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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (FUEL): FUEL PRESSURE SENSOR: INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSPECTION

PROCEDURE

1. INSPECT NO. 2 FUEL PRESSURE SENSOR

(a) Check the No. 2 fuel pressure sensor output voltage.

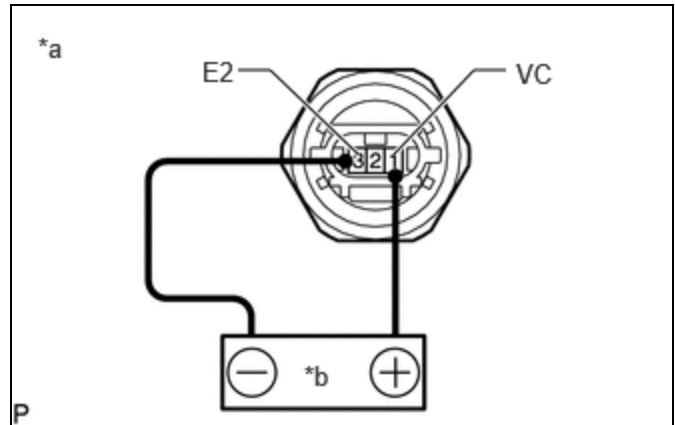
(1) Apply 5 V between terminals 1 (VC) and 3 (E2).

NOTICE:

- Be careful when connecting the leads, as the No. 2 fuel pressure sensor may be damaged if the leads are connected to the wrong terminals.
- Do not apply more than 6 V to terminals 1 (VC) or 3 (E2).

HINT:

If a stable power supply is not available, connect 4 nickel-metal hydride batteries (1.2 V each) or equivalent in series.



*a	Component without harness connected (No. 2 Fuel Pressure Sensor)
*b	Voltage Applied between Terminals

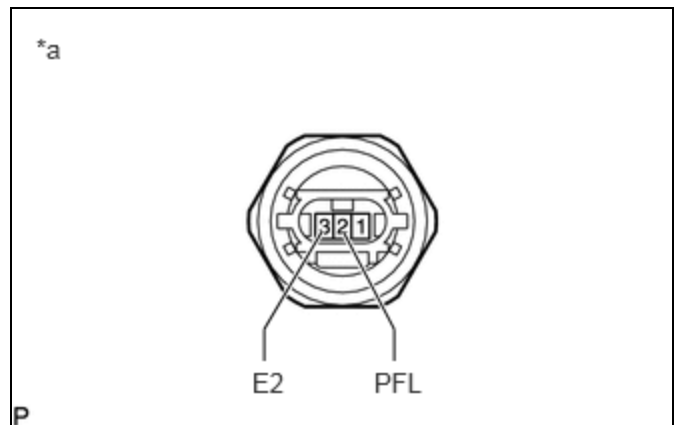
(2) Measure the voltage according to the value(s) in the table below.

Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
2 (PFL) - 3 (E2)	Pressure not applied to No. 2 fuel pressure sensor	Approximately 0.57 to 0.95 V*

*: The output voltage changes depending on the voltage applied to the terminals.

If the result is not as specified, replace the No. 2 fuel pressure sensor.



*a	Component without harness connected (No. 2 Fuel Pressure Sensor)
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