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

PROBLEM SYMPTOMS TABLE

General

SYMPTOM	SUSPECTED AREA	LINK
The radio and display receiver assembly screen does not switch to the parking mode setting screen even when the IPA main switch assembly is pressed	Proceed to "Main Switch Circuit"	INFO
	Proceed to "Clearance Warning ECU Power Source Circuit"	INFO
	Proceed to "Image from Camera for Panoramic View Monitor is Abnormal"	INFO
	Radio and display receiver assembly	INFO
	Clearance warning ECU assembly	INFO

Abnormal Image

SYMPTOM	SUSPECTED AREA	LINK
Advanced park abnormal image (color, distorted image) occurs regularly	Proceed to "Image from Camera for Panoramic View Monitor is Abnormal"	INFO
Advanced park abnormal image (color, distorted image) occurs temporarily	Check operation conditions (Explain to the customer that temporary image distortion can be caused by a nearby source of electrical waves, such as being under a radio tower, next to a wireless truck, or near an airport)	-
Advanced park abnormal image (color, distorted image) occurs temporarily at night	Proceed to "Image from Camera for Panoramic View Monitor is Abnormal"	INFO

Advanced Park Function Malfunction

SYMPTOM	SUSPECTED AREA	LINK
Advanced park system does not operate continuously	Clearance warning ECU assembly	INFO

SYMPTOM	SUSPECTED AREA	LINK
Advanced park does not operate at night	Proceed to "Image from Camera for Panoramic View Monitor is Abnormal"	INFO
The estimated course lines do not match the vehicle width extension lines when the steering wheel points straight ahead	Check steering wheel installation angle	INFO
	Check rear television camera assembly installation condition	INFO
	Adjust screen	INFO
	Parking assist ECU	INFO
The estimated course lines stop moving before the steering wheel is turned fully left or right	Check that the panoramic view monitor system is operating normally	-
Displays "Advanced park malfunction visit your dealer" on the multi-information display	Check vehicle control history(ROB)	INFO
	Parking assist ECU	INFO
	Clearance warning ECU assembly	INFO
"Advanced park cannot be used currently" is displayed on the radio and display receiver assembly	Check vehicle control history(ROB)	INFO
	Parking assist ECU	INFO
	Clearance warning ECU assembly	INFO
"Remove the dirt" is displayed on the radio and display receiver assembly	System determines that images cannot be detected due to dirt on the camera. If dirt is removed, normal control returns	-
	Check vehicle control history(ROB)	INFO
	Television camera assembly at the position displayed on the radio and display receiver assembly	-
	Parking assist ECU	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Clearance warning ECU assembly	INFO
Estimated course lines are not displayed.	Check advanced park screen (check whether the parking guide lines have been hidden)	-
	Steering sensor	INFO
	Parking assist ECU	INFO
Assist operation frequently stops and the message "Not available in this environment" is displayed	Check tires (tire size, tire pressure, tire wear)	-
	Check surrounding conditions (no obstacles in front, short path where control is not possible, steps that cannot be driven over)	-
	Check the setting of the "Road Width Adjustment" on the radio and display receiver assembly settings screen	INFO
	Clearance warning ECU assembly	INFO
No guidance to the set target parking position	Check the setting of the "Parking Path Adjustment" on the radio and display receiver assembly settings screen	INFO
	Proceed to "Vehicle does not Move to Set Parking Position"	INFO
When setting the target parking position, the initial display position of the target parking lines deviates greatly from the actual parking space (in parallel parking mode)	Refer to the owner's manual, and after checking the operation conditions, perform the operation again	-
	Proceed to "Precaution for Ultrasonic Sensor (Parking Space Detection Sensor)"	INFO
	Ultrasonic sensor on target parking position side	-
	Front bumper assembly	INFO
	Rear bumper assembly	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Parking assist ECU	INFO

Switch Malfunction

SYMPTOM	SUSPECTED AREA	LINK
IPA main switch assembly illumination does not turn on	IPA main switch assembly	INFO
	Harness or connector	-
Touch switch operation is not accepted	Audio and visual system - Check Touch Switch	INFO
	Radio and display receiver assembly	INFO
	Parking assist ECU	INFO

Buzzer Malfunction

SYMPTOM	SUSPECTED AREA	LINK
Advanced park buzzer does not sound or volume is too low	Parking assist ECU	INFO
	Clearance warning ECU assembly	INFO
	Radio and display receiver assembly	INFO
	Check that the meter / gauge system is operating normally	-

