

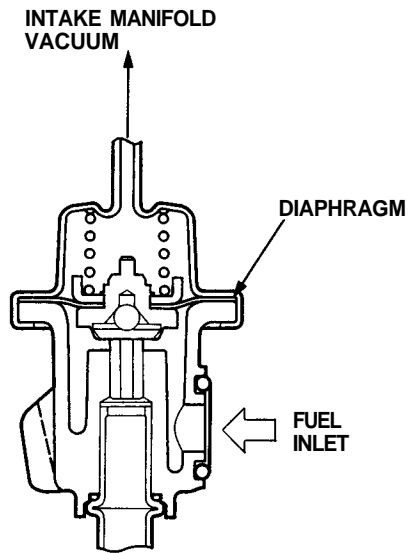
# Fuel Supply System

## Pressure Regulator

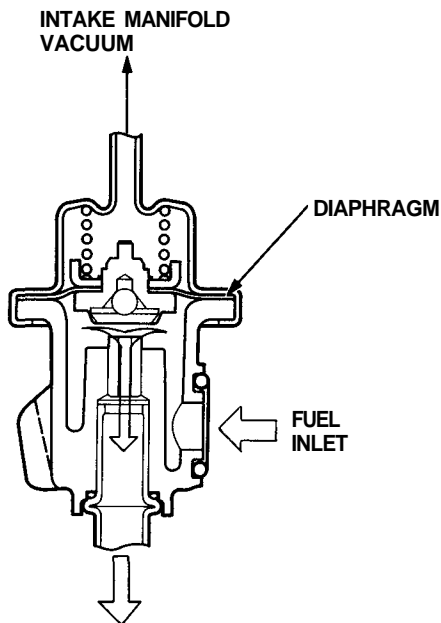
### Description

The fuel pressure regulator maintains a constant fuel pressure to the injectors. When the difference between the fuel pressure and manifold pressure exceeds  $2.55 \text{ kg/cm}^2$  (36 psi), the diaphragm is pushed upward, and the excess fuel is fed back into the fuel tank through the return line.

### CLOSE



### OPEN



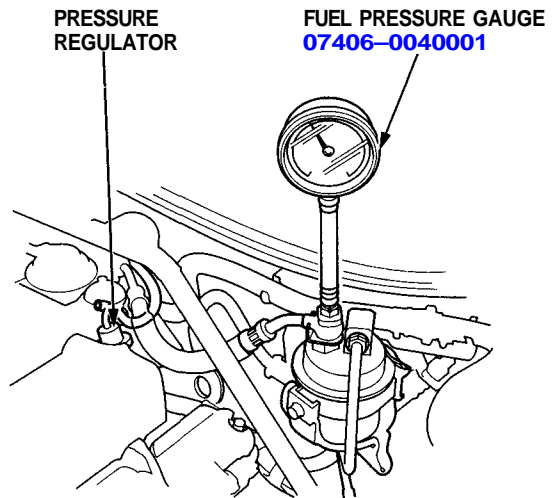
### Testing

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

1. Attach a pressure gauge to the service port of the fuel filter (page 11-91).

Pressure should be:

265 – 314 kPa (2.7 – 3.2 kg/cm<sup>2</sup>, 38 – 46 psi)  
(with the regulator vacuum hose disconnected)



2. Reconnect the vacuum hose to the pressure regulator.