

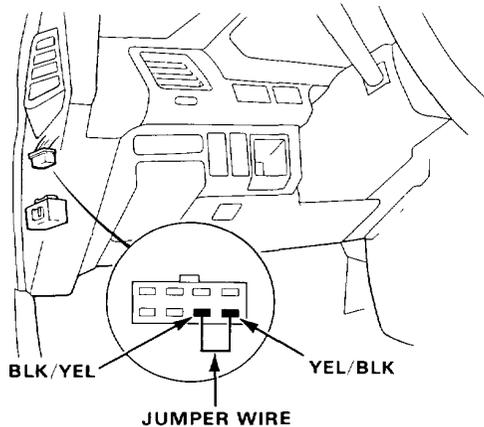
Fuel Supply System

Fuel Pump

Testing

WARNING Do not smoke during the test. Keep open flame away from your work area.

1. With the ignition switch OFF, disconnect the connector from the main relay at left side of the cowl.
2. Connect the BLK/YEL wire and YEL/BLK wire with a jumper wire.

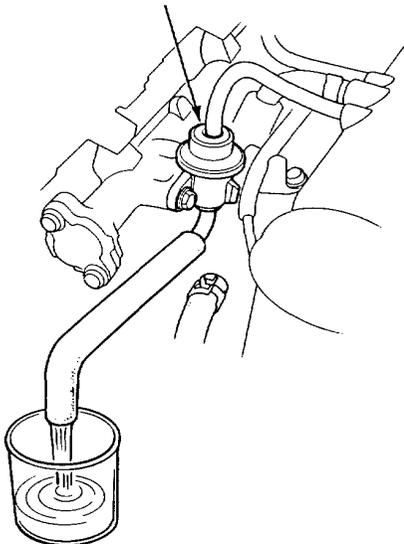


3. Relieve fuel pressure as described on page 6-71 then tighten the service bolt.
4. Disconnect the fuel return hose from the regulator.
5. Turn the ignition switch ON for 10 seconds and measure the amount of fuel flow.

Amount should be:

230 cm³ (7.8 oz) min. in 10 seconds at 12V

PRESSURE REGULATOR



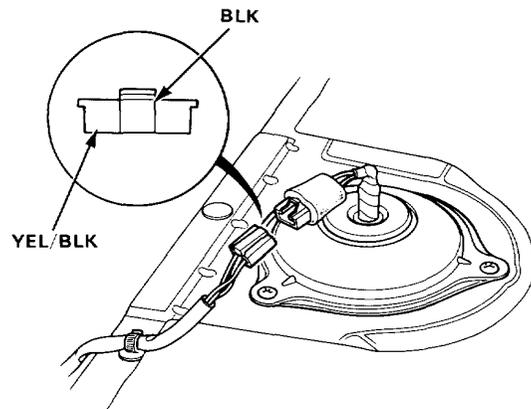
- If fuel flow is less than 230 cm³ (7.8 oz), or there is no fuel flow, check for:
 - Clogged fuel filter.
 - Clogged fuel line.
 - Pressure regulator failure (page 6-76).

If you suspect a problem with the fuel pump, check that the fuel pump actually runs; when it is ON, you will hear some noise if you hold your ear to the fuel filler port with the fuel filler cap removed. If the pump does not make noise, check as follows:

1. Remove the rear seat.
2. Disconnect the 3P connector.

CAUTION: Be sure to turn the ignition switch OFF before disconnecting the wires.

3. Check that battery voltage is available at the fuel pump connector when the ignition switch is turned ON (positive probe to the YEL/BLK wire, negative probe to the BLK wire).



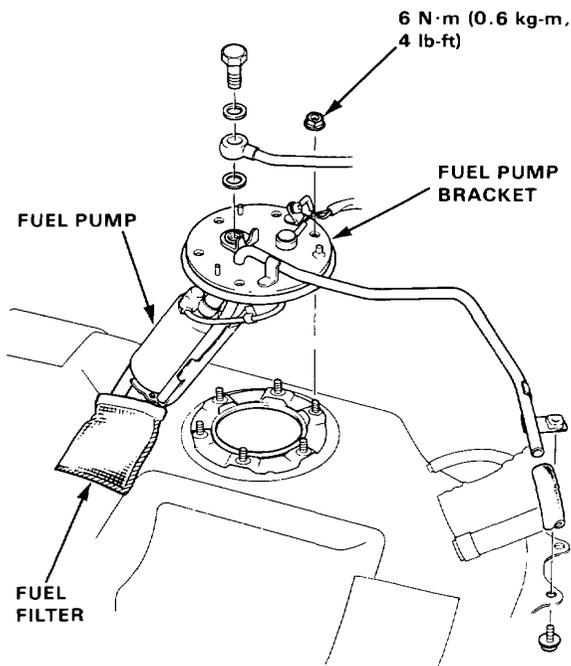
- If battery voltage is available, replace the fuel pump.
- If there is no voltage, check the main relay and wire harness (page 6-79).



Replacement

WARNING Do not smoke while working on fuel system. Keep open flames away from your work area.

1. Remove the fuel tank (page 6-81).
2. Remove the fuel pump mounting nuts.
3. Remove the fuel pump from the fuel tank.

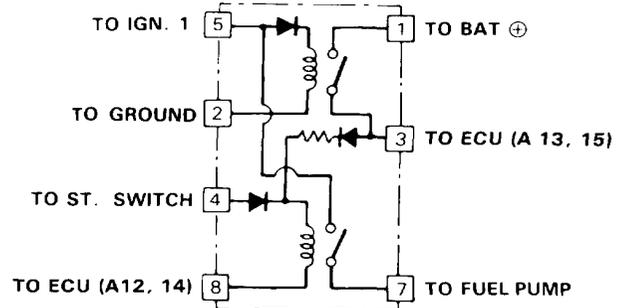
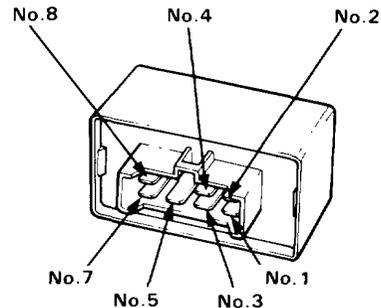


Main Relay

Relay Testing

1. Remove the main relay.
2. Attach the battery positive terminal to the No. 4 terminal and the battery negative terminal to the No. 8 terminal of the main relay. Then check for continuity between the No. 5 terminal and No. 7 terminal of the main relay.

- If there is continuity, go on to step 3.
- If there is no continuity, replace the relay and retest.



3. Attach the battery positive terminal to the No. 5 terminal and the battery negative terminal to the No. 2 terminal of the main relay. Then check that there is continuity between the No. 1 terminal and No. 3 terminal of the main relay.

- If there is continuity, go on to step 4.
- If there is no continuity, replace the relay and retest.

4. Attach the battery positive terminal to the No. 3 terminal and battery negative terminal to the No. 8 terminal of the main relay. Then check that there is continuity between the No. 5 terminal and No. 7 terminal of the main relay.

- If there is continuity, the relay is OK; If the fuel pump still does not work, go to Harness Testing in the next column.
- If there is no continuity, replace the relay and retest.