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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: PARKING BRAKE: ELECTRIC PARKING BRAKE SYSTEM: HOW TO PROCEED WITH TROUBLESHOOTING; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

HOW TO PROCEED WITH TROUBLESHOOTING

CAUTION / NOTICE / HINT

HINT:

*: Use the GTS.

PROCEDURE

1. VEHICLE BROUGHT TO WORKSHOP

NEXT



2. CUSTOMER PROBLEM ANALYSIS

(a) Interview the customer and confirm the problem.

Click here [INFO](#)

NEXT



3. INSPECT AUXILIARY BATTERY VOLTAGE

(a) Measure the auxiliary battery voltage with the ignition switch off.

Standard Voltage:

11 to 14 V (Ignition switch off)

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

NEXT



4. CHECK DTC AND FREEZE FRAME DATA*

(a) Check and record DTCs and freeze frame data.

Chassis > Brake/EPB > Trouble Codes

(b) Clear the DTCs and freeze frame data.

Chassis > Brake/EPB > Clear DTCs

(c) Recheck for DTCs.

(1) Reconfirm the DTCs based on the recorded DTCs and freeze frame data.

Chassis > Brake/EPB > Trouble Codes

(2) Try to reproduce the problem symptoms based on the recorded DTCs and freeze frame data, and then check if the DTCs are output again.

RESULT	PROCEED TO
DTCs are not output (Problem symptom occurs.)	A
DTCs are output	B
DTCs are not output (Problem symptom does not occur.)	C

HINT:

- Refer to Diagnostic Trouble Code Chart if any DTCs are output.
- When DTCs indicating a CAN communication system malfunction are output, first troubleshoot and repair the CAN communication system.

B ► **GO TO DIAGNOSTIC TROUBLE CODE CHART**

C ► **USE SIMULATION METHOD TO CHECK**

A



5. PROBLEM SYMPTOMS TABLE

(a) Proceed to Problem Symptoms Table.

Click here [INFO](#)

HINT:

If fault is listed in Problem Symptoms Table, perform troubleshooting before proceeding to the next step.

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

B ► **GO TO STEP 8**

A



6. OVERALL ANALYSIS AND TROUBLESHOOTING*

(a) Refer to Terminals of ECU.

Click here [INFO](#)

(b) Refer to Data List / Active Test.

Click here [INFO](#)

NEXT



7. REPAIR OR REPLACE

NEXT



8. CONFIRMATION TEST

NEXT ► **END**

