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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: PARK ASSIST / MONITORING: PARKING ASSIST MONITOR SYSTEM: PROBLEM SYMPTOMS TABLE; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

PROBLEM SYMPTOMS TABLE

NOTICE:

- The following inspection procedures for the parking assist monitor system are based on the assumption that the audio and visual system is normal. If the audio and visual system has any malfunction, first proceed with troubleshooting of the audio and visual system.
- Depending on the parts that are replaced or operations that are performed during vehicle inspection or maintenance, calibration of other systems as well as the parking assist monitor system may be needed.

Click here [INFO](#)

- The vehicle is equipped with a Supplemental Restraint System (SRS) which includes components such as airbags. Before servicing (including removal or installation of parts), be sure to read the precaution for Supplemental Restraint System.

Click here [INFO](#)

- After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.

Click here [INFO](#)

HINT:

When disconnecting and reconnecting the auxiliary battery, there is an automatic learning function that completes learning when the respective system is used.

Click here [INFO](#)

HINT:

- Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.

General

SYMPTOM	SUSPECTED AREA	LINK
When the shift position is in R, an image of the area behind the vehicle is not displayed (screen is not black)	Vehicle Signal Check Mode (Reverse Signal)	INFO
	Check that the back-up light illuminates normally (if not, refer to Lighting System [EXT] - Problem Symptoms Table)	INFO
	Wire harness and connector	-
	Check that the hybrid control system is operating normally	-

SYMPTOM	SUSPECTED AREA	LINK
	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO
When the shift position is in R, an image of the area behind the vehicle is not displayed (screen is black)	Proceed to "Image from Camera for Parking Assist Monitor is Abnormal"	INFO
When the shift position is not in R, an image of the area behind the vehicle is displayed	Vehicle Signal Check Mode (Reverse Signal)	INFO
	Check that the back-up light illuminates normally (if not, refer to Lighting System [EXT] - Problem Symptoms Table)	INFO
	Wire harness and connector	-
	Check that the hybrid control system is operating normally	-
	Radio and display receiver assembly	INFO
When the shift position is in R, an image of the area behind the vehicle is displayed and then switches to another image	Vehicle Signal Check Mode (Reverse Signal)	INFO
	Check that the back-up light illuminates normally (if not, refer to Lighting System [EXT] - Problem Symptoms Table)	INFO
	Wire harness and connector	-
	Rear television camera assembly	INFO

Display Malfunction

SYMPTOM	SUSPECTED AREA	LINK
Parking assist monitor display malfunction (distortion of the color/screen) occurs continuously	Proceed to "Image from Camera for Parking Assist Monitor is Abnormal"	INFO

SYMPTOM	SUSPECTED AREA	LINK
Parking assist monitor display malfunction (distortion of the color/screen) occurs temporarily	Check the usage conditions (explain to the customer that 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)	-

Parking Assist Monitor System Malfunction

SYMPTOM	SUSPECTED AREA	LINK
Estimated course lines are not displayed	Parking assist monitor screen display mode settings (check that estimated course line display mode is selected)	-
	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO
	Steering sensor	INFO
The vehicle width guide lines and estimated course lines do not match when the steering wheel is turned to the center position	Check that the rear television camera assembly is correctly installed	INFO
	Rear television camera assembly	INFO
	Steering sensor	INFO
The guide lines are not displayed even though the back door is closed	Check that the No. 1 luggage compartment light assembly illuminates normally (if not, refer to Lighting System [INT] - Problem Symptoms Table)	INFO
	Rear television camera assembly	INFO
The guide lines remain displayed even though the back door is open	Check that the No. 1 luggage compartment light assembly illuminates normally (if not, refer to Lighting System [INT] - Problem Symptoms Table)	INFO
	Rear television camera assembly	INFO
Guide lines and buttons are not displayed for all parking assist monitor screen display modes.	Proceed to "Luggage Compartment Room Light" in Lighting System (INT)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Back camera position setting (calibration)	INFO
	Rear television camera assembly	INFO
The guide lines and buttons remain displayed even though the back door is open.	Proceed to "Luggage Compartment Room Light" in Lighting System (INT)	INFO
	Rear television camera assembly	INFO
When adjusting the camera optical axis, "You can not calibrate the camera when the door is open. Please close the door." is displayed even after the back door has been closed	Check that the No. 1 luggage compartment light assembly illuminates normally (if not, refer to Lighting System [INT] - Problem Symptoms Table)	INFO
	Rear television camera assembly	INFO
"CHK" message(s) are displayed on the signal check screen	Signal check (diagnosis system)	INFO
When an image of the area behind the vehicle is displayed, the lines are misaligned (the image from the camera is tilted)	Back camera position setting (calibration)	INFO
	Rear television camera assembly	INFO

Others

SYMPTOM	SUSPECTED AREA	LINK
A switch displayed on the parking assist monitor screen does not respond when pushed, or a switch other than the pushed switch responds.	Proceed to "CHECK TOUCH SWITCH" in Audio and visual system	INFO
	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO
A beep sound is not emitted when a switch displayed on the parking assist monitor screen is pushed.	Check the setting on the audio screen (General setting)	-
	Proceed to "CHECK TOUCH SWITCH" in Audio and visual system	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO
The language of the messages displayed on the parking assist monitor screen cannot be changed.	Check the setting on the audio screen (General setting)	-
	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO
The switches displayed on the parking assist monitor screen are grayed out.	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO
The color of the switches displayed on the parking assist monitor screen are abnormal, or the switches are not dimmed when the headlights are turned on.	Check the setting on the audio screen (Screen adjustment)	-
	Proceed to "CHECK TOUCH SWITCH" in Audio and visual system	INFO
	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO

Rear Camera Detection Function (w/ Rear Camera Detection Function)

SYMPTOM	SUSPECTED AREA	LINK
"[Rear Camera Detection icon] System Malfunction Visit Your Dealer " is displayed	Check vehicle control history	INFO
	Rear television camera assembly	INFO
"[Rear Camera Detection icon] System Stopped See Owner's Manual " is displayed	Rear television camera assembly	INFO

SYMPTOM	SUSPECTED AREA	LINK
"[Rear Camera Detection icon] Parking Assist Unavailable Low Visibility See Owner's Manual" is displayed	Check vehicle control history	INFO
	Rear television camera assembly	INFO
The indicator does not respond when the mute switch is pushed.	Audio and visual system - Touch switch self check	INFO
	Rear television camera assembly	INFO
	Radio and display receiver assembly	INFO
When there is a pedestrian in the detection area, no pedestrian is detected.	"Notes for Rear Camera Detection Function" in precaution	INFO
	Calibration	INFO
	Check that the meter / gauge system is operating normally	-
	Clearance warning ECU assembly	INFO
	Rear television camera assembly	INFO
When there is no pedestrian in the detection area, a pedestrian is detected.	"Notes for Rear Camera Detection Function" in precaution	INFO
	Calibration	INFO
	Rear television camera assembly	INFO
A pedestrian who is in the absolute no detection area is detected.	Calibration	INFO
	Rear television camera assembly	INFO
A pedestrian is only detected when they are in the absolute detection area.	Calibration	INFO
	Rear television camera assembly	INFO

