

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BIYE
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HYBRID / BATTERY CONTROL: PLUG-IN CHARGE CONTROL SYSTEM (for PHEV Model): P19D014; Hybrid/EV Battery Charger Control Module "A" Sensor Power Supply "A" Circuit Short to Ground or Open; 2023 - 2024 MY Prius Prime [03/2023 -]		

DTC	P19D014	Hybrid/EV Battery Charger Control Module "A" Sensor Power Supply "A" Circuit Short to Ground or Open
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DESCRIPTION

The plug-in charge control ECU monitors the internal operation of the ECU and outputs a diagnostic code when an abnormality is detected.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE
P19D014	Hybrid/EV Battery Charger Control Module "A" Sensor Power Supply "A" Circuit Short to Ground or Open	<p>[Vehicle stopped]</p> <p>All of the following conditions are met simultaneously for 3000 ms or more:</p> <ul style="list-style-type: none"> +B low voltage guard is not in effect Sampling power source output command is ON Sampling power source normal status is OFF <p>[Vehicle being driven]</p> <p>All of the following conditions are met simultaneously:</p> <ul style="list-style-type: none"> Sampling power source output command is ON SMP5 power source instantaneous decrease flag is ON Shift position is not P Shift position is not N 	Plug-in charge control ECU assembly	Does not come on	Master Warning: Comes on	Plug-in Control	A	SAE Code: P19D1

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE
		<ul style="list-style-type: none"> Measured vehicle speed from less than 5 km/h to 5 km/h or more (1 trip detection logic) 						

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](#)

1. Connect the GTS to the DLC3.
2. Turn the ignition switch to ON and turn the GTS on.
3. Clear the DTCs (even if no DTCs are stored, perform the clear DTC procedure).
4. Turn the ignition switch off and wait for 2 minutes or more.
5. Turn the ignition switch to ON and turn the GTS on.
6. With the ignition switch ON, wait for 5 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 or N/A, perform driving pattern again.

PROCEDURE

1.	REPLACE PLUGIN CHARGE CONTROL ECU ASSEMBLY
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HINT:

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NEXT  **COMPLETED**

