

PGM-FI Main Relay

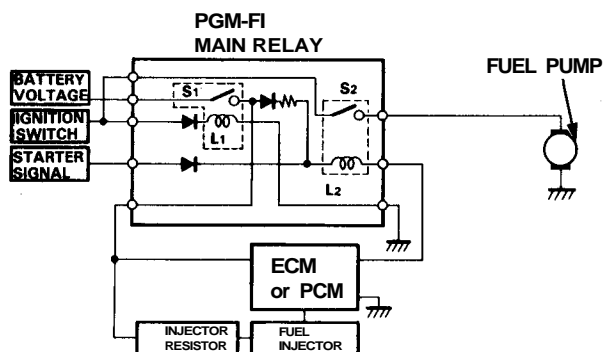
Description

This PGM-FI main relay is located at the left side of the COW.

The PGM-FI main relay actually contains two individual relays.

One relay is energized whenever the ignition is on. It supplies battery voltage to the ECM for M/T or PCM for A/T, power to the fuel injectors, and power for the second relay.

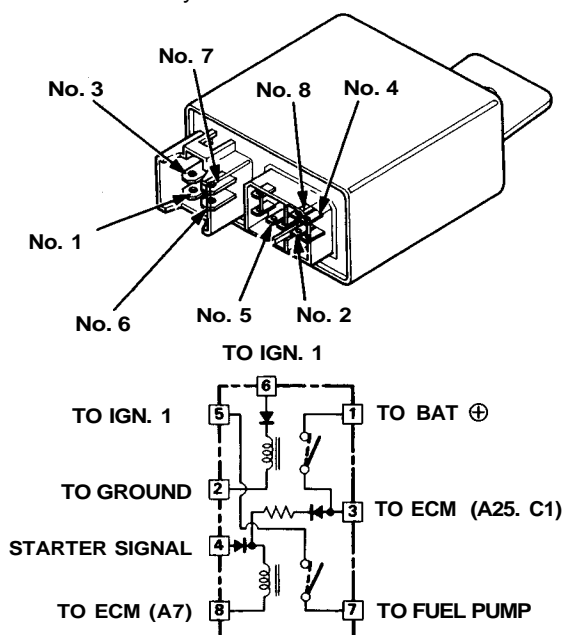
The second relay is energized for 2 seconds when the ignition is switched on, and when the engine is running. It supplies power to the fuel pump.



Relay Testing

NOTE: If the car starts and continues to run, the PGM-FI main relay is OK.

1. Remove the PGM-FI main relay.
2. Attach the battery positive to the No. 4 terminal and the battery negative to the No. 8 terminal of the PGM-FI main relay. Then check for continuity between the No. 5 terminal and No. 7 terminal of the PGM-FI main relay.
 - If there is continuity, go on to step 3.
 - If there is no continuity, replace the PGM-FI main relay and retest.



3. Attach the battery positive terminal to the No. 6 terminal and the battery negative terminal to the No. 2 terminal of the PGM-FI main relay. Then check that there is continuity between the No. 1 terminal and No. 3 terminal of the PGM-FI main relay.
 - If there is continuity, go on to step 4.
 - If there is no continuity, replace the PGM-FI main 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 PGM-FI main relay. Then check that there is continuity of the PGM-FI main relay. Then check that there is continuity between the No. 5 terminal and No. 7 terminal of the PGM-FI main relay.
 - If there is continuity, the PGM-FI main 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 PGM-FI main relay and retest.