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

VEHICLE CONTROL HISTORY (RoB)

NOTICE:

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





VEHICLE CONTROL HISTORY (RoB)









(a) Following the instructions on the GTS, display the vehicle control history (RoB) check screen and read the codes.








Body Electrical > Clearance Warning > Utility




TESTER DISPLAY
Vehicle Control History (RoB)



Vehicle Control History (RoB) Item



CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X2001	Steering Angle Sensor Malfunction	Outputs the malfunction judgment result for the steering angle sensor		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2003	Brake Control System Malfunction	Outputs the malfunction judgment result for the electronically controlled brake system		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2038	Rear Side Radar Sensor Malfunction	Outputs the malfunction judgment result for the blind spot monitor system		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X203A	Rear Side Radar Sensor Temporary	Output when blind spot monitor sensor is temporarily		<p>The following data items are stored</p>




CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
	Unavailable	unavailable		<ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X203B	Rear Side Radar Sensor Optical Axis Not Adjusted	Output when blind spot monitor sensor has not been adjusted	Driving Adjustment:  ECU data Save / Write:  Target Adjustment (Triangle Target): 	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X204A	Acceleration Sensor Malfunction	Outputs the malfunction judgment result for the yaw rate sensor		The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2077	Ambient Temperature Sensor Circuit	Outputs the malfunction judgment result for the ambient temperature sensor	for HEV Model:  for PHEV Model: 	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2085	Electric Parking Brake Control Module Malfunction	Outputs the malfunction judgment result for the electric parking brake system		The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X20B0	Circumference Monitoring Camera Control Module Malfunction	Outputs the malfunction judgment result for the panoramic view monitor system		The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed



CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X20B1	Rear Camera Malfunction	Outputs the malfunction judgment result for the parking assist monitor system		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X20B2	Rear Camera Temporarily Unavailable	Output when rear television camera is temporarily unavailable	<p>w/o Panoramic View Monitor System:</p>  <p>w/ Panoramic View Monitor System:</p> 	<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X20C0	Ultrasonic Sensor (Front) ID Not Registered	Output when ultrasonic sensor (front) communication bus initialization is incomplete		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X20C1	Ultrasonic Sensor (Rear) ID Not Registered	Output when ultrasonic sensor (rear) communication bus initialization is incomplete		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X20C2	Ultrasonic Sensor (Front Side) ID Not Registered	Output when ultrasonic sensor (front side) communication bus initialization is incomplete		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X20C3	Ultrasonic Sensor (Rear Side) ID Not Registered	Output when ultrasonic sensor (rear side) communication bus initialization is incomplete		<p>The following data items are stored</p> <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed



CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X20C4	Ultrasonic Sensor (Front Right Center) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor front center (front center sensor RH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20C5	Ultrasonic Sensor (Front Left Center) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor front center (front center sensor LH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20C6	Ultrasonic Sensor (Front Right Corner) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor front corner (front corner sensor RH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position


CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
				<ul style="list-style-type: none"> • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20C7	Ultrasonic Sensor (Front Left Corner) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor front corner (front corner sensor LH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20C8	Ultrasonic Sensor (Rear Right Center) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor rear center (rear center sensor RH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing




CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
				<ul style="list-style-type: none"> • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20C9	Ultrasonic Sensor (Rear Left Center) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor rear center (rear center sensor LH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20CA	Ultrasonic Sensor (Rear Right Corner) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor rear corner (rear corner sensor RH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
				Continuously
X20CB	Ultrasonic Sensor (Rear Left Corner) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor rear corner (rear corner sensor LH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20CC	Ultrasonic Sensor (Front Right Side) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor front side (front side sensor RH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20CD	Ultrasonic Sensor (Front Left Side) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor front side (front side sensor LH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
				<ul style="list-style-type: none"> • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20CE	Ultrasonic Sensor (Rear Right Side) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor rear side (rear side sensor RH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20CF	Ultrasonic Sensor (Rear Left Side) Temporarily Unavailable - Environmental Factor	Output when the ultrasonic sensor rear side (rear side sensor LH) is temporarily unavailable		The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Shift position • Vehicle speed • Ultrasonic Sensor Circuit Open


CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
				<ul style="list-style-type: none"> • Ultrasonic Sensor Freeze / Dirt • Ultrasonic Sensor Foreign Material Fixing • Ultrasonic Sensor Foreign Material Fixing (Curl Up) • Ultrasonic Sensor Parameter Malfunction • Ultrasonic Sensor Flowing Water Continuously
X20D5	Communication Error from Clearance Warning Control Module to Brake Control Module	Outputs the malfunction judgment result for messages sent from the clearance warning ECU assembly to the skid control ECU		<p>The following data items are stored</p> <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed • Trip counter • Time counter/master synchronization information
X20DE	Clearance Warning ECU Low Voltage	Output when the clearance warning ECU assembly is in a state of low voltage	-	<p>The following data items are stored</p> <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed • Trip counter • Time counter/master synchronization information
X20DF	Shift Position Invalid	Output when the shift position is invalid		<p>The following data items are stored</p> <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed • Trip counter • Time counter/master synchronization information

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X2132	Unable to Detect Rear Camera (Other)	Output when detection of the rear camera is not possible	-	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X219A	Gear Shift Control Module Malfunction	Output when there is an electronic shift lever system malfunction judgment result	-	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2400	Lateral Control System Fail	Output when the lateral control system is malfunctioning	-	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2402	Powertrain System Fail	Output when the drive system is malfunctioning	-	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2500	Vehicle Security Control Module Malfunction	Output when the verification / smart system is malfunctioning	-	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2504	Recognition Camera / Radar Sensor Temporarily Unavailable	Output when the recognition camera / radar sensor is malfunctioning		The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X2507	Transmission Control Temporarily Unavailable	Output when the transmission is malfunctioning		The following data items are stored <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed
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		The following data items are stored <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed
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	-	The following data items are stored <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed
X2605	Software Inconsistency with Brake Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the brake signal judgment value received from CAN		The following data items are stored <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed
X2609	Software Inconsistency with VGRS Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the VGRS signal judgment value received from CAN	-	The following data items are stored <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed
X260B	Software Inconsistency with DRS Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the DRS signal judgment value received from CAN	-	The following data items are stored <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled • Shift position • Vehicle speed

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X260D	Software Inconsistency with Steering Angle Sensor Module	Detects a mismatch between the setting value stored in nonvolatile memory and the steeringment value received from CAN	INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2617	Memorizing Vehicle Information Not Programmed	Determines that the vehicle specification has not been written and outputs the result	INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X261D	Software Inconsistency with Four-Wheel Drive Control Module	Detects a mismatch between the four-wheel drive stored in nonvolatile memory and the judgment value calculated from the signal received from CAN	-	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X261F	Software Inconsistency with Power Steering Control Module	Detects a mismatch between the power steering control stored in nonvolatile memory and the judgment value calculated from the signal received from CAN	INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2621	Software Inconsistency with Rear Camera	Detects a mismatch between the detection camera ON/OFF status stored in nonvolatile memory and the judgment value calculated from the signal received from CAN	w/ Parking Assist Monitor System: INFO w/ Panoramic View Monitor System: INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2623	Software Inconsistency with Rear Side Rader Sensor	Output when a mismatch is indicated with the blind spot monitor sensor ON/OFF judgment results determined via overall control	INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X2629	Software Inconsistency with Gear Shift Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the gear shift signal judgment value received from CAN	INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X262B	Software Inconsistency with Image Processing Module "B"	Detects a mismatch between the setting value stored in nonvolatile memory and the camera ECU variation signal judgment value received from CAN	INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2659	Software Inconsistency with Navigation Control Module	Detects a mismatch between the setting value stored in nonvolatile memory and the navigation signal judgment value received from CAN	INFO	The following data items are stored <ul style="list-style-type: none"> Total Distance Traveled - Unit Total distance traveled Shift position Vehicle speed
X2800	PKSA (O) Operation Request	Operation history for the clearance sonar function	-	-
X2801	Ultrasonic Sensor (Side) Alarm Operation Request	Operation history for the catching warning	-	-
X2802	PKSB (O) Operation Request	Operation history for the parking support brake (stationary objects)	-	-
X2803	PKSB (V) Operation Request	Operation history for the parking support brake (rear crossing vehicle)	-	-
X2804	PKSB (P) Operation Request	Operation history for the parking support brake (rear pedestrian)	-	-
X2806	Entire Circumference PKSB Operation Request	Operation history for the entire circumference parking support brake function	-	-
X2807	Motion Object Alert Operation Request	Operation history for the motion object alert function	-	-
X2808	Motion Object Brake Operation Request	Operation history for the motion object brake function	-	-

CODE	TESTER DISPLAY	MEASUREMENT ITEM	NOTES	VEHICLE CONTROL HISTORY (ROB) DATA
X280C	Advanced Park Operation Request	Operation history for the advanced park function	-	-
X2813	Leaving Vehicle Warning during Advanced Park	Operation history for the leaving vehicle warning during advanced park	-	The following data items are stored <ul style="list-style-type: none"> • Total distance traveled • Total Distance Traveled - Unit • Accumulated Time of System Control Maintain Brake at Leaving Vehicle Warning
X2814	Ignoring Brake Instruction Warning during Advanced Park	Operation history for the ignoring brake instruction warning during advanced park	-	-
XF01B	ECU Security Key Not Registered	The ECU security key has not been registered.		The following data items are stored <ul style="list-style-type: none"> • Total Distance Traveled - Unit • Total distance traveled

DELETE VEHICLE CONTROL HISTORY (RoB)

- (a) Connect the GTS to the DLC3.
- (b) Turn the ignition switch to ON.
- (c) Enter the following menus: Body Electrical / Clearance Warning / Utility / Vehicle Control History (RoB).

Body Electrical > Clearance Warning > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

NOTICE:

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

CHECK VEHICLE CONTROL HISTORY (SRS AIRBAG SYSTEM)

HINT:

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

Click here 

