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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> POWER ASSIST SYSTEMS: POWER STEERING SYSTEM: HOW TO PROCEED WITH TROUBLESHOOTING; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## HOW TO PROCEED WITH TROUBLESHOOTING

## CAUTION / NOTICE / HINT

### HINT:

- Use the following procedure to troubleshoot the power steering system.
- \*: Use the GTS.

## PROCEDURE

### 1. VEHICLE BROUGHT TO WORKSHOP

### NEXT



### 2. INSPECT AUXILIARY BATTERY

- Turn the ignition switch off.
- Measure the voltage of the auxiliary battery.

Standard Voltage:

11 to 14 V

### HINT:

If the voltage is below 11 V, recharge or replace the auxiliary battery before proceeding to the next step.

### NEXT



### 3. CHECK DTC AND FREEZE FRAME DATA\*

### HINT:

Refer to DTC Check / Clear.

Chassis > EMPS > Trouble Codes

### NEXT



<b>4.</b>	<b>PROBLEM SYMPTOM CONFIRMATION</b>
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RESULT	PROCEED TO
Symptom does not occur.	A
Symptom occurs.	B

**B** **GO TO STEP 6**

**A**



<b>5.</b>	<b>SYMPTOM SIMULATION</b>
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**NEXT**



<b>6.</b>	<b>CHECK CAN COMMUNICATION SYSTEM*</b>
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(a) Check for DTCs.

for HEV Model: Click here [INFO](#)

for PHEV Model: Click here [INFO](#)

RESULT	PROCEED TO
CAN communication system DTCs are not output.	A
CAN communication system DTCs are output.	B

**HINT:**

- If any CAN communication system DTCs are output, perform troubleshooting for the CAN communication system first.
- If communication to the power steering ECU assembly cannot be established through the GTS, inspect terminals CANH and CANL of the DLC3 and the power steering ECU assembly, and the IG circuit of the power steering ECU assembly.

**B ▶ PROCEED TO CAN COMMUNICATION SYSTEM**for HEV Model: Click here [INFO](#)for PHEV Model: Click here [INFO](#)**A**

<b>7.</b>	<b>CHECK FOR DTC*</b>
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(a) Check for DTCs.

**Chassis > EMPS > Trouble Codes****HINT:**

Refer to Diagnostic Trouble Code Chart when any DTCs are output.

Click here [INFO](#)

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

**B ▶ GO TO STEP 10****A**

<b>8.</b>	<b>PROBLEM SYMPTOMS TABLE</b>
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(a) Refer to Problem Symptoms Table.

Click here [INFO](#)

RESULT	PROCEED TO
Fault is not listed in Problem Symptoms Table.	A
Fault is listed in Problem Symptoms Table.	B

**B ▶ GO TO STEP 10**

**A****9. OVERALL ANALYSIS AND TROUBLESHOOTING\***

(a) Refer to Terminals of ECU.

Click here [INFO](#)

(b) Refer to Data List / Active Test.

Click here [INFO](#)

**NEXT****10. REPAIR OR REPLACE****NEXT****11. CONFIRMATION TEST****NEXT** **END**