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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> HYBRID / BATTERY CONTROL: HYBRID BATTERY SYSTEM (for PHEV Model): P060629; Hybrid/EV Battery Energy Control Module Processor to Monitoring Processor Signal Invalid; 2023 - 2024 MY Prius Prime [03/2023 - ]		

<b>DTC</b>	<b>P060629</b>	<b>Hybrid/EV Battery Energy Control Module Processor to Monitoring Processor Signal Invalid</b>
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## DESCRIPTION

The battery ECU assembly monitors its internal operation and will store a DTC when it detects an internal malfunction.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE
P060629	Hybrid/EV Battery Energy Control Module Processor to Monitoring Processor Signal Invalid	ECU internal malfunction (1 trip detection logic)	Battery ECU assembly	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0606

## 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	P0606 (INF P060629): Control module processor (battery energy control module)
Required sensors/components	Battery ECU assembly
Frequency of operation	Continuous
Duration	TMC's intellectual property
MIL operation	Immediately
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 P0606 (INF P060629) 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.
- 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.

## PROCEDURE

### 1. REPLACE BATTERY ECU ASSEMBLY

### HINT:

[Click here](#) INFO

**NEXT**  **COMPLETED**

