

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BHV9
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HYBRID / BATTERY CONTROL: HYBRID BATTERY SYSTEM (for PHEV Model): P062F46; Hybrid/EV Battery Energy Control Module EEPROM Calibration / Parameter Memory Failure; 2023 - 2024 MY Prius Prime [03/2023 -]		

DTC	P062F46	Hybrid/EV Battery Energy Control Module EEPROM Calibration / Parameter Memory Failure
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DESCRIPTION

The battery ECU assembly monitors its internal operation and will store a DTC when it detects an internal malfunction. If this DTC is stored, replace the battery ECU assembly.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE
P062F46	Hybrid/EV Battery Energy Control Module EEPROM Calibration / Parameter Memory Failure	ECU internal malfunction (1 trip detection logic)	Battery ECU assembly	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P062F

MONITOR DESCRIPTION

The battery ECU assembly monitors its internal operation. If the internal operation is malfunctioning, the battery ECU assembly illuminates the MIL and stores a DTC.

MONITOR STRATEGY

Related DTCs	P062F (INF P062F46): Internal control module EEPROM (battery energy control module)
Required sensors/components	Battery ECU assembly
Frequency of operation	Continuous
Duration	TMC's intellectual property
MIL operation	1 driving cycle
Sequence of operation	None

TYPICAL ENABLING CONDITIONS

The monitor will run whenever the following DTCs are not stored	TMC's intellectual property
Other conditions belong to TMC's intellectual property	-

TYPICAL MALFUNCTION THRESHOLDS

TMC's intellectual property	-
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COMPONENT OPERATING RANGE

Battery ECU assembly	DTC P062F (INF P062F46) is not detected
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CONFIRMATION DRIVING PATTERN

HINT:

- After repair has been completed, clear the DTC and then check that the vehicle has returned to normal by performing the following All Readiness check procedure.

[Click here](#) INFO

- When clearing the permanent DTCs, refer to the "CLEAR PERMANENT DTC" procedure.

[Click here](#) INFO

- Clear the DTCs (even if no DTCs are stored, perform the clear DTC procedure).
- Turn the ignition switch off and wait for 2 minutes or more.
- Turn the ignition switch to ON and wait for 30 seconds or more.[*1]

HINT:

[*1]: Normal judgment procedure.

The normal judgment procedure is used to complete DTC judgment and also used when clearing permanent DTCs.

- Enter the following menus: Powertrain / HV Battery / Utility / All Readiness.
- Check the DTC judgment result.

HINT:

- If the judgment result shows NORMAL, the system is normal.
- If the judgment result shows ABNORMAL, the system has a malfunction.
- If the judgment result shows INCOMPLETE or N/A, perform the normal judgment procedure again.

CAUTION / NOTICE / HINT

NOTICE:

Be sure to check that the applicable DTC is output from the hybrid battery system.

PROCEDURE

1.	CHECK DTC OUTPUT (HEALTH CHECK)
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Pre-procedure1

- (a) According to the display on the GTS, select "Health Check".

Procedure1

- (b) Check for DTCs.

RESULT	PROCEED TO
P062F46 is output from the hybrid battery system.	A

RESULT	PROCEED TO
P062F46 is output from any system other than the hybrid battery system.	B

Post-procedure1

(c) Turn the ignition switch off.

A ► **REPLACE BATTERY ECU ASSEMBLY**

B ► **GO TO PERFORM DIAGNOSIS FOR RESPECTIVE SYSTEM**

