

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BNGM
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: SEAT: SEAT HEATER 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 seat heater system.
- *: Use the GTS.

PROCEDURE

1. VEHICLE BROUGHT TO WORKSHOP

NEXT



2. CUSTOMER PROBLEM ANALYSIS

(a) Interview the customer to confirm the problem.

Click here [INFO](#)

NEXT



3. PRE-CHECK

(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.

(b) Check the fuses and relays.

(c) Check the connector connections and terminals to make sure that there are no abnormalities such as loose connections, deformation, etc.

NEXT**4. INSPECT 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**5. CHECK FOR DTC***

(a) Clear the DTCs.

Body Electrical > Air Conditioner > Clear DTCs

(b) Check for DTCs.

Body Electrical > Air Conditioner > Trouble Codes

RESULT	PROCEED TO
DTCs are not output	A
Air conditioning system DTCs are output	B
Seat heater system DTCs are output	C

B ▶ GO TO AIR CONDITIONING SYSTEMfor HEV Model: Click here [INFO](#)for PHEV Model: Click here [INFO](#)**C ▶ GO TO DIAGNOSTIC TROUBLE CODE CHART****A****6. PROBLEM SYMPTOMS TABLE**

(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 8**A****7. OVERALL ANALYSIS AND TROUBLESHOOTING***

(a) Operation Check

Click here [INFO](#)

(b) Terminals of ECU

Click here [INFO](#)

(c) Data List / Active Test

Click here [INFO](#)

(d) Inspection

NEXT



8.	REPAIR OR REPLACE
-----------	--------------------------

NEXT



9.	CONFIRMATION TEST
-----------	--------------------------

NEXT  **END**

