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

HOW TO PROCEED WITH TROUBLESHOOTING

CAUTION / NOTICE / HINT

HINT:

- Use these procedures to troubleshoot the power integration system.
- *: Use the GTS.

PROCEDURE

1. VEHICLE BROUGHT TO WORKSHOP

NEXT



2. INSPECT AUXILIARY BATTERY VOLTAGE

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

Standard Voltage:

11 to 14 V

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

NEXT



3. CHECK COMMUNICATION FUNCTION OF CXPI COMMUNICATION SYSTEM*

(a) Using the GTS, check the CXPI communication function to ensure that there are no malfunctions in the communication system.

RESULT	PROCEED TO
No DTCs output	A

RESULT	PROCEED TO
DTCs output	B

B  **GO TO CXPI COMMUNICATION SYSTEM** 

A


4. CHECK VEHICLE CONTROL HISTORY (RoB)*

(a) Using the GTS, check for Vehicle Control History (RoB).

Body Electrical > Power Distribution Box > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

(b) If the vehicle control history is output, record it.

RESULT	PROCEED TO
Vehicle Control History (RoB) is not output	A
Vehicle Control History (RoB) is output	B

B  **GO TO VEHICLE CONTROL HISTORY (ROB)**

A


5. CHECK FOR DTC*

(a) Check for DTCs and make a note of any codes that are output.

(b) Clear the DTCs.

Body Electrical > Power Distribution Box > Clear DTCs

(c) Recheck for DTCs.

Body Electrical > Power Distribution Box > Trouble Codes

RESULT	PROCEED TO
No DTCs output	A
DTCs output	B

B  **GO TO DIAGNOSTIC TROUBLE CODE CHART**

A




6.	PROBLEM SYMPTOMS TABLE
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(a) Refer to the Problem Symptoms Table.

Click here 

**Fault is listed in
problem
symptoms table**

 **ADJUST, REPAIR OR REPLACE
IN ACCORDANCE WITH
PROBLEM SYMPTOMS TABLE**

**Fault is
not listed
in
problem
symptoms
table**



7.	OVERALL ANALYSIS AND TROUBLESHOOTING*
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(a) Data List / Active Test

Click here 

(b) Terminals of ECU

Click here 

(c) Problem Symptoms Table

Click here 

NEXT



8.	ADJUST, REPAIR OR REPLACE
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NEXT  **END**

