

Fuel Supply System

PGM-FI Main Relay (cont'd)

Troubleshooting Flowchart

– Engine will not start.
– Inspection of PGM-FI main relay.

Disconnect the PGM-FI main relay connectors.

Check for continuity between BLK terminal ② and body ground.

Does continuity exist?

NO
Repair open in BLK wire between the PGM-FI main relay and G101 (located at right middle of engine).

YES

Measure the voltage between YEL/BLU terminal ① and body ground.

Is there battery voltage?

NO
– Replace the ACG(S) (20 A) fuse in the engine compartment fuse/relay box.
– Repair open in YEL/BLU wire between the PGM-FI main relay and the ACG(S) (20 A) fuse.

YES

Turn the ignition switch ON.

Measure the voltage between BLK/YEL terminal ⑤ and body ground.

Is there battery voltage?

NO
– Replace the No. 2 (15 A) fuse in the under-dash fuse box.
– Repair open in BLK/YEL wire between the PGM-FI main relay and the No. 2 (15 A) fuse.

YES

Measure the voltage between BLK/YEL terminal ⑥ and body ground.

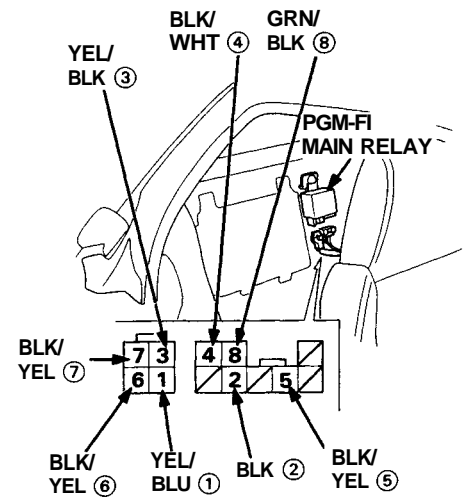
Is there battery voltage?

NO
– Replace the IG COIL (30 A) fuse in the engine compartment fuse/relay box.
– Repair open in BLK/YEL wire between the PGM-FI main relay and the IG COIL (30 A) fuse.

YES

Turn the ignition switch START position with the clutch pedal depressed.

(To page 11-123)





(From page 11-122)

Measure the voltage between BLK/WHT terminal ④ and body ground.

Is there battery voltage?

NO

- Replace the No. 7 (7.5 A) fuse in the under-dash fuse box.
- Repair open in BLK/WHT wire between the PGM-FI main relay and the No. 7 (7.5 A) fuse.

YES

Turn the ignition switch off.

Connect the test harness between the ECM and connector. Disconnect "A" connector from the ECM only, not the engine wire harness (see page 11-37).

Check for continuity between GRN/BLK terminal ⑥ and A7 terminal.

Does continuity exist?

NO

Repair open in GRN/BLK wire between ECM (A7) and PGM-FI main relay.

YES

Reconnect "A" connector to the ECM. Reconnect the PGM-FI main relay.

Turn the ignition switch ON.

Measure the voltage between A23 (-) terminal and the following terminals: A25 (+), C1 (+).

Is there battery voltage?

NO

- Repair open in YEL/BLK wire ③ between the ECM (A25, CD) and the PGM-FI main relay.
- Replace the PGM-FI main relay.

YES

Turn the ignition switch OFF.

Measure the voltage between A7 (+) terminal and A23 (-) terminal when the ignition switch is first turned ON.

Is there 1.0 V or less? (for 2 seconds)

NO

Substitute a known-good ECM and recheck. If prescribed voltage is now available, replace the original ECM.

YES

Replace the PGM-FI main relay.

