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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: POWER DISTRIBUTION: SUB BATTERY SYSTEM: VEHICLE CONTROL HISTORY (RoB); 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

VEHICLE CONTROL HISTORY (RoB)

DESCRIPTION OF ROB

- The vehicle control history (RoB) is a function that records ECU data (record data) when triggered by specific vehicle behavior.
- Checking history information and freeze frame data can be of use when performing troubleshooting, when a customer indicates that "the vehicle cannot transition to advanced drive" or "advanced drive is canceled".

PRECAUTIONS FOR USE

- Vehicle control history (RoB) is updated whenever a trigger occurs, therefore make sure to save data prior to checking symptoms.
- Vehicle control history (RoB) might also be stored when the Active Test is performed or learning values, etc. are released. In this case, clear the vehicle control history (RoB) before returning the vehicle.

CHECK VEHICLE CONTROL HISTORY (SUB BATTERY SYSTEM)

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

Body Electrical > Sub Battery System > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

Vehicle Control History Item

CODE	ITEM	TRIGGER DESCRIPTION
X0A74	Sub Battery Failure Detection	Vehicle conditions and integrated capacitor (integration control supply) status stored when the main battery malfunctioned.
X0A76	Sub Battery Overvoltage Detection	Integrated capacitor (integration control supply) status stored when overvoltage of the main battery was detected.

Stored Data

NUMBER OF TRIGGERS	RECORD DATA		NOTE
	POINT	SAMPLING PERIOD	
4 codes HINT: <ul style="list-style-type: none"> • If the detection conditions for a code that is currently stored are met again in a different trip, the code will be overwritten. • If the detection conditions for a code that is currently stored are met again in the same trip, the code will be 	1 point (no time-series data)	-	The data can be cleared by using the GTS.

NUMBER OF TRIGGERS	RECORD DATA		NOTE
	POINT	SAMPLING PERIOD	
overwritten. • If the detection conditions for a code that is not currently stored are met, the code will be stored.			

CLEAR VEHICLE CONTROL HISTORY (SUB BATTERY SYSTEM)

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

Body Electrical > Sub Battery System > Utility



(b) Press the DTC clear button.

NOTICE:

By performing this procedure, all stored Vehicle Control History (RoB) items will be cleared.

