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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: PARK ASSIST / MONITORING: PARKING ASSIST 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 parking assist monitor system.
- *: Use the GTS.

PROCEDURE

1. VEHICLE BROUGHT TO WORKSHOP

NEXT



2. CUSTOMER PROBLEM ANALYSIS

- (a) Ask the customer about the problems and the conditions at the time the malfunction occurred to make sure the problem symptom was not temporarily caused by radio waves in the surrounding environment.

HINT:

The parking assist monitor display may be temporarily distorted due to radio waves around the vehicle.

PROBLEM SYMPTOM	CAUSE
The problem symptom indicates a parking assist monitor display malfunction and the problem symptom cannot be reproduced.	The display may be temporarily distorted when the vehicle is close to an object that transmits radio waves, such as a telecommunication tower, an airport or a truck equipped with a transceiver.

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 AUDIO AND VISUAL SYSTEM
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(a) Refer to Audio and Visual System.

Click here [INFO](#)

RESULT	PROCEED TO
Audio and visual system is normal	A
Audio and visual system is abnormal	B

B **GO TO AUDIO AND VISUAL SYSTEM**

A

5.	CHECK COMMUNICATION FUNCTION OF CAN COMMUNICATION SYSTEM*
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(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](#)

A
▼

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

Chassis > Rear Camera > Trouble Codes
Body Electrical > Navigation System > Trouble Codes

(b) Clear the DTCs.

Chassis > Rear Camera > Clear DTCs
Body Electrical > Navigation System > Clear DTCs

(c) Recheck for DTCs. Try to reproduce the problem symptoms based on the recorded DTCs, and then check if the DTCs are output again.

Chassis > Rear Camera > Trouble Codes
Body Electrical > Navigation System > Trouble Codes

RESULT	PROCEED TO
No DTCs are output	A
DTCs are output	B

B ▶ GO TO DIAGNOSTIC TROUBLE CODE CHART

A
▼

7.	CHECK FOR VEHICLE CONTROL HISTORY*
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HINT:

Refer to Vehicle Control History.

Click here [INFO](#)

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

Chassis > Rear Camera > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

RESULT	PROCEED TO
No vehicle control history is output	A
Vehicle control history is output	B

B  **GO TO VEHICLE CONTROL HISTORY**

A



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

Click here 

RESULT	PROCEED TO
Fault is not listed in Problem Symptoms Table	A
Fault is listed in Problem Symptoms Table	B

B  **GO TO STEP 10**

A



9.	OVERALL ANALYSIS AND TROUBLESHOOTING*
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(a) Diagnosis System

Click here 

(b) Terminals of ECU

Click here 

(c) Data List / Active Test

Click here 

NEXT



10.	ADJUST, REPAIR OR REPLACE
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NEXT



11.	CONFIRMATION TEST
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NEXT  **END**

