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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> PARK ASSIST / MONITORING: PARKING ASSIST MONITOR SYSTEM: VEHICLE CONTROL HISTORY (RoB); 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## VEHICLE CONTROL HISTORY (RoB)

**NOTICE:**

When checking the vehicle control history, first store the output history and then check the history.

**HINT:**

Depending on the specifications of the vehicle, some items may not be displayed.



**CHECK VEHICLE CONTROL HISTORY**

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

**Chassis > Rear Camera > Utility**

TESTER DISPLAY
Vehicle Control History (RoB)



**Vehicle Control History Item**

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY DATA
X2001	Steering Angle Sensor Malfunction	Outputs the malfunction judgment result for the steering angle sensor		The following data items are stored <ul style="list-style-type: none"> <li>• Total Distance Traveled</li> <li>• Total Distance Traveled - Unit</li> <li>• Steering Angle Sensor Internal Malfunction</li> <li>• VGRS System Invalid</li> <li>• VGRS Failure</li> <li>• EPS Fail</li> <li>• EPS Invalid</li> <li>• Target Steering Angle Value (EPS)</li> <li>• Steering Angle Actual Value (DRS)</li> <li>• DRS Fail</li> </ul>
X2003	Brake Control System Malfunction	Outputs the malfunction judgment result for the		The following data items are stored

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY DATA
		electronically controlled brake system		<ul style="list-style-type: none"> <li>• Total Distance Traveled</li> <li>• Total Distance Traveled - Unit</li> <li>• Vehicle Speed Signal (SP1) Invalid</li> <li>• Wheel Speed Sensor Backward Judgement Malfunction</li> <li>• FR Wheel Rotatory Direction Invalid</li> <li>• FL Wheel Rotatory Direction Invalid</li> <li>• RR Wheel Rotatory Direction Invalid</li> <li>• RL Wheel Rotatory Direction Invalid</li> <li>• Wheel Speed Sensor Backward Judgement Function Availability</li> <li>• FR Wheel Speed Sensor Invalid</li> <li>• FL Wheel Speed Sensor Invalid</li> <li>• RR Wheel Speed Sensor Invalid</li> <li>• RL Wheel Speed Sensor Invalid</li> </ul>

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY DATA
X20BE	Rear Camera Detection Unavailable (Dirty)	The rear camera detection function is temporarily not able to operate due to the rear camera being temporarily dirty, malfunctioning, etc.	Remove dirt from the rear camera.	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>• Total Distance Traveled</li> <li>• Total Distance Traveled - Unit</li> <li>• Camera Washer Function Operation Times</li> <li>• Dirty Detection Times</li> </ul>
X2130	PKSB Operation History (Rear Camera)	Operation history for the parking support brake (rear camera)	-	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>• Total Distance Traveled</li> <li>• Total Distance Traveled - Unit</li> <li>• Steering Angle</li> <li>• Vehicle Height Control Sensor Value (Rear)</li> <li>• Vehicle Height Control Sensor Value (FR wheel)</li> <li>• Vehicle Height Control Sensor Value (FL wheel)</li> <li>• Vehicle Height Control Sensor Value (RR wheel)</li> <li>• Vehicle Height Control Sensor Value (RL wheel)</li> </ul>
X2132	Rear Camera Detection Unavailable (Other)	The rear camera detection function is temporarily not able to operate due to the rear camera being temporarily dirty, malfunctioning, etc.	Remove dirt from the rear camera.	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>• Total Distance Traveled</li> <li>• Total Distance Traveled - Unit</li> </ul>
X2133	Rear Camera Detection Unavailable (Dirty)	The rear camera detection function is temporarily not able to operate due to the rear	Remove dirt from the rear camera.	The following data items are stored

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY DATA
	(Dirt Detect Timing Information))	camera being temporarily dirty, malfunctioning, etc.		<ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> <li>Steering Angle</li> <li>Camera Washer Function Operation Times</li> <li>Dirty Detection Times</li> </ul>
X2195	Headlight Control Module Malfunction	Outputs the abnormality judgment result of the headlamp control system	INFO	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> <li>Vehicle Height Control Sensor Data Valid</li> <li>Vehicle Height Control Sensor Data Malfunction</li> </ul>
X2601	Software Inconsistency with ENG/HEV/EV Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the HEV/ENG signal judgment value received from CAN	INFO	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> </ul>
X2603	Software Inconsistency with Body Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the BDB signal judgment value received from CAN	-	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> </ul>
X261F	Software Inconsistency with Power Steering Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the EPS system signal judgment value received from CAN	INFO	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> </ul>
X263C	Rear Camera Optical Axis	Rear television camera assembly beam axis alignment	1. INFO	<p>The following data items are stored</p>

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY DATA
	Alignment Not Performed	has not been performed	2. If Rob is output again, replace the rear television camera assembly. 	<ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> </ul>
X2657	Software Inconsistency with Headlamp Control Module "A"	Output when a mismatch between the set value stored in the non-volatile memory and the headlamp control system (main) signal judgment value received from CAN is detected.		<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> </ul>
X284E	Rear Camera Wash Function Operation History	Operation history for the rear camera wash function	-	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> <li>Steering Angle</li> <li>Camera Washer Function Operation Times</li> <li>Dirty Detection Times</li> </ul>
X2856	Information of Detection High Acceleration (Rear Camera)	History of vehicle acceleration of a certain value or more being detected	-	<p>The following data items are stored</p> <ul style="list-style-type: none"> <li>Total Distance Traveled</li> <li>Total Distance Traveled - Unit</li> <li>Steering Angle</li> <li>Vehicle Height Control Sensor Value (Rear)</li> <li>Vehicle Height Control Sensor Value (FR wheel)</li> <li>Vehicle Height Control Sensor Value (FL wheel)</li> <li>Vehicle Height Control Sensor</li> </ul>

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY DATA
				Value (RR wheel) • Vehicle Height Control Sensor Value (RL wheel)

**CLEAR VEHICLE CONTROL HISTORY**

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

**NOTICE:**

When the vehicle control history is cleared, all the stored history items are cleared.

**Chassis > Rear Camera > Utility**

TESTER DISPLAY
Vehicle Control History (RoB)

**CHECK VEHICLE CONTROL HISTORY (SRS AIRBAG SYSTEM)**

**HINT:**

Some of the control history can be checked from "Vehicle Control History".

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