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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: HYBRID / BATTERY CONTROL: HYBRID CONTROL SYSTEM (for M20A-FXS): P062F44; Hybrid/EV Powertrain Control Module EEPROM Data Memory Failure; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DTC	P062F44	Hybrid/EV Powertrain Control Module EEPROM Data Memory Failure
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DESCRIPTION

The hybrid vehicle control ECU monitors its internal operation and will store these DTCs when it detects an internal malfunction. If these DTCs are output, replace the hybrid vehicle control ECU.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE
P062F44	Hybrid/EV Powertrain Control Module EEPROM Data Memory Failure	ECU internal malfunction (EEPROM error) (1 trip detection logic)	Hybrid vehicle control ECU	Comes on	Master Warning: Does not come on	Hybrid Control	A	SAE Code: P062F

MONITOR DESCRIPTION

The hybrid vehicle control ECU monitors its internal operation. If the internal operation is malfunctioning, the hybrid vehicle control ECU illuminates the MIL and stores a DTC.

MONITOR STRATEGY

Related DTCs	P062F (INF P062F44): Internal control module EEPROM functional
Required sensors/components	Hybrid vehicle control ECU
Frequency of operation	Continuous
Duration	TMC's intellectual property
MIL operation	Immediately / 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

-

COMPONENT OPERATING RANGE

Hybrid vehicle control ECU

DTC P062F (INF P062F44) is not detected

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.
- With ignition switch to ON and wait for 15 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 / Hybrid Control / 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, perform the normal judgment procedure again.

CAUTION / NOTICE / HINT

NOTICE:

- Be sure to check that the applicable DTC is output from the hybrid control system.
- There is a possibility that the DTC P062F44 is issued from the ECUs of the ECM and hybrid vehicle control ECU. Use GTS to conduct a health check to confirm which ECU the DTC is issued from and then inspect the related system.

PROCEDURE

1. CHECK DTC OUTPUT (HEALTH CHECK)

Pre-procedure1

(a) None.

Procedure1

(b) Check for DTCs.

RESULT	PROCEED TO
P062F44 is output from the hybrid control system.	A
P062F44 is output from any system other than the hybrid control system.	B

Post-procedure1

(c) Turn the ignition switch off.

A ► **REPLACE HYBRID VEHICLE CONTROL ECU** INFO

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

