Troubleshooting Flowchart — ECU

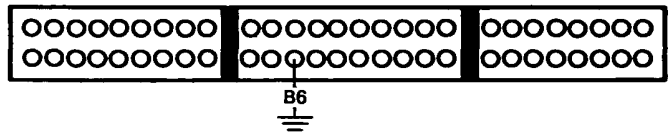
Check Engine warning light isn't on for two seconds after ignition is first turned on.

Is oil pressure warning light on ?
- NO → Inspect No.1 fuse.
  - Is No.1 fuse OK ?
    - NO → **Replace fuse.**
    - YES → **Repair open in YEL wire between No.1 fuse and combination meter.**
- YES

Turn the ignition switch OFF.

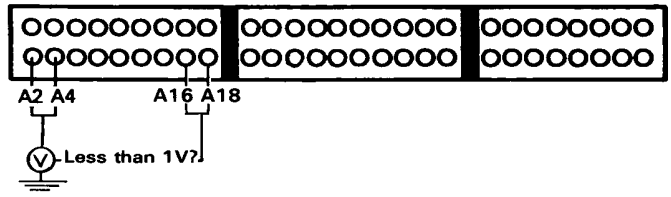
Connect the PGM-FI test harness between the ECU and connector (page 6-13).

Connect B6 terminal to body ground.



Turn the ignition switch ON.

Is Check Engine warning light on ?
- NO → **– Replace warning light bulb.**
  – Repair open in GRN/ORN wire between ECU (B6) and combination meter.
- YES

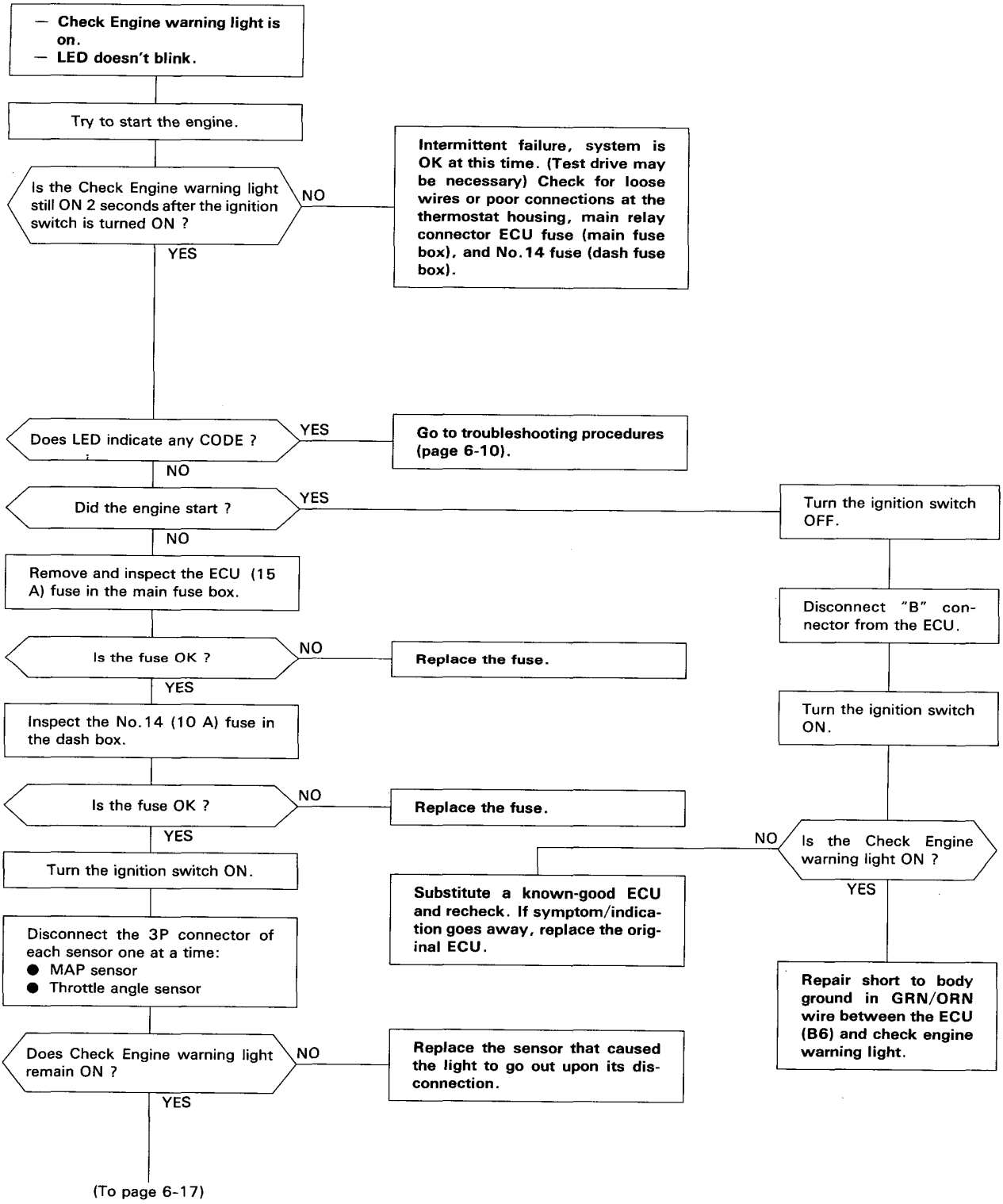


Measure voltage between body ground and the following terminals individually to: ●A2, ●A4, ●A16, ●A18

Is there less than 1V?
- NO → **Repair open in wire between ECU and thermostat housing (G101) that had more than 1V.**
- YES

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

Troubleshooting Flowchart — ECU (cont'd)

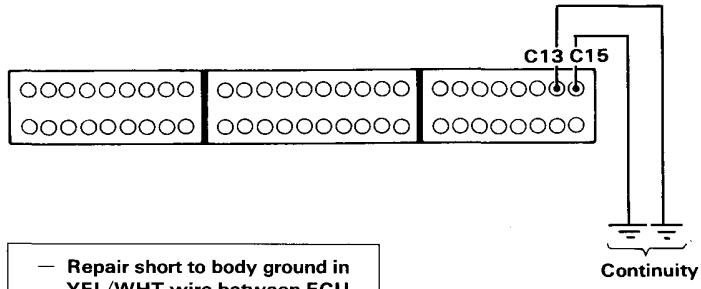


(From page 6-16)

Turn the ignition switch OFF.

Connect the PGM-FI test harness (page 6-13). But disconnect the "C" connector from the ECU only, not the main wire harness.

Check for continuity between body ground and the following terminals: C13, C15.



Does continuity exist ?

YES

- **Repair short to body ground in YEL/WHT wire between ECU (C13) and throttle angle sensor.**
- **Repair short to body ground in YEL/RED wire between ECU (C15) and MAP sensor.**

NO

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

Turn the ignition switch ON.

Individually connect the following terminal to Body Ground. A16 · A18

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

NO

- **Repair open in BLK/RED wire between ECU (A18) and G101.**
- **Repair open in BRN/BLK wire between ECU (A16) and G101.**

YES

Measure voltage between A18 (−) and the following: A13 (+) and A15 (+).

Is there battery voltage ?

NO

- **Repair open in YEL/BLK wire between ECU (A13, A15) and main relay.**
- **Check main relay and wiring connectors at main relay.**

YES

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