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HYBRID / BATTERY CONTROL: PLUG-IN CHARGE CONTROL SYSTEM (for PHEV Model): P168449; AC Onboard Charger Mo...

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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]						
Title: HYBRID / BATTERY CONTROL: PLUG-IN CHARGE CONTROL SYSTEM (for PHEV Model): P168449; AC Onboard								
Charger Module Processor Internal Electronic Failure; 2023 - 2024 MY Prius Prime [03/2023 -]								

DTC

P168449 AC

AC Onboard Charger Module Processor Internal Electronic Failure

DESCRIPTION

The charge control ECU built into the electric vehicle charger assembly monitors its internal operation. When this DTC is output, replace the electric vehicle charger assembly.

DTC	DETECTION ITEM		TROUBLE	MIL	WARNING	DTC	PRIORITY	NOTE
NO.		CONDITION	AREA		INDICATE	OUTPUT		
						FROM		
P168449	AC Onboard Charger Module Processor Internal	ALU malfunction is detected by each CPU	vehicle charger assembly	not come	Master Warning: Comes on	Plug-in Control		SAE Code: P1684

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.

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- 1. Clear the DTCs (even if no DTCs are stored, perform the clear DTC procedure).
- 2. Enter the following menus: Powertrain / Hybrid Control / Data List.
- 3. Check that "Hybrid/EV Battery SOC" shows 70% or less.
- 4. Turn the ignition switch off and wait for 2 minutes or more.
- 5. Connect the electric vehicle charger cable assembly, and plug-in charge the vehicle for 30 seconds or more.
- 6. Disconnect the electric vehicle charger cable assembly and wait for 10 seconds or more.
- 7. Enter the following menus: Powertrain / Plug-in Control / Utility / All Readiness.
- 8. Check the DTC judgment result.

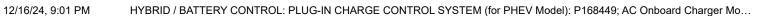
HINT:

- 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 driving pattern again.

PROCEDURE

1.

REPLACE ELECTRIC VEHICLE CHARGER ASSEMBLY



HINT:

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