms_M_u32p0	354815744	354815744	~
CustBattDiag_UVSet_ms_M_u32p0	2251295744	2251295744	~

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

Test Step 2.4 (Repeat Count = 1)			v
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_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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	



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	ime_GetSystemTime_mS_u32_CurrentTime		
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag			
k_OVDetect_Volts_u10p6	1024			
k_OVDetect_ms_u16p0	35843			
k_OVNotDetect_Volts_u10p6	1984			
k_OVNotDetect_ms_u16p0	57057			
k_UVDetect_Volts_u10p6	1856			
k_UVDetect_ms_u16p0	62181			
k_UVNotDetect_Volts_u10p6	192			
k_UVNotDetect_ms_u16p0	60948			
target_CustBattDiag_Per1_Batt_Volt_f32.value	13.1300001			
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	65185			
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	1878851840			
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	1878851840	1878851840	~	
CustBattDiag_OVSet_ms_M_u32p0	1878851840	1878851840	•	
CustBattDiag_UVClr_ms_M_u32p0	1190290432	1190290432	~	
CustBattDiag_UVSet_ms_M_u32p0	1878851840	1878851840	~	
NTC_Cnt_T_enum	0xE5	0xE5	•	
Param_Cnt_T_u08	0x00	0x00	•	
Status_Cnt_T_enum	0x00	0x00	•	
NTC_Cnt_T_enum	0xE7	0xE7	~	
Param_Cnt_T_u08	0x00	0x00	~	
Status_Cnt_T_enum	0x00	0x00	•	

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

Test Step 2.6 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
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

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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	



Test Step 2.8 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3990370816		
CustBattDiag_OVSet_ms_M_u32p0	4012919552		
CustBattDiag_UVClr_ms_M_u32p0	553306368		
CustBattDiag_UVSet_ms_M_u32p0	60887808		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_System$	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	✓

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	•	

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(Elapse	edTim target_Rte_Call_Ap_CustBattD	ag_SystemTime_DtrmnElapsedTime_mS_u16	S_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentSime_mS_u32(CurrentSime_m	ime) target_Rte_Call_Ap_CustBattD	ag_SystemTime_GetSystemTime_mS_u32_C	urrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDi	ag	
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16$	6_Elap 18755		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Call_Ap_C$	urrent 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	

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

T					
Actual Function	Count	Expected Function	Count	Result	
ControlTimers	1	ControlTimers	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•	
ControlTimers	1	ControlTimers	1	~	
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	•	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	•	
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	•	

Test Step 2.10 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3484976128		
CustBattDiag_OVSet_ms_M_u32p0	3266911488		
CustBattDiag_UVClr_ms_M_u32p0	2248641280		
CustBattDiag_UVSet_ms_M_u32p0	1274029312		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	target_Rte_Call_Ap_CustBattDiag_SystemTi	me_DtrmnElapsedTime_mS_u16_ElapsedTim	е
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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	1406		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current \\$	3484976128		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3484976128	3484976128	~
CustBattDiag_OVSet_ms_M_u32p0	3266911488	3266911488	~
CustBattDiag_UVClr_ms_M_u32p0	3484976128	3484976128	~
CustBattDiag_UVSet_ms_M_u32p0	1274029312	1274029312	~

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

Test Step 2.11 (Repeat Count = 1)	
Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3414505216
CustBattDiag_OVSet_ms_M_u32p0	1344760832
CustBattDiag_UVClr_ms_M_u32p0	2440307200
CustBattDiag_UVSet_ms_M_u32p0	983716864
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)$	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag
k_OVDetect_Volts_u10p6	1472
k_OVDetect_ms_u16p0	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

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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	~

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 2.12 (Repeat Count = 1)			V
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	514530816		
CustBattDiag_OVSet_ms_M_u32p0	131628800		
CustBattDiag_UVClr_ms_M_u32p0	2185911552		
CustBattDiag_UVSet_ms_M_u32p0	906479360		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the start of t$	21075		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	514530816		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	514530816	514530816	~
CustBattDiag_OVSet_ms_M_u32p0	131628800	131628800	~
CustBattDiag_UVClr_ms_M_u32p0	2185911552	2185911552	-
CustBattDiag_UVSet_ms_M_u32p0	514530816	514530816	•
NTC_Cnt_T_enum	0xE5	0xE5	~
Param_Cnt_T_u08	0x00	0x00	•
Status_Cnt_T_enum	0x00	0x00	~

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





Test Step 2.13 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	2174052608		
CustBattDiag_OVSet_ms_M_u32p0	2966504960		
CustBattDiag_UVClr_ms_M_u32p0	3866340352		
CustBattDiag_UVSet_ms_M_u32p0	3714280960		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfaces and the property of the property of$	32531		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) and (SystemTime_mS) are also consistent for the contract of the co$	t 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)	Innut Value		*
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3015870464		
CustBattDiag_OVSet_ms_M_u32p0	1975709952		
CustBattDiag_UVClr_ms_M_u32p0	3321085696		
CustBattDiag_UVSet_ms_M_u32p0	1252817152	. D. E. IT. 0 40 E. IT.	
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedTime_DtrmnElapsedTime_mS_u16(ElapsedTime_DtrmnElapsedT			ie
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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	-

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

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

Test Step 2.15 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	3161926400		
CustBattDiag_OVSet_ms_M_u32p0	1465511936		
CustBattDiag_UVClr_ms_M_u32p0	4085220864		
CustBattDiag_UVSet_ms_M_u32p0	1220368384		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSunfaces and the state of t$	32339		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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)	<u>.</u>
Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3030729216
CustBattDiag_OVSet_ms_M_u32p0	3511743232
CustBattDiag_UVClr_ms_M_u32p0	918040832
CustBattDiag_UVSet_ms_M_u32p0	751221504
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	896
k_OVDetect_ms_u16p0	31643
k_OVNotDetect_Volts_u10p6	1984

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NTC_Cnt_T_enum Param_Cnt_T_u08

Status_Cnt_T_enum

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	3030729216		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3030729216	3030729216	~
CustBattDiag_OVSet_ms_M_u32p0	3511743232	3511743232	~
CustBattDiag_UVClr_ms_M_u32p0	3030729216	3030729216	~
CustBattDiag_UVSet_ms_M_u32p0	751221504	751221504	~
NTC_Cnt_T_enum	0xE5	0xE5	~
Param_Cnt_T_u08	0x01	0x01	~
Status_Cnt_T_enum	0x01	0x01	~
NTC_Cnt_T_enum	0xE7	0xE7	~

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	-

0x01

0x01

0x01

0x01

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_ElapsedTim	e
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	3308715264		
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	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				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 2.18 (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_ElapsedTim	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	✓	

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	-
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

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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				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	~

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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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(ElapsedTim	target Rte Call Ap CustBattDiag SystemTi	ime DtrmnElapsedTime mS u16 ElapsedTir	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		
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	
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (ElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	sedTim target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u	ı16_ElapsedTime
$Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(Current Control of Control of$	Time) target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag	
k_OVDetect_Volts_u10p6	1216	
k_OVDetect_ms_u16p0	40124	
k_OVNotDetect_Volts_u10p6	192	
k_OVNotDetect_ms_u16p0	26139	
k_UVDetect_Volts_u10p6	832	
k_UVDetect_ms_u16p0	47982	
k_UVNotDetect_Volts_u10p6	256	
k_UVNotDetect_ms_u16p0	78	
target_CustBattDiag_Per1_Batt_Volt_f32.value	20.3913002	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_usubsetedTime_msubset$	16_Elap 7271	
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_instance and target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_instance and target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_instance and target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSys$	Current 1063145472	
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32	
Name	Actual Value Expected Value	Resu
CustBattDiag_OVClr_ms_M_u32p0	1063145472 1063145472	
CustBattDiag_OVSet_ms_M_u32p0	763451648 763451648	
CustBattDiag_UVClr_ms_M_u32p0	4294967295 4294967295	
CustBattDiag_UVSet_ms_M_u32p0	1063145472 1063145472	
NTC_Cnt_T_enum	0xE5 0xE5	
Param_Cnt_T_u08	0x00	
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 2.23 (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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1984		
k_OVDetect_ms_u16p0	40317		
k_OVNotDetect_Volts_u10p6	576		
k_OVNotDetect_ms_u16p0	50296		
k_UVDetect_Volts_u10p6	256		
k_UVDetect_ms_u16p0	29575		
k_UVNotDetect_Volts_u10p6	448		
k_UVNotDetect_ms_u16p0	6912		
target_CustBattDiag_Per1_Batt_Volt_f32.value	14.7420998		
target Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16 Elap	49887		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current	583258880		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	583258880	583258880	-
CustBattDiag_OVSet_ms_M_u32p0	583258880	583258880	•
CustBattDiag_UVClr_ms_M_u32p0	4113644032	4113644032	•
CustBattDiag_UVSet_ms_M_u32p0	583258880	583258880	-
NTC_Cnt_T_enum	0xE5	0xE5	•
Param_Cnt_T_u08	0x00	0x00	-
Status_Cnt_T_enum	0x00	0x00	-

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

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

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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	•

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	~
Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	Rte_Call_Ap_CustBattDiag_NxtrDiagMgr_SetNTCStatus	1	~

Test Step 2.25 (Repeat Count = 1)			~
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	2183718144		
CustBattDiag_OVSet_ms_M_u32p0	3221418496		
CustBattDiag_UVClr_ms_M_u32p0	1346828288		
CustBattDiag_UVSet_ms_M_u32p0	2639436288		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTim)$	target_Rte_Call_Ap_CustBattDiag_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	0		
k_OVDetect_ms_u16p0	21910		
k_OVNotDetect_Volts_u10p6	1344		
k_OVNotDetect_ms_u16p0	35868		
k_UVDetect_Volts_u10p6	1664		
k_UVDetect_ms_u16p0	65535		
k_UVNotDetect_Volts_u10p6	1792		
k_UVNotDetect_ms_u16p0	45857		
target_CustBattDiag_Per1_Batt_Volt_f32.value	13.4319		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap$	9490		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	2183718144		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	2183718144	2183718144	~
CustBattDiag_OVSet_ms_M_u32p0	3221418496	3221418496	~
CustBattDiag_UVClr_ms_M_u32p0	2183718144	2183718144	~
CustBattDiag_UVSet_ms_M_u32p0	2639436288	2639436288	~

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 2.26 (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

CustBattDiag_Per1

CustBattDiag_UVSet_ms_M_u32p0

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Input Value		
1600		
58449		
1536		
36152		
1920		
18803		
512		
44489		
28.4764004		
20307		
t 1794642944		
target_CustBattDiag_Per1_Batt_Volt_f32		
Actual Value	Expected Value	Result
1794642944	1794642944	~
1977478400	1977478400	~
3299465984	3299465984	~
	1600 58449 1536 36152 1920 18803 512 44489 28.4764004 0 20307 t 1794642944 target_CustBattDiag_Per1_Batt_Volt_f32 Actual Value 179478400	1600 58449 1536 36152 1920 18803 512 44489 28.4764004 0 20307 t 1794642944 target_CustBattDiag_Per1_Batt_Volt_f32 Actual Value 1794642944 1977478400 1977478400

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	✓

1794642944

1794642944

Test Step 2.27 (Repeat Count = 1)			<u>~</u>
Name	Input Value		
CustBattDiag OVClr ms M u32p0	738625280		
CustBattDiag OVSet ms M u32p0	2381904896		
CustBattDiag UVClr ms M u32p0	47002112		
CustBattDiag_UVSet_ms_M_u32p0	2986730496		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTin	target_Rte_Call_Ap_CustBattDiag_System	Time_DtrmnElapsedTime_mS_u16_ElapsedTi	ime
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	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_Ela	30635		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currenter (SystemTime_mS) = 0.0000000000000000000000000000000000$	rt 738625280		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Resul
CustBattDiag_OVCIr_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	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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystem$	1718038016		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1718038016	1718038016	~
CustBattDiag_OVSet_ms_M_u32p0	1218694912	1218694912	~
CustBattDiag_UVClr_ms_M_u32p0	2793352448	2793352448	~
CustBattDiag_UVSet_ms_M_u32p0	1718038016	1718038016	✓

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

Test Sten 2 20 (Beneat Count = 4)			
Test Step 2.29 (Repeat Count = 1) Name	Input Value		
	1856059648		
CustBattDiag_OVClr_ms_M_u32p0	4289680896		
CustBattDiag_OVSet_ms_M_u32p0	286604288		
CustBattDiag_UVClr_ms_M_u32p0			
CustBattDiag_UVSet_ms_M_u32p0	2187558400		_
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim			
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)		Time_GetSystemTime_mS_u32_CurrentTime)
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1600		
k_OVDetect_ms_u16p0	60231		
k_OVNotDetect_Volts_u10p6	128		
k_OVNotDetect_ms_u16p0	10488		
k_UVDetect_Volts_u10p6	1728		
k_UVDetect_ms_u16p0	23612		
k_UVNotDetect_Volts_u10p6	256		
k_UVNotDetect_ms_u16p0	14809		
target_CustBattDiag_Per1_Batt_Volt_f32.value	30.4276009		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	p 46170		
target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Curren	ıt 1856059648		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Resul
CustBattDiag_OVCIr_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	~

Test Step 2.30 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	2682198016		
CustBattDiag_OVSet_ms_M_u32p0	0		
CustBattDiag_UVClr_ms_M_u32p0	2152664832		
CustBattDiag_UVSet_ms_M_u32p0	804014336		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemT	me_DtrmnElapsedTime_mS_u16_ElapsedTim	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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	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	~

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	~

Test Step 2.31 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3730930432
CustBattDiag_OVSet_ms_M_u32p0	4294967295
CustBattDiag_UVClr_ms_M_u32p0	363697664
CustBattDiag_UVSet_ms_M_u32p0	473819136
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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

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CustBattDiag_Per1

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



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	~

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	~

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_SystemT	ime_DtrmnElapsedTime_mS_u16_ElapsedTim	1е
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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSuperscript{0.00000000000000000000000000000000000$	24529		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	2855754752		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	2855754752	2855754752	~
CustBattDiag_OVSet_ms_M_u32p0	1050006784	1050006784	~
CustBattDiag_UVClr_ms_M_u32p0	2855754752	2855754752	~
CustBattDiag_UVSet_ms_M_u32p0	2855754752	2855754752	~

T and the state of					
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
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	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	ime_GetSystemTime_mS_u32_CurrentTime	
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag		
k_OVDetect_Volts_u10p6	1216		
k_OVDetect_ms_u16p0	60245		
k_OVNotDetect_Volts_u10p6	1408		
k_OVNotDetect_ms_u16p0	8771		
k_UVDetect_Volts_u10p6	704		
k_UVDetect_ms_u16p0	30624		
k_UVNotDetect_Volts_u10p6	320		
k_UVNotDetect_ms_u16p0	3120		
target_CustBattDiag_Per1_Batt_Volt_f32.value	28.9850998		
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	43089		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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_UVCIr_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	-

Name	Input Value		
CustBattDiag OVCIr ms M u32p0	1424012800		
CustBattDiag OVSet ms M u32p0	224065280		
CustBattDiag UVCIr ms M u32p0	1530860800		
CustBattDiag UVSet ms M u32p0	3886628608		
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16(ElapsedTim	target Rte Call Ap CustBattDiag System	Time DtrmnElapsedTime mS u16 Elapsed	Time
Rte Call Ap CustBattDiag SystemTime GetSystemTime mS u32(CurrentTime)		Time 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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	16639		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current$	1424012800		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1424012800	1424012800	-
CustBattDiag_OVSet_ms_M_u32p0	1424012800	1424012800	•
CustBattDiag_UVClr_ms_M_u32p0	1424012800	1424012800	•
CustBattDiag_UVSet_ms_M_u32p0	3886628608	3886628608	-
NTC_Cnt_T_enum	0xE5	0xE5	•
Param_Cnt_T_u08	0x01	0x01	•
Status_Cnt_T_enum	0x01	0x01	•



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)			✓
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16) (ElapsedTi$	target_Rte_Call_Ap_CustBattDiag_SystemTi	ime_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		
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_Get$	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_UVCIr_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	_

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 2.38 (Repeat Count = 1)	van de la company de la co
Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	1634000896
CustBattDiag_OVSet_ms_M_u32p0	2820221184
CustBattDiag_UVClr_ms_M_u32p0	3511564032
CustBattDiag_UVSet_ms_M_u32p0	572109056
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	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

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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	~

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 2.39 (Repeat Count = 1)			V
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		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	
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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime_mSulfalesedTi$	p 60243		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Currer$	it 3404735232		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3404735232	3404735232	~
CustBattDiag_OVSet_ms_M_u32p0	3404735232	3404735232	•
CustBattDiag_UVClr_ms_M_u32p0	1901075968	1901075968	-
CustBattDiag_UVSet_ms_M_u32p0	3404735232	3404735232	~
NTC_Cnt_T_enum	0xE5	0xE5	~
Param_Cnt_T_u08	0x00	0x00	~
Status_Cnt_T_enum	0x00	0x00	•

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

Test Step 2.40 (Repeat Count = 1)	✓
Name	Input Value
CustBattDiag_OVClr_ms_M_u32p0	3273284096
CustBattDiag_OVSet_ms_M_u32p0	2635655936
CustBattDiag_UVClr_ms_M_u32p0	1571186944
CustBattDiag_UVSet_ms_M_u32p0	509457152
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_ElapsedTime
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32(CurrentTime)	target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_CurrentTime
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag

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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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current for the control of the$	3273284096		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	3273284096	3273284096	~
CustBattDiag_OVSet_ms_M_u32p0	3273284096	3273284096	✓
CustBattDiag_UVClr_ms_M_u32p0	1571186944	1571186944	~
CustBattDiag_UVSet_ms_M_u32p0	3273284096	3273284096	~

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

Test Step 2.41 (Repeat Count = 1)			~
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	1815590144		
CustBattDiag_OVSet_ms_M_u32p0	3384803840		
CustBattDiag_UVClr_ms_M_u32p0	2744092672		
CustBattDiag_UVSet_ms_M_u32p0	856795648		
$Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16 (ElapsedTime_mS_u16 (Ela$	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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	40356		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current to the control of the $	1815590144		
target_Rte_Inst_Ap_CustBattDiag.CustBattDiag_Per1_Batt_Volt_f32	target_CustBattDiag_Per1_Batt_Volt_f32		
Name	Actual Value	Expected Value	Result
CustBattDiag_OVClr_ms_M_u32p0	1815590144	1815590144	~
CustBattDiag_OVSet_ms_M_u32p0	3384803840	3384803840	~
CustBattDiag_UVClr_ms_M_u32p0	2744092672	2744092672	~
CustBattDiag_UVSet_ms_M_u32p0	1815590144	1815590144	~
NTC_Cnt_T_enum	0xE7	0xE7	~
Param_Cnt_T_u08	0x01	0x01	~
Status_Cnt_T_enum	0x01	0x01	~

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



Test 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"

Test Step 3.1 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	4294967295		
CustBattDiag_OVSet_ms_M_u32p0	4294967295		
CustBattDiag_UVClr_ms_M_u32p0	4294967295		
CustBattDiag_UVSet_ms_M_u32p0	4294967295		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	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	~

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	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	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		
$target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_E$	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_UVCIr_ms_M_u32p0	354815744	354815744	~
CustBattDiag_UVSet_ms_M_u32p0	2251295744	2251295744	•

T				✓
Actual Function	Count	Expected Function	Count	Result
ControlTimers	1	ControlTimers	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16	1	~
ControlTimers	1	ControlTimers	1	✓
Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32	1	~
Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	Rte Call Ap CustBattDiag SystemTime DtrmnElapsedTime mS u16	1	✓

Test Step 3.3 (Repeat Count = 1)			✓
Name	Input Value		
CustBattDiag_OVClr_ms_M_u32p0	1932039680		
CustBattDiag_OVSet_ms_M_u32p0	2491700992		
CustBattDiag_UVClr_ms_M_u32p0	1167422720		
CustBattDiag_UVSet_ms_M_u32p0	3493764864		
Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16(ElapsedTim	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	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_UVCIr_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				4
- 1				~
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(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_CurrentTime				
Rte_Inst_Ap_CustBattDiag	target_Rte_Inst_Ap_CustBattDiag				
k_OVDetect_Volts_u10p6	1024				
k_OVDetect_ms_u16p0	35843				
k_OVNotDetect_Volts_u10p6	1984				
k_OVNotDetect_ms_u16p0	57057				
k_UVDetect_Volts_u10p6	1856				
k_UVDetect_ms_u16p0	62181				
k_UVNotDetect_Volts_u10p6	192				
k_UVNotDetect_ms_u16p0	60948				
target_CustBattDiag_Per1_Batt_Volt_f32.value	13				
target_Rte_Call_Ap_CustBattDiag_SystemTime_DtrmnElapsedTime_mS_u16_Elap	65185				
$target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_mS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSystemTime_GetSystemTime_MS_u32_Current target_Rte_Call_Ap_CustBattDiag_SystemTime_GetSy$	1878851840				
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	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	✓