

SYSTEM/COMPONENT TESTS

1989 Volvo 740

FUEL PRESSURE REGULATOR

- 1) Connect a fuel pressure gauge between fuel line and fuel injection manifold.
- 2) On 240 DL/GL, remove panel under right side of instrument panel. Disconnect fuel system relay connector. See Fig. 3.
- 3) On all models except 240 DL/GL, remove fuel system relay. Fuel system relay is located in fuse/relay box. See Fig. 3.
- 4) On all models, energize fuel pump. Connect a jumper wire between terminal No. 30 and No. 87/2. Observe fuel pressure reading. Fuel pressure should read 42 psi (2.0 kg/cm²). If pressure is too low, pinch off fuel return line and recheck pressure.

CAUTION: DO NOT allow pressure to exceed 84 psi (5.9 kg/cm²).

- 5) If pressure rises quickly, fuel pump and lines are functioning correctly. Replace pressure regulator and recheck pressure. If pressure does not rise quickly, go to next step.

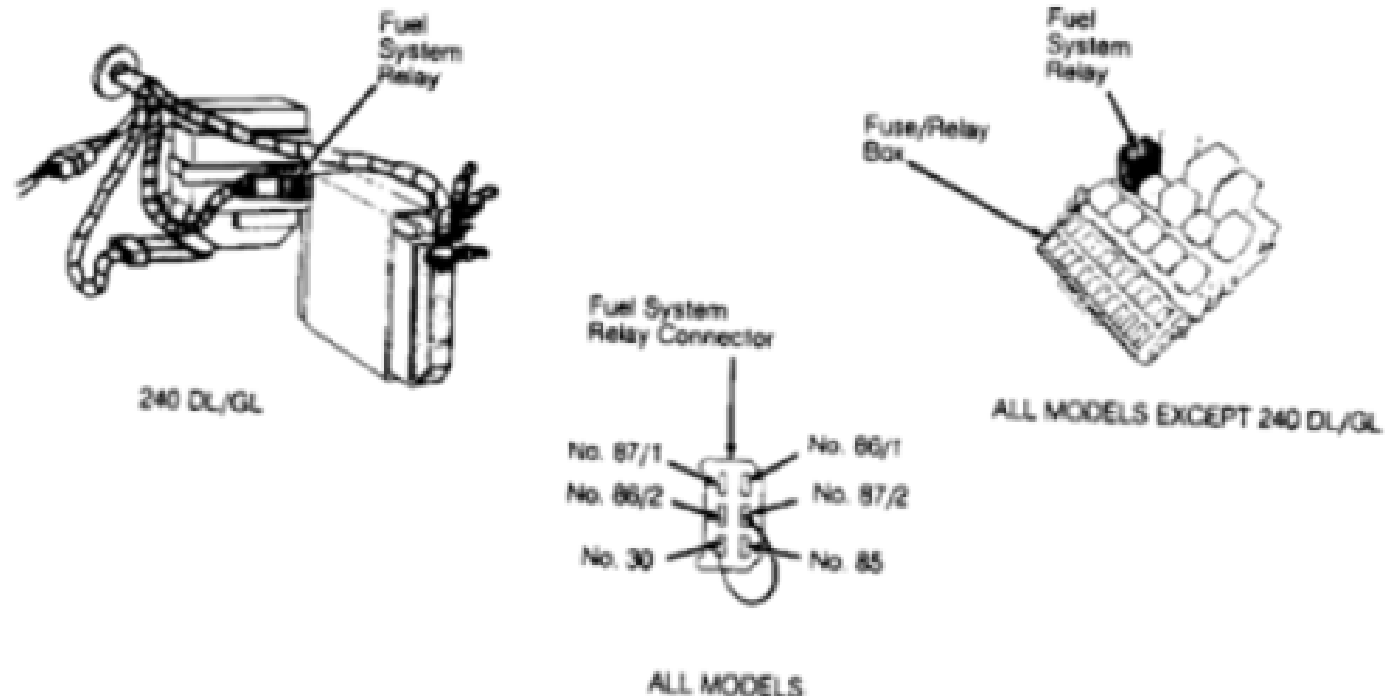


Fig. 3: Fuel System Relay Locations & Terminal Identification