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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: PARK ASSIST / MONITORING: BLIND SPOT MONITOR 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 blind spot monitor system.
- *: Use the GTS.

PROCEDURE

1. VEHICLE BROUGHT TO WORKSHOP

NEXT



2. CUSTOMER PROBLEM ANALYSIS

HINT:

If there are any scratches or impact marks on the rear bumper, perform the blind spot monitor beam axis confirmation. If any abnormalities are found, perform the blind spot monitor sensor installation condition inspection.

NEXT



3. 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, replace or recharge the auxiliary battery before proceeding to the next step.

NEXT



4. CHECK CAN COMMUNICATION SYSTEM*

(a) Use the GTS to check if the CAN communication system is functioning normally.

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

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

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

B ▶ GO TO CAN COMMUNICATION SYSTEM

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

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



5. CHECK FOR DTC AND FREEZE FRAME DATA*

(a) Refer to DTC Check / Clear for the blind spot monitor system.

Body Electrical > Blind Spot Monitor "B" > Trouble Codes
Body Electrical > Blind Spot Monitor "A" > Trouble Codes

(b) Record or print DTCs and freeze frame data, if necessary.

Click here [INFO](#)

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

B ▶ GO TO DIAGNOSTIC TROUBLE CODE CHART



6. CHECK FOR VEHICLE CONTROL HISTORY (RoB)*

(a) Check for vehicle control history and note any codes that are output.

Body Electrical > Blind Spot Monitor "B" > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

Body Electrical > Blind Spot Monitor "A" > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

NOTICE:

Record or print Vehicle control history (RoB), if necessary.

RESULT	PROCEED TO
Vehicle control history (RoB) is output	A
Vehicle control history (RoB) is not output	B

B ► **GO TO VEHICLE CONTROL HISTORY (RoB)**

A



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

HINT:

If the symptom does not recur and no DTCs are output, attempt to reproduce the symptoms.

B  [GO TO PROBLEM SYMPTOMS TABLE](#)

A



8.	PERFORM TROUBLESHOOTING BASED ON MALFUNCTION SYMPTOM*
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(a) Refer to Terminals of ECU.

Click here [INFO](#)

(b) Refer to Diagnosis System.

Click here [INFO](#)

(c) Refer to Data List / Active Test.

Click here [INFO](#)

NEXT



9.	ADJUST, REPAIR OR REPLACE
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RESULT	PROCEED TO
When adjusting or repairing	A
When replacing	B

B  [GO TO STEP 11](#)

A



10.	CLEAR DTC
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(a) Clear the DTCs.

Body Electrical > Blind Spot Monitor "B" > Clear DTCs

Body Electrical > Blind Spot Monitor "A" > Clear DTCs

NEXT  **GO TO STEP 11****11. PERFORM BEAM AXIS CONFIRMATION**

(a) Confirm the blind spot monitor beam axis display and perform the blind spot monitor beam axis adjustment.

Driving Adjustment: Target Adjustment (Triangle Target) : ECU data Save / Write: **NEXT****12. PERFORM CONFIRMATION TEST*****NEXT**  **END**