

PGM-FI Control System

Troubleshooting Flowchart — Oxygen Sensor Heater



Self-diagnosis Check Engine warning light indicates code 41: A problem in the Oxygen (O₂) Sensor Heater circuit.



- Engine is running.
- Check Engine warning light has been reported on, with service check connector jumped, CODE 41 is indicated.

Turn the ignition switch OFF.

Remove BACK UP fuse in the under-hood relay box for 10 seconds to reset ECU.

Start engine.

Is Check Engine warning light on and does it indicate CODE 41 ?

NO

Intermittent failure, system is OK at this time (test driving may be necessary). Check for poor connections or loose wires at O₂ sensor connector.

YES

Stop engine.

Disconnect the 4P connector from the O₂ sensor.

Measure resistance between terminals A and B on the O₂ sensor.

Is there 10–40 Ω ?

NO

Replace O₂ sensor.

YES

Check for continuity to body ground on each terminal on the O₂ sensor.

Does continuity exist ?

YES

Replace O₂ sensor.

NO

Check for continuity between terminal A and terminals C and D individually.

Does continuity exist ?

YES

Replace O₂ sensor.

NO

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O₂ SENSOR
45 N·m (45 kg-m, 33 lb-ft)

DIGITAL MULTIMETER
07411-0020000

