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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT SIDE RADAR SENSOR SYSTEM: VEHICLE CONTROL HISTORY (RoB); 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## VEHICLE CONTROL HISTORY (RoB)

### NOTICE:

- Vehicle control history may be recorded due to the replacement or repair of related parts.
- When checking the Vehicle Control History, make sure to record the output codes. Then, clear the Vehicle Control History (RoB) and check it again.

### CHECK VEHICLE CONTROL HISTORY (FRONT SIDE RADAR SENSOR SYSTEM)

(a) Read the Vehicle Control History (RoB) according to the display on the GTS.

#### Body Electrical > Front Side Radar "A" > Utility


TESTER DISPLAY
Vehicle Control History (RoB)

#### Body Electrical > Front Side Radar "B" > Utility


TESTER DISPLAY
Vehicle Control History (RoB)

### Vehicle Control History (RoB) (Front Side Radar "A")

CODE	TESTER DISPLAY	DESCRIPTION	DIAGNOSTIC NOTE
X2000	Yaw Rate Sensor Malfunction	History of yaw rate sensor malfunction signal output from the yaw rate sensor being received	Refer to Electronically Controlled Brake System. <a href="#">INFO</a>
X2001	Steering Angle Sensor Malfunction	History of steering sensor malfunction signal output from the No. 2 skid control ECU (brake actuator assembly) being received	Refer to Electronically Controlled Brake System. <a href="#">INFO</a>
X2004	Speed Sensor Malfunction	History of vehicle speed sensor malfunction signal output from the No. 2 skid control ECU (brake actuator assembly) being received	Refer to Electronically Controlled Brake System. <a href="#">INFO</a>
X208E	Power Steering Control Module "A" Malfunction	Power steering system malfunction judgment result is output	Refer to Power Steering System. <a href="#">INFO</a>
X217C	Front Side Radar Sensor (Module "A") Outside Guaranteed Operating Temperature	Front side radar sensor (A) ambient temperature was outside of guaranteed operating range	-
X217D	Front Side Radar Sensor (Module "A") Outside	Front side radar sensor (A) voltage was outside of guaranteed operating range	-

CODE	TESTER DISPLAY	DESCRIPTION	DIAGNOSTIC NOTE
	Guaranteed Operating Voltage		
X217E	Front Side Radar Sensor (Module "A") Blockage	Detection range decreased due to dirty bumper surface	Clean away any stickers or foreign matter (dirt, debris, snow, etc.)
X217F	Front Side Radar Sensor (Module "A") Blockage Level 2	Detection range decreased due to dirty bumper surface	Clean away any stickers or foreign matter (dirt, debris, snow, etc.)
XF021	Software Not Programmed	Partial software is not written	

### Vehicle Control History (RoB) (Front Side Radar "B")

CODE	TESTER DISPLAY	DESCRIPTION	DIAGNOSTIC NOTE
X2180	Front Side Radar Sensor (Module "B") Outside Guaranteed Operating Temperature	Front side radar sensor (B) ambient temperature was outside of guaranteed operating range	-
X2181	Front Side Radar Sensor (Module "B") Outside Guaranteed Operating Voltage	Front side radar sensor (B) voltage was outside of guaranteed operating range	-
X2182	Front Side Radar Sensor (Module "B") Blockage	Detection range decreased due to dirty bumper surface	Clean away any stickers or foreign matter (dirt, debris, snow, etc.)
X2183	Front Side Radar Sensor (Module "B") Blockage Level 2	Detection range decreased due to dirty bumper surface	Clean away any stickers or foreign matter (dirt, debris, snow, etc.)
XF021	Software Not Programmed	Partial software is not written	

### CLEAR VEHICLE CONTROL HISTORY (FRONT SIDE RADAR SENSOR SYSTEM)

#### NOTICE:

By performing this procedure, all stored Vehicle Control History will be cleared.

(a) According to the display on the GTS, clear the Vehicle Control History (RoB).

#### Body Electrical > Front Side Radar "A" > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

#### Body Electrical > Front Side Radar "B" > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

### CHECK VEHICLE CONTROL HISTORY (AIRBAG SYSTEM)

(a) Part of the control history can be confirmed using the Vehicle Control History.

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