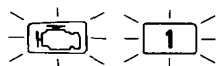


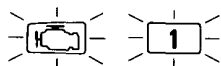
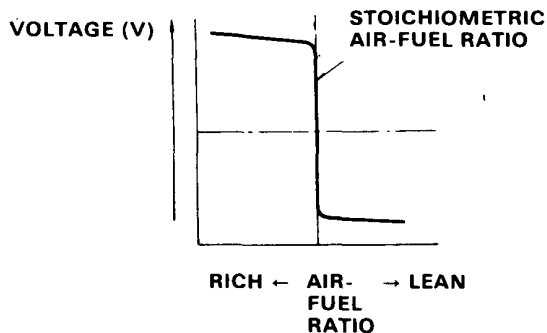
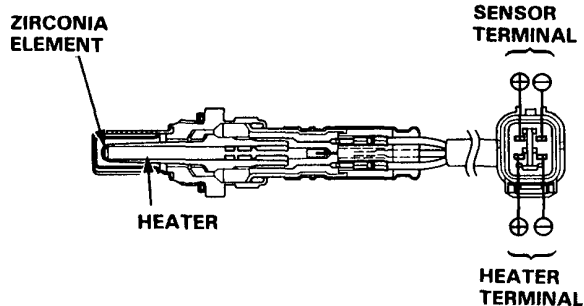


Troubleshooting Flowchart — Oxygen Sensor [D16Z6, D16Z7, B16A2 engine]



Self-diagnosis Check Engine light indicates code 1: A problem in the Oxygen (O₂) Sensor circuit.

The Oxygen sensor detects the oxygen content in the exhaust gas and signals the ECU. In operation, the ECU receives the signals from the sensor and varies the duration during which fuel is injected. The oxygen sensor has an internal heater. The heater stabilizes the sensor's output. The oxygen sensor is installed in the exhaust manifold.



- Check Engine light has been reported on.
- With service check connector jumped (page 11-208), CODE 1 is indicated.

Do the ECU Reset Procedure (page 11-209).

Warm up engine to normal operating temperature (cooling fan comes on).

Run engine for 60 seconds.

Road test with the transmission in 2nd gear (M/T: 4th gear). Starting at 1600 min⁻¹ (rpm), accelerate using wide open throttle for at least 5 seconds. Then decelerate for at least 5 seconds with the throttle completely closed.

Is Check Engine light on and does it indicate CODE 1?

NO

Intermittent failure, system is OK at this time. Check for poor connections or loose wires at O₂ sensor and ECU.

YES

Go to page and perform test for CODE 43 (page 11-240)