Last Modified: 12-04-2024	6.11:8.1.0	**Doc ID:** RM100000002AKZM
Model Year Start: 2023	**Model:** Prius Prime	**Prod Date Range:** [03/2023 -]
Title: ADVANCED DRIVER ASSISTANCE SYSTEM: DRIVER MONITOR CAMERA 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 driver monitor camera system.
- *: Use the GTS.

PROCEDURE

1.	**VEHICLE BROUGHT TO WORKSHOP**

NEXT

2.	**CUSTOMER PROBLEM ANALYSIS**

HINT:

- In troubleshooting, confirm that the problem symptoms have been accurately identified. Preconceptions should be discarded in order to make an accurate judgment. To clearly understand what the problem symptoms are, it is extremely important to ask the customer about the problem and the conditions at the time the malfunction occurred.
- Gather as much information as possible for reference. Past problems that seem unrelated may also help in some cases.
- The following 5 items are important points for problem analysis:

What	Vehicle model, system name
When	Date, time, occurrence frequency
Where	Road conditions
Under what conditions?	Driving conditions, weather conditions
How did it happen?	Problem symptoms

NEXT

3.	**PRE-CHECK**

(a) Measure the auxiliary battery voltage with the ignition switch off.

Standard voltage:
11 to 14 V

HINT:

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 DTC***

(a) Check for DTCs and note any codes that are output.

Chassis > Driver Monitor Camera Control > Trouble Codes

(b) Clear the DTCs.

Chassis > Driver Monitor Camera Control > Clear DTCs

(c) Recheck for DTCs. Try to reproduce the DTCs by duplicating the conditions indicated by the DTCs.

Chassis > Driver Monitor Camera Control > Trouble Codes

RESULT	PROCEED TO
DTCs are not output (Fault can be simulated)	A
DTCs are not output (Fault cannot be simulated)	B
DTCs are output.	C

B ▶ **USE SIMULATION METHOD TO CHECK**

C ▶ **GO TO DIAGNOSTIC TROUBLE CODE CHART**

A

6.	**CHECK FOR VEHICLE CONTROL HISTORY (RoB)***

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

Chassis > Driver Monitor Camera Control > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

(b) If the vehicle control history (RoB) is output, record it.

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

B ▶ **ADJUST, REPAIR OR REPLACE IN ACCORDANCE WITH PROBLEM SYMPTOMS TABLE**

A ▼

8.	**PERFORM TROUBLESHOOTING***

(a) Data List / Active Test

Click here INFO

(b) Refer to Terminals of ECU.

Click here INFO

NEXT ▼

9.	**ADJUST, REPAIR OR REPLACE**

NEXT ▼

10.	**CONFIRMATION TEST**

NEXT ▶ **END**