

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BTX6
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: M20A-FXS (ENGINE CONTROL): SFI SYSTEM: VEHICLE CONTROL HISTORY (RoB); 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

VEHICLE CONTROL HISTORY (RoB)

DESCRIPTION (SFI SYSTEM)

- Vehicle Control History (RoB) is a function that captures and stores ECU data when triggered by specific vehicle behavior.
- If the customer states that the engine stalled or will not start, it may be possible to diagnose the cause of the malfunction by checking the vehicle history information and freeze frame data.
- The number of possible stored Freeze Frame Data sets, whether multi Freeze Frame Data is available, the number of freeze frame points, Freeze Frame Data items, the ECU internal range, etc., is different depending on the stored group.
- The stored data items for Vehicle Control History (RoB) Freeze Frame Data are different depending on the stored group. When the value of a data item does not change across all points, only the value of the detection point will be displayed. The contents of the Freeze Frame Data are almost the same as those of the Data List.

Click here [INFO](#)

PRECAUTIONS (SFI SYSTEM)

- As Vehicle Control History (RoB) may be overwritten whenever the trigger conditions are met, make sure to save Vehicle Control History (RoB) before performing any inspections.
- As Vehicle Control History (RoB) may be stored when performing an Active Test, learning, etc., make sure to clear the Vehicle Control History (RoB) before returning the vehicle to the customer.

CHECK VEHICLE CONTROL HISTORY (RoB) (SFI SYSTEM)

(a) Enter the following menus: Powertrain / Engine / Utility / Vehicle Control History (RoB).

Powertrain > Engine > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

HINT:

It is also possible to display Vehicle Control History (RoB) during the Health Check, if "Store All Data" is selected.

Vehicle Control History (RoB) Item

CODE	ITEM	TRIGGER DESCRIPTION	STORED GROUP	REFERENCE INSPECTION PROCEDURE	LINK
XF01B	ECU Security Key Not Registered	ECU security key not updated	-	-	INFO

CLEAR VEHICLE CONTROL HISTORY (RoB) (SFI SYSTEM)

(a) Enter the following menus: Powertrain / Engine / Utility / Vehicle Control History (RoB) (Clear).

Powertrain > Engine > Utility

TESTER DISPLAY
Vehicle Control History (RoB)

NOTICE:

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

VEHICLE CONTROL HISTORY (AIRBAG SYSTEM)**HINT:**

A part of the control history can be confirmed using the vehicle control history.

Click here [INFO](#)

VEHICLE CONTROL HISTORY (RoB) (HYBRID CONTROL SYSTEM)**HINT:**

A part of the control history can be confirmed using the Vehicle Control History (RoB).

for HEV Model: Click here [INFO](#)

for PHEV Model: Click here [INFO](#)

