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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: PARK ASSIST / MONITORING: BLIND SPOT MONITOR 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.

Entire System

SYMPTOM	SUSPECTED AREA	LINK
System does not operate at all	Check that the CAN communication system is operating normally*4	INFO
	Check that the CAN communication system is operating normally*5	INFO
	Check that the Meter/gauge system is operating normally	-
	Proceed to "Power Source Circuit"	INFO
	Steering pad switch assembly	INFO
	Spiral cable sub-assembly	INFO
	Blind spot monitor sensor (B)	INFO
System cannot be turned off	Check that the CAN communication system is operating normally*4	INFO
	Check that the CAN communication system is operating normally*5	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Check that the Meter/gauge system is operating normally	-
	Steering pad switch assembly	INFO
	Spiral cable sub-assembly	INFO
	Blind spot monitor sensor (B)	INFO
"[Blind Spot Monitor System icon] System Malfunction Visit Your Dealer" or "[Blind Spot Monitor System icon] System Stopped See Owner's Manual" is displayed on the multi-information display	Check vehicle control history	INFO
	Blind spot monitor sensor (A)	INFO
	Blind spot monitor sensor (B)	INFO
	Combination meter assembly	INFO
"[Rear Cross Traffic Alert Buzzer System icon] System Malfunction Visit Your Dealer" or "[Rear Cross Traffic Alert Buzzer System icon] System Stopped See Owner's Manual" is displayed on the multi-information display	Check vehicle control history	INFO
	Blind spot monitor sensor (A)	INFO
	Blind spot monitor sensor (B)	INFO
	Combination meter assembly	INFO
"[Safe Exit Assist System icon] System Malfunction Visit Your Dealer" or "[Safe Exit Assist System icon] System Stopped See Owner's Manual" is displayed on the multi-information display	Check vehicle control history	INFO
	Blind spot monitor sensor (A)	INFO
	Blind spot monitor sensor (B)	INFO
	Combination meter assembly	INFO

Blind Spot Monitor Function

SYMPTOM	SUSPECTED AREA	LINK
Outer rear view mirror indicator RH does not illuminate	Proceed to "Blind Spot Monitor Beam Axis Confirmation"	Driving Adjustment: INFO Target Adjustment (Triangle Target): INFO ECU data Save / Write: INFO
	Outer mirror RH	INFO
	Blind spot monitor sensor (A)	INFO
Outer rear view mirror indicator LH does not illuminate	Proceed to "Blind Spot Monitor Beam Axis Confirmation"	Driving Adjustment: INFO Target Adjustment (Triangle Target): INFO ECU data Save / Write: INFO
	Outer mirror LH	INFO
	Blind spot monitor sensor (B)	INFO
Outer rear view mirror indicator RH remains illuminated	Proceed to "Blind Spot Monitor Beam Axis Confirmation"	Driving Adjustment: INFO Target Adjustment (Triangle Target): INFO ECU data Save / Write: INFO
	Blind spot monitor sensor (A)	INFO
Outer rear view mirror indicator LH remains illuminated	Proceed to "Blind Spot Monitor Beam Axis Confirmation"	Driving Adjustment: INFO Target Adjustment (Triangle Target): INFO ECU data Save / Write: INFO
	Blind spot monitor sensor (B)	INFO
Outer rear view mirror indicator RH does not flash	Proceed to "Turn Signal Light" in Problem Symptoms Table for the Lighting (EXT)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	section	
	Blind spot monitor sensor (A)	INFO
Outer rear view mirror indicator LH does not flash	Proceed to "Turn Signal Light" in Problem Symptoms Table for the Lighting (EXT) section	INFO
	Blind spot monitor sensor (B)	INFO
Outer rear view mirror indicator RH continues to flash	Blind spot monitor sensor (A)	INFO
Outer rear view mirror indicator LH continues to flash	Blind spot monitor sensor (B)	INFO
While BSM function is active, outer rear view mirror indicator flashes but BSM buzzer does not sound	Make sure the Alert options is set to "Indicator + Buzzer"	-
	Check meter buzzer operation (Buzzer Operation (1.6kHz, Vol S, W/O Damping))	INFO
	Check that the CAN communication system is operating normally*4	INFO
	Check that the CAN communication system is operating normally*5	INFO
	Check that the meter / gauge system is operating normally	-
	Blind spot monitor sensor (B)	INFO
	Blind spot monitor sensor (A)	INFO

RCTA Function

SYMPTOM	SUSPECTED AREA	LINK
Function does not operate at all (Blind spot monitor function operates normally)	Data list / active test (Shift Position R)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Check that the Hybrid control system is operating normally	-
	Blind spot monitor sensor (A)	INFO
While RCTA function is active, outer rear view mirror indicator flashes but RCTA buzzer does not sound	Check that the CAN communication system is operating normally*4	INFO
	Check that the CAN communication system is operating normally*5	INFO
	Check that the Intuitive parking assist-sensor system is operating normally*3	-
	Check that the meter / gauge system is operating normally	-
	Blind spot monitor sensor (B)	INFO
When shift lever is in R, detection operation is normal but RCTA indicator does not appear on multi-display	Check that the CAN communication system is operating normally*4	INFO
	Check that the CAN communication system is operating normally*5	INFO
	Check that the panoramic view monitor system is operating normally*1	-
	Check that the parking assist monitor system is operating normally*2	-
	Check that the Audio and visual system is operating normally	-
	Parking Assist ECU*1	INFO
	Rear television camera assembly*2	INFO
	Blind spot monitor sensor (A)	INFO

SYMPTOM	SUSPECTED AREA	LINK
	Blind spot monitor sensor (B)	INFO
	Radio and display receiver assembly	INFO

SEA (Safe Exit Assist) Function

SYMPTOM	SUSPECTED AREA	LINK
Safe exit assist system does not operate	Check that the meter / gauge system is operating normally	-
When the safe exit assist system is operating, the outer rear view mirror indicator illuminates and a notification is displayed on the multi-information display, but the buzzer does not sound	Check meter buzzer operation (Buzzer Operation (1.6kHz, Vol S, W/O Damping))	INFO
	Blind spot monitor sensor (A)	INFO
	Blind spot monitor sensor (B)	INFO
Even though the outer rear view mirror indicator is illuminated when the vehicle is stopped, the outer rear view mirror indicator does not flash, a notification is not displayed on the multi-display and the buzzer does not sound when a door is opened	Check that the door courtesy switch of each door is not stuck	INFO
	Blind spot monitor sensor (A)	INFO
	Blind spot monitor sensor (B)	INFO
Even though the vehicle is stopped and all doors are closed, the outer rear view mirror indicator flashes, a notification is displayed on the multi-display and the buzzer sounds	Check that the door courtesy switch of each door is not stuck	INFO
	Blind spot monitor sensor (A)	INFO
	Blind spot monitor sensor (B)	INFO

*1: w/ Panoramic View Monitor System

*2: w/ Parking Assist Monitor System

*3: w/ Intuitive Parking Assist-Sensor System

*4: for HEV Model

*5: for PHEV Model

