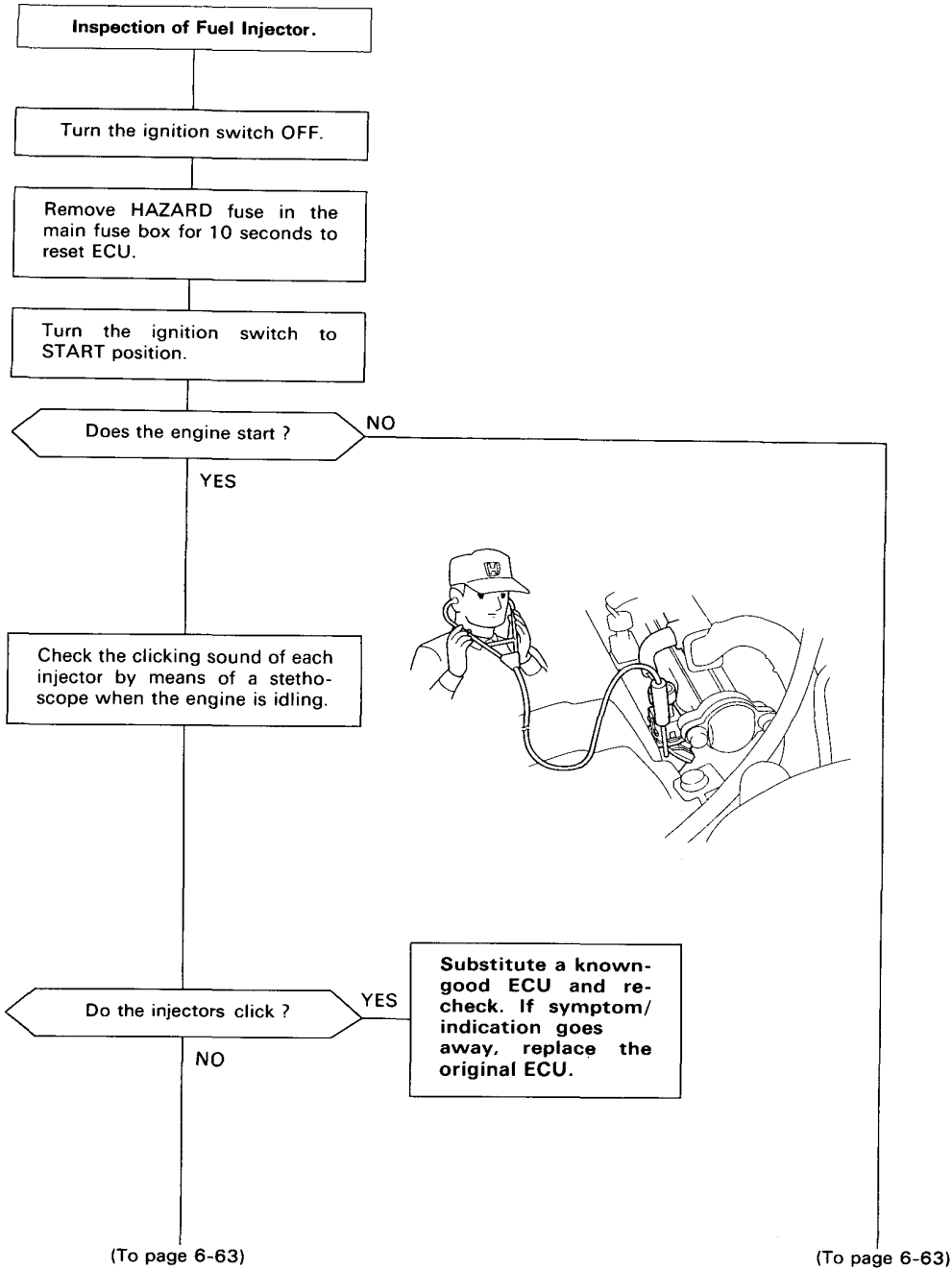
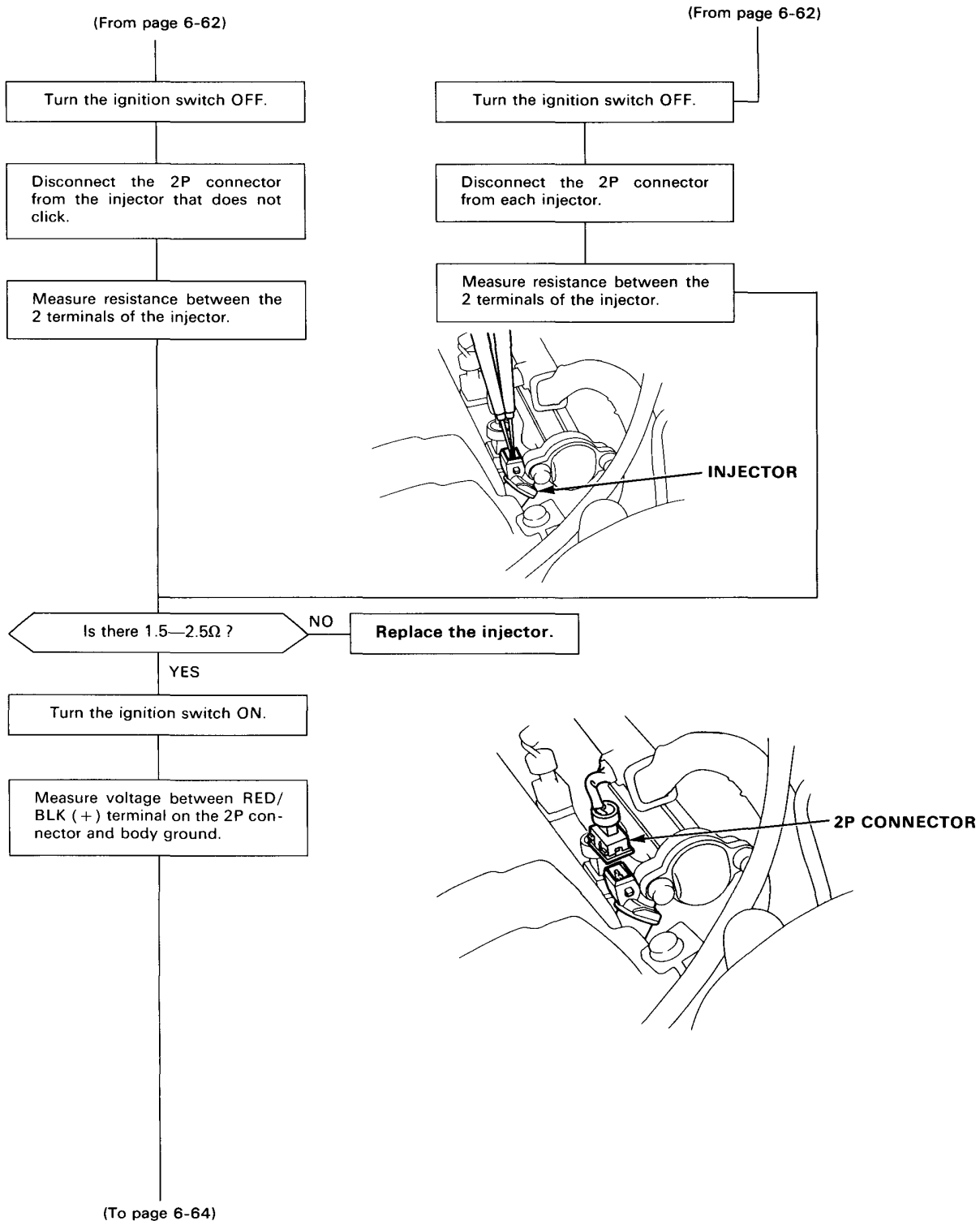


Fuel Supply System

Fuel Injectors

Fuel injectors Troubleshooting Flowchart





(cont'd)

Fuel Supply System

Fuel Injectors (cont'd)

(From page 6-63)

Is there battery voltage ?

NO

Turn the ignition switch OFF.

Disconnect 6P connector on the injector resistor.

Turn the ignition switch ON.

Measure voltage between YEL/BLK (+) terminal and body ground.

Is there battery voltage ?

NO

Repair open in the YEL/BLK wire between the injector resistor and the main relay.

YES

—Replace the injector resistor.
—Repair open RED/BLK wire between 2P connector and resistor.

Reconnect the 2P connector to the injector.

Turn the ignition switch OFF.

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

Turn the ignition switch ON.

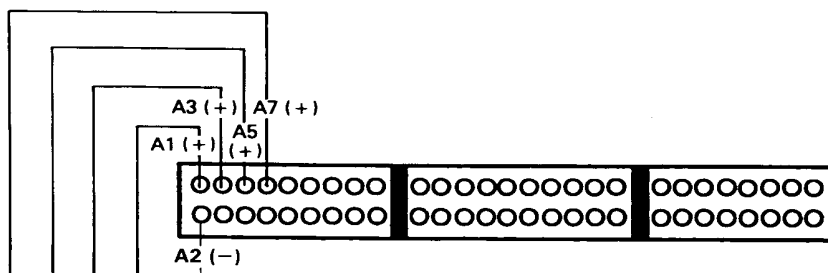
(To page 6-65)



(From page 6-64)

Measure voltage between A2 (-) terminal and following terminals,

- No.1 injector: A1 (+) terminal.
- No.2 injector: A3 (+) terminal.
- No.3 injector: A5 (+) terminal.
- No.4 injector: A7 (+) terminal.



Is there battery voltage ?

NO

Repair open in the wire between the ECU (A1, A3, A5 or A7) and the injector.

YES

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

(cont'd)

Fuel Supply System

Fuel Injectors (cont'd)

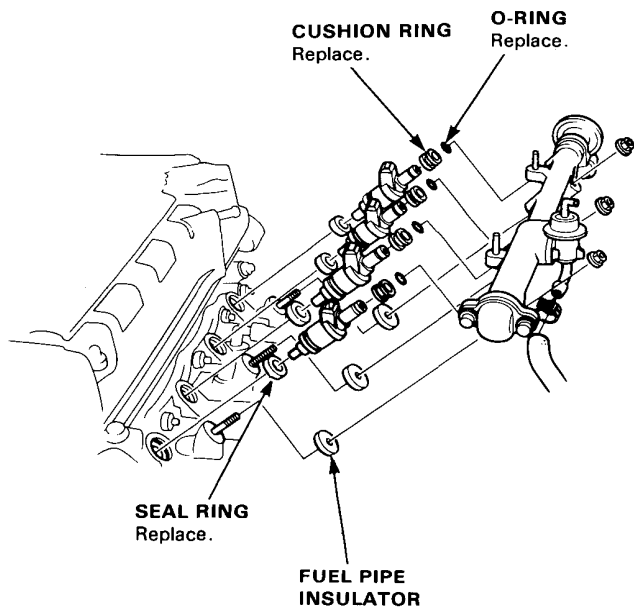
Replacement

⚠ WARNING Do not smoke during the work. Keep open flames away from your work area.

1. Relieve fuel pressure (page 6-61).
2. Disconnect the connectors from the injectors.
3. Disconnect the vacuum hose and fuel return hose from the pressure regulator.

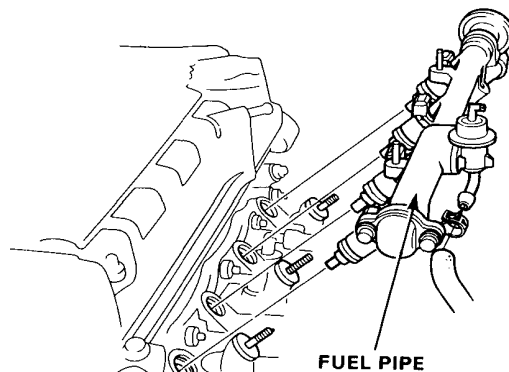
NOTE: Place a rag or shop towel over the hoses before disconnecting them.

4. Loosen the retainer nuts on the fuel pipe and harness holder.
5. Disconnect the fuel pipe.
6. Remove the injectors from the intake manifold.

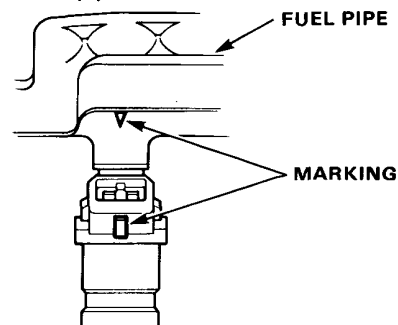


7. Slide new cushion rings onto the injectors.
8. Coat new O-rings with clean engine oil and put them on the injectors.
9. Insert the injectors into the fuel pipe first.
10. Coat new seal rings with clean engine oil and press them into the intake manifold.
11. Install the injectors and fuel pipe assembly in the manifold.

CAUTION: To prevent damage to the O-ring, install the injectors in the fuel pipe first, then install them in the intake manifold.



12. Align the center line on the connector with the mark on the fuel pipe.



13. Install and tighten the retainer nuts.
14. Connect the vacuum hose and fuel return hose to the pressure regulator.
15. Install the connectors on the injectors.
16. Turn the ignition switch ON but do not operate the starter. After the fuel pump runs for approximately two seconds, the fuel pressure in the fuel line rises. Repeat this two or three times, then check whether there is any fuel leakage.