

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002BNI2
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: SEAT BELT: SEAT BELT WARNING SYSTEM (w/o Occupant Classification 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 belt warning 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. 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**5. CHECK COMMUNICATION FUNCTION OF CXPI COMMUNICATION SYSTEM***

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

Click here [INFO](#)

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

B ► GO TO CXPI COMMUNICATION SYSTEM



6. CHECK COMBINATION METER ASSEMBLY

(a) Check the operation of the speedometer, shift indicator and brake warning light on the combination meter assembly.

OK:

The speedometer, shift indicator and brake warning light on the combination meter assembly operate normally.

NG ► **GO TO METER / GAUGE SYSTEM**



7. 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 9**



8. OVERALL ANALYSIS AND TROUBLESHOOTING*

(a) Data List / Active Test

Click here [INFO](#)

(b) Terminals of ECU

Click here [INFO](#)

NEXT



9.	REPAIR OR REPLACE
-----------	--------------------------

NEXT



10.	CONFIRMATION TEST
------------	--------------------------

NEXT  **END**

