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

PROBLEM SYMPTOMS TABLE

NOTICE:

- The following inspection procedure of the panoramic view monitor system is described on the assumption that the audio and visual system is normal. If the navigation 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 panoramic view monitor system may be needed.

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.

General

SYMPTOM	SUSPECTED AREA	LINK
Screen does not switch when the panoramic view monitor main switch is pressed.	Refer to "Panoramic view Screen Description" in system description	-
	Proceed to "ECU Power Source Circuit"	INFO
	Diagnostic mode - Signal connection check (CAMERA SW check)	INFO
	Parking assist ECU	INFO
Does not switch to the panoramic view and rear view screen when the shift lever is in R.	Diagnostic mode - Signal connection check (CAN check)	INFO
	Parking assist ECU	INFO
Image not displayed on the panoramic view and rear view screen or rear view screen when the shift lever is in R.	Proceed to "Image from Camera for Panoramic view Monitor is Abnormal"	INFO
Display does not switch to the see through view screen or moving view screen when the panoramic view monitor switch is pressed.	Refer to "Panoramic view Screen Description" in system description	-

SYMPTOM	SUSPECTED AREA	LINK
	Diagnostic mode - Signal connection check (CAN check)	INFO
	Diagnostic mode - Signal connection check (CAMERA SW check)	INFO
	Parking assist ECU	INFO
Image not displayed on the see through view screen or moving view screen when the panoramic view monitor switch is pressed.	Proceed to "Image from Camera for Panoramic view Monitor is Abnormal"	INFO
Display does not switch to the panoramic view and wide front view screen or side clearance view screen when the panoramic view monitor main switch is pressed.	Proceed to Description "Panoramic view Monitor Screen Display Conditions"	INFO
	Diagnostic mode - Signal connection check (CAN check)	INFO
	Diagnostic mode - Signal connection check (CAMERA SW check)	INFO
	Parking assist ECU	INFO
Image not displayed on the panoramic view and wide front view screen or side clearance view screen when the panoramic view monitor main switch is pressed.	Proceed to "Image from Camera for Panoramic view Monitor is Abnormal"	INFO
Display does not switch to the retracted screen when the outer mirrors are retracted.	Diagnostic mode - Signal connection check (CAN check)	INFO
	Parking assist ECU	INFO
Display does not switch from the retracted screen when the outer mirrors are not in the retracted position.	Diagnostic mode - Signal connection check (CAN check)	INFO
	Parking assist ECU	INFO

Display Malfunction

SYMPTOM	SUSPECTED AREA	LINK
Objects not displayed correctly on the panoramic view monitor screen (color, distorted image).	Proceed to "Image from Camera for Panoramic view Monitor is Abnormal"	INFO
Distorted display on panoramic view screen.	Camera view adjustment (calibration)	INFO
	Parking assist ECU	INFO
Parking lines do not match at front and rear on panoramic view screen.	Camera view adjustment (calibration)	INFO
	Parking assist ECU	INFO
Partial black screen on panoramic view screen.	Camera view adjustment (calibration)	INFO
	Proceed to "Image from Camera for Panoramic view Monitor is Abnormal"	INFO
	Parking assist ECU	INFO
Area displayed differs from the actual area.	Ensure no door is opened	-
	Camera view adjustment (calibration)	INFO
	Parking assist ECU	INFO

Switch Function

SYMPTOM	SUSPECTED AREA	LINK
Panoramic view monitor main switch (integration control and panel assembly) night illumination does not illuminate.	Inspect panoramic view monitor main switch	INFO
	Wire harness and connector	-
Touch switch operation is not accepted.	Audio and visual system - Touch switch self check	INFO
	Parking assist ECU	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Radio and display receiver assembly	INFO

Panoramic view Monitor System Function

SYMPTOM	SUSPECTED AREA	LINK
When the vehicle speed increases in the automatic display mode, the panoramic view and wide front view screen or side clearance view screen remains displayed, without switching to the navigation screen.	Replace parking assist ECU	INFO
The screen display timer function does not operate if the manual display mode is selected.	Refer to "Panoramic view Screen Description" in system description	-
	Parking assist ECU	INFO
The estimated course lines do not match the vehicle width extension lines when the steering wheel points straight ahead.	Check the steering wheel installation angle	INFO
	Camera view adjustment (calibration)	INFO
	Parking assist ECU	INFO
Estimated course lines are not displayed.	Check the panoramic view monitor screen display mode settings (Check if the estimated course lines display is set to off)	INFO
	Parking assist ECU	INFO
Guide lines and buttons are not displayed on the panoramic view and rear view screen display screen.	Check if the back door is not open	-
	Check if the luggage light turns on and off normally (If not, refer to Lighting System (INT) - Problem Symptoms Table)	INFO
	Parking assist ECU	INFO
"CHK" is displayed for an item on the vehicle Signal Check screen.	Diagnostic mode - Signal connection check	INFO

SYMPTOM	SUSPECTED AREA	LINK
Blind spots in image.	Ensure no door is opened	-
	Camera view adjustment (calibration)	INFO
Camera boundary lines are poorly connected.	Camera view adjustment (calibration)	INFO
Estimated course lines are displaced.	Camera view adjustment (calibration)	INFO
All buttons on the panoramic view monitor are continuously grayed out	Audio and Visual System	-
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 if the luggage light turns on and off normally (If not, refer to Lighting System (INT) - Problem Symptoms Table)	INFO
	Parking assist ECU	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
	Parking assist ECU	INFO
"[Rear Camera Detection icon] System Stopped See Owner's Manual" is displayed	Rear television camera assembly	INFO
	Parking assist ECU	INFO
"[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
	Parking assist ECU	INFO
The indicator does not respond when the mute switch is pushed.	Audio and visual system - Touch switch self check	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Parking assist ECU	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
	Rear television camera assembly	INFO
	Parking assist ECU	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
	Parking assist ECU	INFO
A pedestrian who is in the absolute no detection area is detected.	Calibration	INFO
	Rear television camera assembly	INFO
	Parking assist ECU	INFO
A pedestrian is only detected when they are in the absolute detection area.	Calibration	INFO
	Rear television camera assembly	INFO
	Parking assist ECU	INFO

