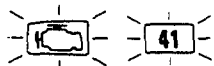


PGM-FI System

Heated Oxygen Sensor (HO2S) Heater [D16Y2 engine]



The Malfunction Indicator Lamp (MIL) indicates Diagnostic Trouble Code (DTC) 41: A problem in the Heated Oxygen Sensor (HO2S) Heater circuit.

- The MIL has been reported on.
- With the SCS short connector connected (see page 11-14), code 41 is indicated.

Do the ECM Reset Procedure (see page 11-15).

Start the engine.

Is the MIL on and does it indicate code 41?

NO

Intermittent failure, system is OK at this time (test drive may be necessary). Check for poor connections or loose wires between HO2S and ECM.

YES

Turn the ignition switch OFF.

Disconnect the 4P connector from the HO2S.

Measure resistance between terminals 3 and 4 on the HO2S.

Is there 10–40 Ω ?

NO

Replace the HO2S.

YES

Check for continuity to body ground on 3 and 4 terminals of the HO2S individually.

Is there continuity?

YES

Replace the HO2S.

NO

Check for continuity between terminal 4 and terminals 1 and 2 of the HO2S individually.

Is there continuity?

YES

Replace the HO2S.

NO

Turn the ignition switch ON.

At the engine wire harness, measure voltage between YEL/BLK (+) terminal and ORN/BLK (–) terminal.

Is there battery voltage?

YES

Turn the ignition switch OFF.

NO

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