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

INSPECTION

PROCEDURE

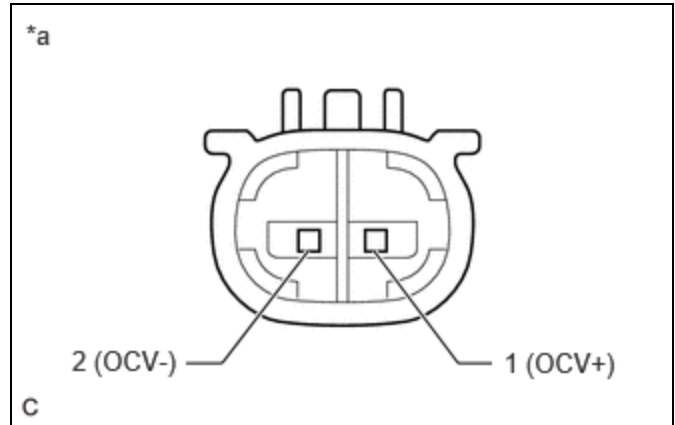
1. INSPECT OIL PRESSURE CONTROL VALVE ASSEMBLY

(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
1 (OCV+) - 2 (OCV-)	20°C (68°F)	6.2 to 8.2 Ω	Ω

If the result is not as specified, replace the oil pressure control valve assembly.



*a Component without harness connected (Oil Pressure Control Valve Assembly)

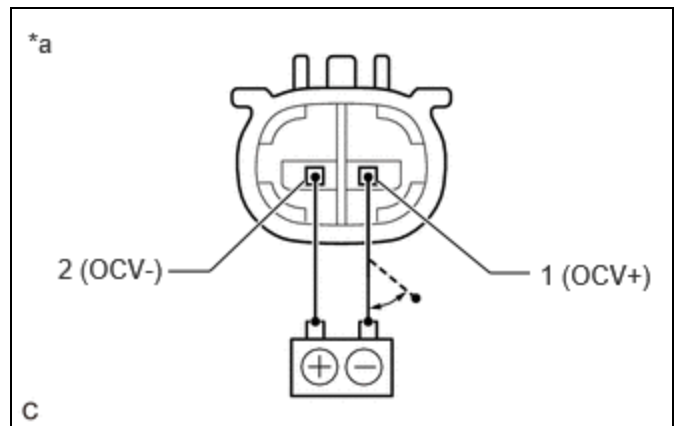
(b) Connect an auxiliary battery positive (+) lead to terminal 2 (OCV-) and a negative (-) lead to 1 (OCV+).

Check that a clicking sound is heard from the oil pressure control valve assembly.

NOTICE:

- Check that the auxiliary battery voltage is between 10 and 16 V before performing this test.
- Perform this test within 10 seconds to prevent the coil from burning out.
- Always switch the voltage on and off at the auxiliary battery side, not the oil pressure control valve assembly side.

If the result is not as specified, replace the oil pressure control valve assembly.



*a Component without harness connected (Oil Pressure Control Valve Assembly)

