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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: NETWORKING: CXPI COMMUNICATION SYSTEM: HOW TO PROCEED WITH TROUBLESHOOTING; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

HOW TO PROCEED WITH TROUBLESHOOTING

CAUTION / NOTICE / HINT

HINT:

- Use these procedures to troubleshoot the CXPI communication 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 to the next step.

NEXT



3. CHECK COMMUNICATION FUNCTION OF CAN COMMUNICATION SYSTEM*

(a) Using the GTS, check for CAN communication system DTCs.

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

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

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

B  **GO TO CAN COMMUNICATION SYSTEM**

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

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

A



4.	CHECK POWER INTEGRATION SYSTEM*
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(a) Use the GTS to check if the power integration system is functioning normally.

Body Electrical > Power Distribution Box > Trouble Codes

RESULT	PROCEED TO
Power integration system DTCs are not output	A
Power integration system DTCs are output	B

B  **GO TO POWER INTEGRATION SYSTEM**

A



5.	CHECK FOR DTC*
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(a) Check for DTCs and make a note of any codes that are output.

Body Electrical > Main Body > Trouble Codes

(b) Clear the DTCs.

Body Electrical > Main Body > Clear DTCs

(c) Recheck for DTCs.

Body Electrical > Main Body > Trouble Codes

RESULT	PROCEED TO
No DTCs output	A
DTCs output	B

B  **GO TO DIAGNOSTIC TROUBLE CODE CHART**

A



6. OVERALL ANALYSIS AND TROUBLESHOOTING*

(a) Data List / Active Test

Click here 

(b) Terminals of ECU

Click here 

NEXT



7. ADJUST, REPAIR OR REPLACE

NEXT  **END**

