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

INSPECTION

PROCEDURE

1. INSPECT OIL PRESSURE AND TEMPERATURE SENSOR

(a) Check the oil pressure and temperature sensor output voltage.

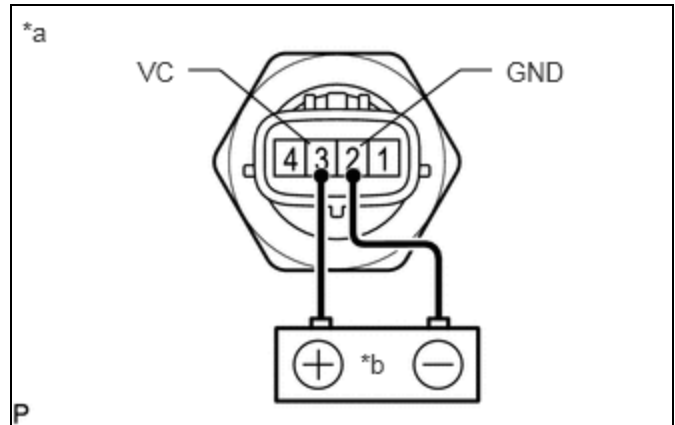
(1) Apply 5 V between terminals 3 (VC) and 2 (GND).

NOTICE:

- Be careful when connecting the leads as the oil pressure and temperature sensor may be damaged if the leads are connected to the wrong terminals.
- Do not apply more than 6 V to terminals 3 (VC) or 2 (GND).

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 (Oil Pressure and Temperature Sensor)
*b	Voltage Applied between Terminals

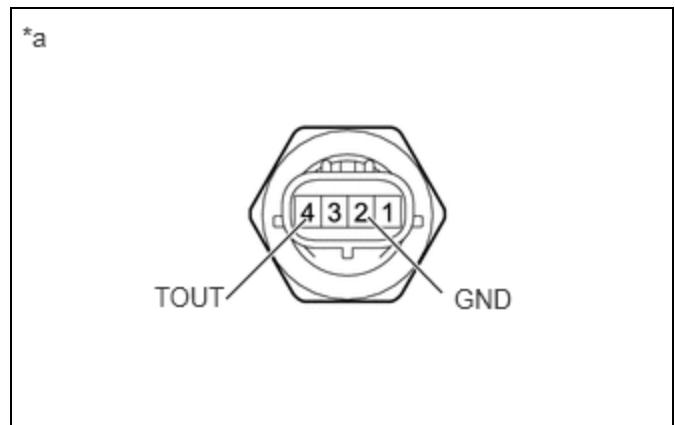
(2) Measure the voltage between terminals.

Standard Voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
4 (TOUT) - 2 (GND)	20°C (68°F)	Approximately 1.5 to 2.5 V*

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

If the result is not as specified, replace the oil pressure and temperature sensor.



*a	Component without harness connected (Oil Pressure and Temperature Sensor)
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