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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: PARK ASSIST / MONITORING: PARKING SUPPORT BRAKE SYSTEM: PROBLEM SYMPTOMS TABLE; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

PROBLEM SYMPTOMS TABLE

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
System does not operate at all	Check that the intuitive parking assist system is operating normally	-
	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Check that the meter/gauge system is operating normally	-
	Check that the blind spot monitor system is operating normally*3	-
	Check that the parking assist monitor system is operating normally*2	-
	Check that the panoramic view monitor system is operating normally*1	-
	Clearance warning ECU assembly	INFO
	Rear Television Camera Assembly*2	INFO
Parking assist ECU*1	INFO	

Sonar Function

SYMPTOM	SUSPECTED AREA	LINK
Detection function operates when the operating conditions are not met	Check that the hybrid control system is operating normally	-

SYMPTOM	SUSPECTED AREA	LINK
	Check that the blind spot monitor system is operating normally*3	-
	Check that the parking assist monitor system is operating normally*2	-
	Check that the panoramic view monitor system is operating normally*1	-
	No. 2 skid control ECU (brake actuator assembly)	INFO
	Clearance warning ECU assembly	INFO
	Rear Television Camera Assembly*2	INFO
	Parking assist ECU*1	INFO
Detection function operates when vehicle is not within the required speed range (speedometer not malfunctioning)	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Clearance warning ECU assembly	INFO

Buzzer Function

SYMPTOM	SUSPECTED AREA	LINK
Parking support brake system is normal but buzzer operation is intermittent	Check that the temporary mute function is not operating	-
	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Check that the meter/gauge system is operating normally	-

SYMPTOM	SUSPECTED AREA	LINK
	Check that the blind spot monitor system is operating normally*3	-
	Clearance warning ECU assembly	INFO
	Combination meter assembly	INFO

Display Function

SYMPTOM	SUSPECTED AREA	LINK
While the parking support brake system is operating, no parking support brake notifications are displayed on the multi-information display.	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Check that the meter/gauge system is operating normally	-
	Clearance warning ECU assembly	INFO
	Combination meter assembly	INFO
While the parking support brake system is operating, no parking support brake notifications are displayed on the multi-display.	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Check that the audio and visual system is operating normally	-
	Clearance warning ECU assembly	INFO
	Rear Television Camera Assembly*2	INFO
	Parking assist ECU*1	INFO
	Radio and display receiver assembly	INFO

SYMPTOM	SUSPECTED AREA	LINK
"[Parking Support Brake System icon] System Malfunction Visit Your Dealer" is displayed	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Check that the intuitive parking assist system is operating normally	-
	Vehicle control history (Rob)	INFO
	Combination meter assembly	INFO
	Clearance warning ECU assembly	INFO
"[Parking Support Brake System icon] System Stopped See Owner's Manual" is displayed	Check that a door is not open or a mirror is not retracted.*4	-
	Check if the back door is open*4	-
	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Check that the intuitive parking assist system is operating normally	-
	Check that the blind spot monitor system is operating normally*3	-
	Check that the parking assist monitor system is operating normally*2	-
	Check that the panoramic view monitor system is operating normally*1	-
	Vehicle control history (Rob)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Combination meter assembly	INFO
	Clearance warning ECU assembly	INFO
	Rear Television Camera Assembly*2	INFO
	Parking assist ECU*1	INFO
"[Parking Support Brake System icon] Parking Assist Unavailable Low Visibility See Owner's Manual" is displayed*5	Check that the panoramic view monitor system is operating normally*1	-
	Check that the parking assist monitor system is operating normally*2	-
	Remove dirt from rear camera	-
	Rear Television Camera Assembly*2	INFO
	Parking assist ECU*1	INFO
"[Parking Support Brake System icon] Parking Assist Unavailable Sensor Blocked" is displayed	Check that no foreign matter is attached to the ultrasonic sensors.	-
	Check that the CAN communication system is operating normally*6	INFO
	Check that the CAN communication system is operating normally*7	INFO
	Check that the intuitive parking assist system is operating normally	-
	Combination meter assembly	INFO
	Clearance warning ECU assembly	INFO
Parking support brake system does not operate when there is a possibility of a collision (Warning message "[Parking Support Brake System icon] System Malfunction Visit Your Dealer" not displayed)	Check the installation of the ultrasonic sensors (front)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Check the installation of the ultrasonic sensors (rear)	INFO
	Adjust the installation of the ultrasonic sensors as necessary.	INFO
	Ultrasonic sensors (front)	INFO
	Ultrasonic sensors (rear)	INFO
Parking support brake system control operates when there is no possibility of a collision	Clearance warning ECU assembly	INFO
	Check the installation of the ultrasonic sensors (front)	INFO
	Check the installation of the ultrasonic sensors (rear)	INFO
	Adjust the installation of the ultrasonic sensors as necessary.	INFO
	Ultrasonic sensors (front)	INFO
	Ultrasonic sensors (rear)	INFO
	Clearance warning ECU assembly	INFO
Parking support brake system control cannot be turned off (Driving assist information indicator does not illuminate)	Combination meter assembly (LED): Perform Active Test (Indicat. Driving assist information indicator)	INFO
	Combination meter assembly	INFO
	Clearance warning ECU assembly	INFO
Driving assist information indicator illuminates	Check that no foreign matter is attached to the ultrasonic sensors.	-

*1: w/ Panoramic View Monitor System

*2: w/ Parking Assist Monitor System

*3: w/ Rear Cross Traffic Alert System

*4: w/ Advanced Park

*5: w/ Rear Camera Detection Function

*6: for HEV Model

*7: for PHEV Model

