

PGM-FI System

Troubleshooting Flowchart — Heated Oxygen Sensor Heaters

**41**

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

**42**

The Malfunction Indicator Lamp (MIL) indicates Diagnostic Trouble Code (DTC) 42: A problem in the Right Heated Oxygen Sensor (HO2S) Heater circuit.

**41**

or

42

- The MIL has been reported on.
- With service check connector jumped (see page 11-34), code 41 and/or 42 are indicated.

Do the ECM or PCM Reset Procedure (see page 11-35).

Start the engine.

Is the MIL on and does it indicate code 41 and/or 42?

NO

Intermittent failure, system is OK at this time (test drive may be necessary).
Check for poor connections or loose wires at C355, C356 (located at right shock tower), C111, C123 (HO2S) and ECM or PCM.

YES

Turn the ignition switch OFF.

Disconnect the 4P connector from the HO2S.

Measure resistance between terminals C and D on the HO2S.

Is there 10-20 Ω ?

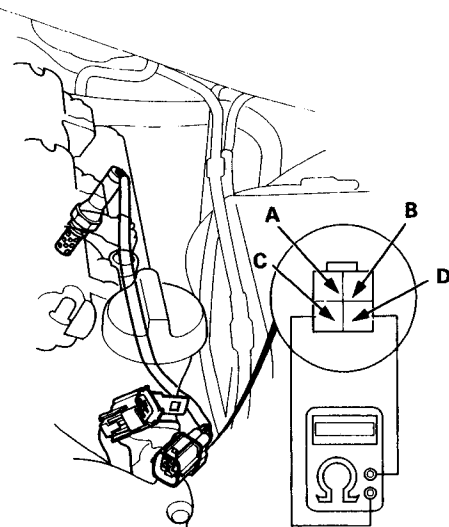
NO

Replace the HO2S.

YES

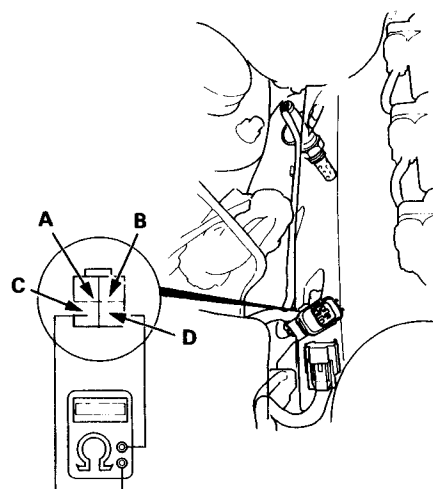
(To page 11-49)

LEFT:

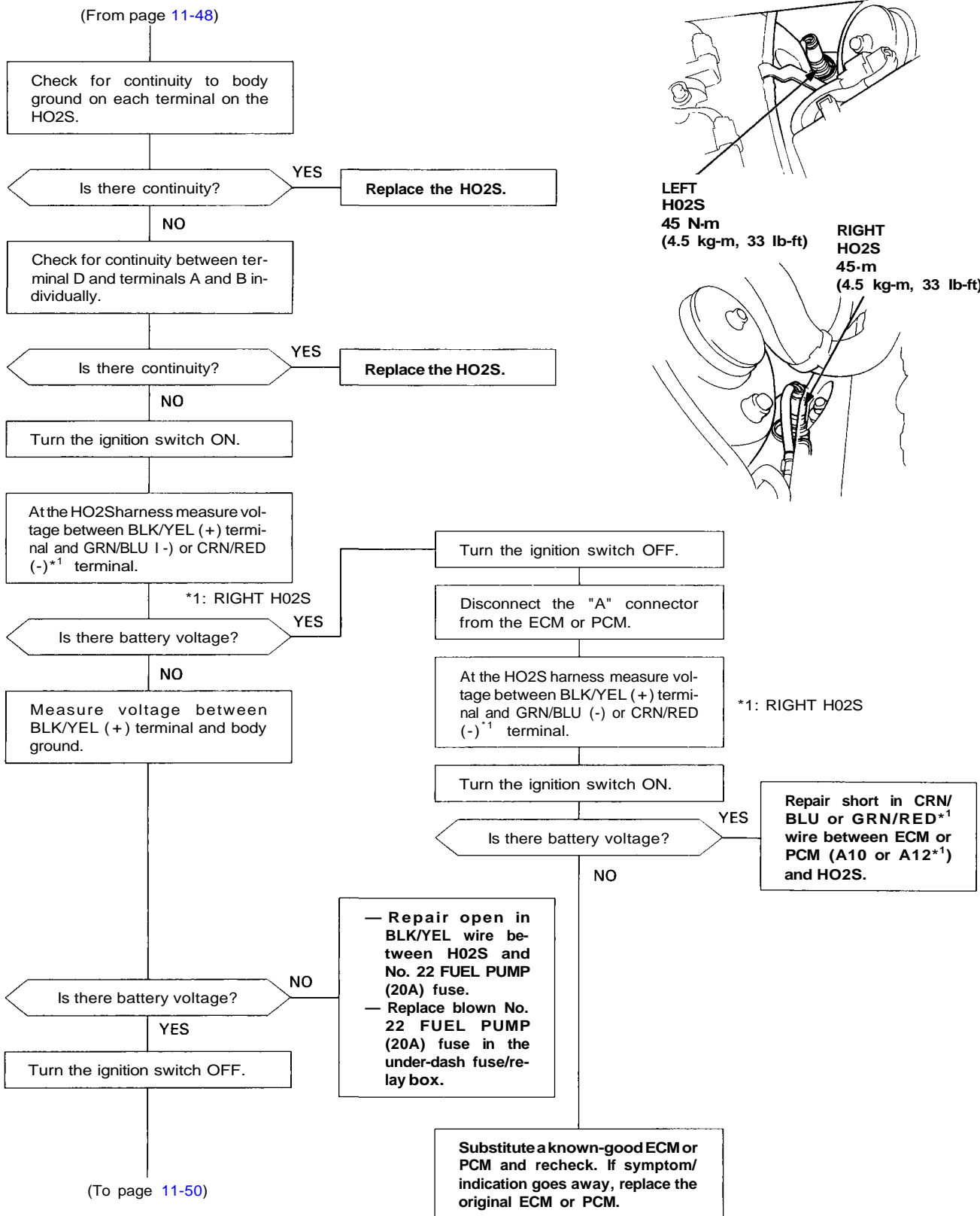


10-20 Ω ?
DIGITAL MULTIMETER
Commercially available or
KS-AHM-32-003

RIGHT:



10-20 Ω ?
DIGITAL
MULTIMETER
Commercially available or
KS-AHM-32-003



(cont'd)

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Troubleshooting Flowchart — Heated Oxygen Sensor Heaters (cont'd)

