

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029QX3
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: HYBRID / BATTERY CONTROL: ACCELERATOR PEDAL SENSOR: ON-VEHICLE INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

ON-VEHICLE INSPECTION

PROCEDURE

1. INSPECT ACCELERATOR PEDAL SENSOR ASSEMBLY

(a) Read the Data List.

Powertrain > Hybrid Control > Data List

TESTER DISPLAY
Accelerator Position Sensor No.1 Voltage %
Accelerator Position Sensor No.2 Voltage %

Standard Voltage:

TESTER DISPLAY	ACCELERATOR PEDAL CONDITION	SPECIFIED CONDITION
Accelerator Position Sensor No. 1 Voltage %	Not depressed	10 to 22%
	Fully depressed	52 to 90%
	Not depressed → Fully depressed → Not depressed (Accelerator pedal should be operated slowly)	Value changes progressively
Accelerator Position Sensor No. 2 Voltage %	Not depressed	24 to 40%
	Fully depressed	68 to 99%
	Not depressed → Fully depressed → Not depressed (Accelerator pedal should be operated slowly)	Value changes progressively

If the result is not as specified, check the accelerator pedal sensor assembly, wire harness and ECM.

