

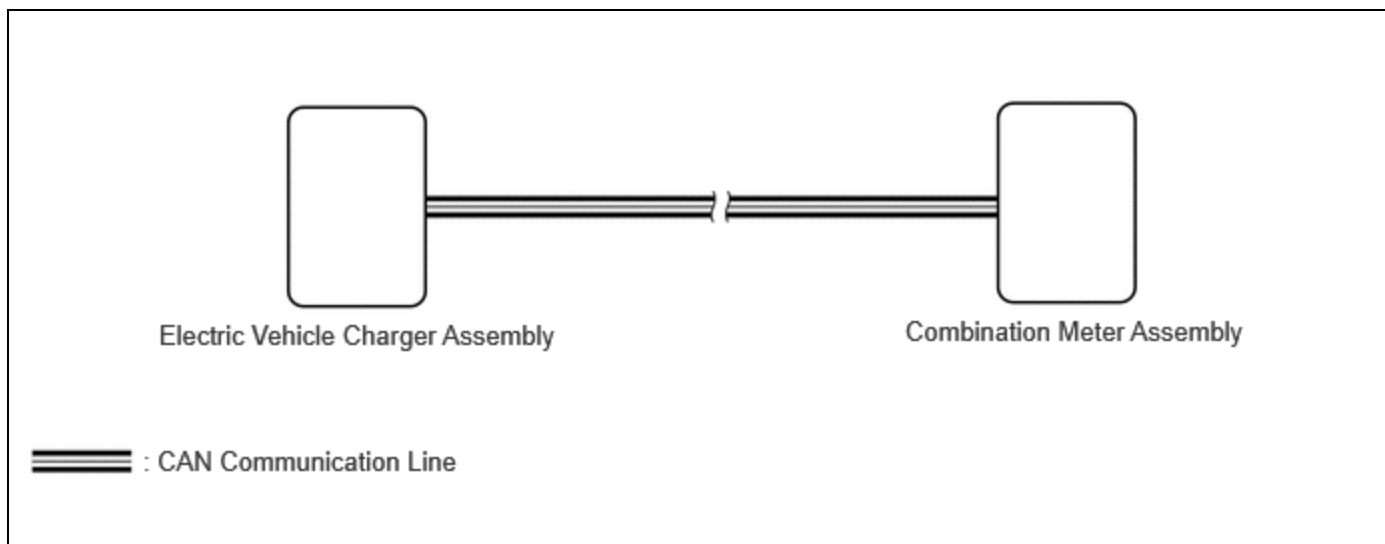
Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BJEP
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: METER / GAUGE / DISPLAY: METER / GAUGE SYSTEM: SOC Gauge Malfunction; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

SOC Gauge Malfunction

DESCRIPTION

A SOC gauge has been included on this vehicle. In this circuit, the combination meter assembly receives the SOC status signal from the electric vehicle charger assembly via CAN communication. The combination meter assembly controls the operation of the SOC gauge according to the SOC status signal received from the electric vehicle charger assembly via CAN communication.

WIRING DIAGRAM



CAUTION / NOTICE / HINT

NOTICE:

- When replacing the combination meter assembly, always replace it with a new one. If a combination meter assembly which was installed to another vehicle is used, the information stored in it will not match the information from the vehicle and a DTC may be stored.
- When replacing the combination meter assembly, update the ECU security key.

[Click here](#) **INFO**

PROCEDURE

1. CHECK CAN COMMUNICATION SYSTEM

(a) Check if CAN communication system DTCs are output.

[Click here](#) **INFO**

RESULT	PROCEED TO
DTCs are not output	A
DTCs are output	B

B ► GO TO CAN COMMUNICATION SYSTEM

A



2.	CHECK FOR DTC (HYBRID CONTROL SYSTEM)
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(a) Check if hybrid control system DTCs are output.

Powertrain > Plug-in Control > Trouble Codes

RESULT	PROCEED TO
DTCs are not output	A
DTCs are output	B

B ► GO TO PLUG-IN CHARGE CONTROL SYSTEM

A



3.	REPLACE COMBINATION METER ASSEMBLY
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(a) Replace the combination meter assembly with a new or known good one.

HINT:

Click here [INFO](#)

OK:

SOC gauge indication is normal.

OK ► END (COMBINATION METER ASSEMBLY IS DEFECTIVE)

NG ► REPLACE ELECTRIC VEHICLE CHARGER ASSEMBLY

