

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 (page 6-14), 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

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

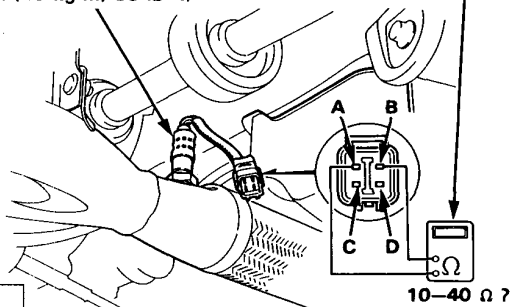
Replace O₂ sensor.

NO

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O₂ SENSOR
45 N·m (45 kg·m, 33 lb·ft)

DIGITAL MULTIMETER
07411–0020000



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



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