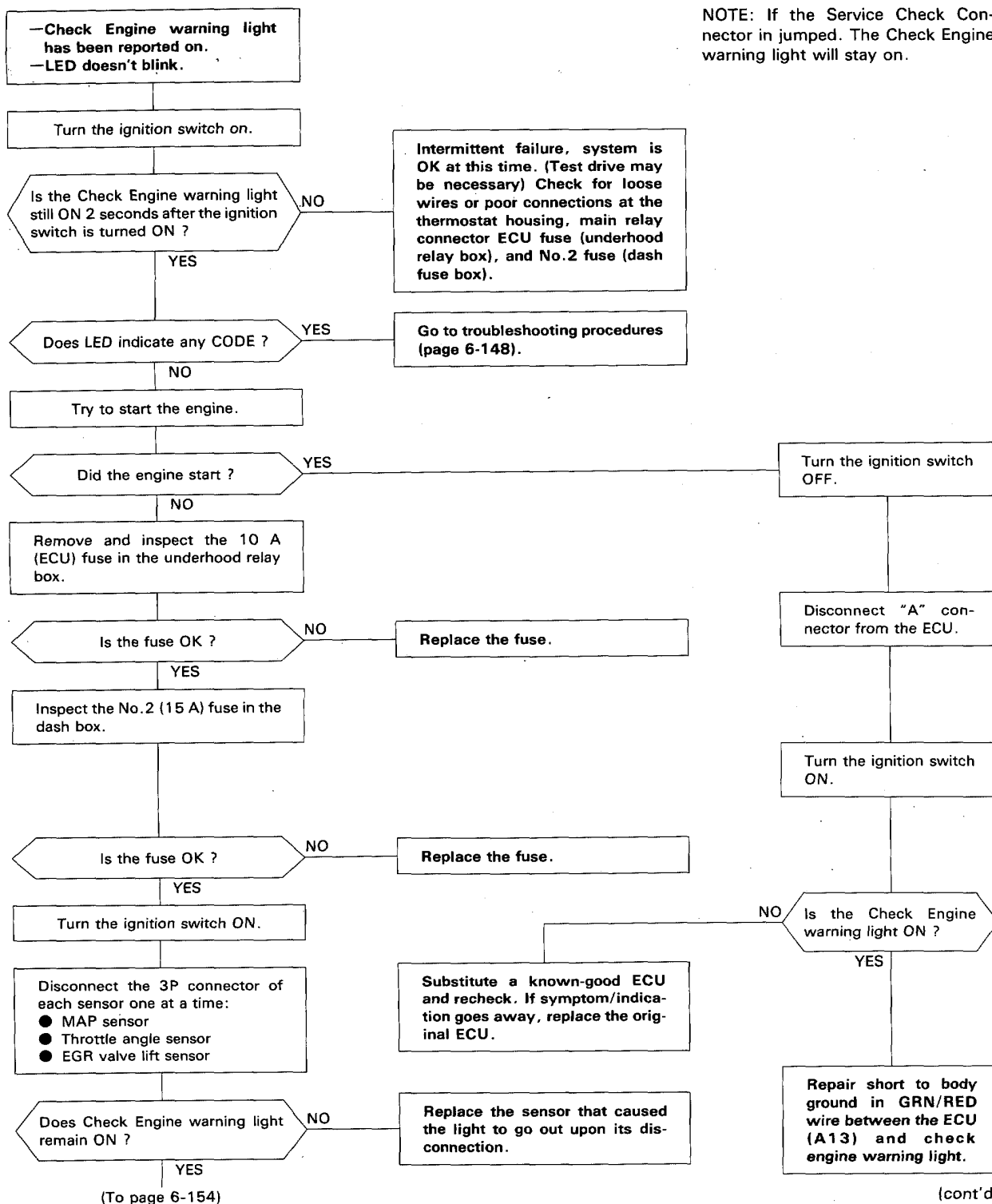




NOTE: If the Service Check Connector is jumped. The Check Engine warning light will stay on.



PGM-FI Control System

Troubleshooting Flowchart — ECU (cont'd)

(From page 6-153)

Turn the ignition switch OFF.

Connect the ECU test harness (page 6-150). But disconnect the "D" connector from the ECU only, not the main wire harness.

Check for continuity between body ground and the following terminals: D19, D20.

Does continuity exist ?

YES

NO

Reconnect all the connectors.
Reconnect the "D" connector to the ECU.

Turn the ignition switch ON.

Individually connect the following terminal to Body Ground. B2 • A26

Is the Check Engine warning light still ON after 2 seconds ?

NO

YES

Measure voltage between A26 (–) and the following: B1 (+) and A25 (+).

Is there battery voltage ?

NO

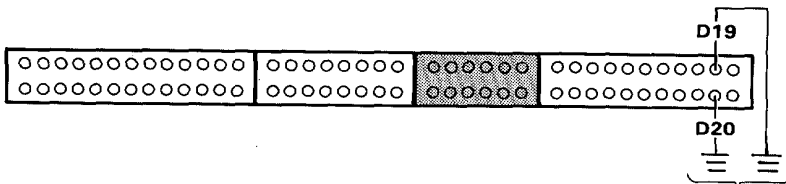
YES

substitute a known-good ECU and recheck. If symptom/indication goes away, replace the original ECU.

Repair short to body ground in RED/WHT wire between ECU (D19), YEL/WHT wire between ECU (D20) and throttle angle sensor, EGR valve lift sensor and MAP sensor.

—Repair open in BLK/RED wire between ECU (A26) and G101.
—Repair open in BRN/BLK wire between ECU (B2) and G101.

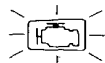
—Repair open in YEL/BLK wire between ECU (A25, B1) and main relay.
—Check main relay and wiring connectors at main relay (page 6-216).



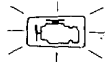


PGM-FI Control System

Troubleshooting Flowchart — Oxygen Sensor



Self-diagnosis LED indicates code 1: A problem in the Heated Oxygen (O₂) Sensor circuit.



—Check Engine warning light has been reported on.
—LED indicates CODE 1.

Turn the ignition switch OFF.

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

Inspect fuel pressure (page 6-213).

Is it normal ?

NO

Go to page 6-208 Fuel Supply System.

YES

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

Run engine for 10 seconds.

Road test with the Transmission in 2nd gear, 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 warning light on and does LED indicate CODE 1 ?

NO

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

YES

(To page 6-157)