



# Adjustable Fuel Pressure Regulator

## Part Number 61504

**Warning: ALWAYS** relieve fuel pressure before disconnecting any fuel injection-related component. **DO NOT** allow fuel to contact engine or electrical components.

### **FUEL SYSTEM PRESSURE RELEASE**

#### 1994 Trucks

1. Unplug inertia switch, located on right kick panel, just forward of door. Crank engine for approximately 10 seconds. If engine starts, run it until it stalls, then crank engine and additional 5 seconds. Reconnect wiring to inertia switch.
2. Disconnect negative battery cable.

#### 1995-1997 Trucks

1. Remove fuel tank cap. Using Fuel Pressure Gauge, release fuel pressure from system at pressure relief valve (Schrader valve), located on fuel injection manifold rail.
2. If fuel pressure gauge is not available, disconnect Inertia Fuel Shutoff (IFS) switch, located below right side of instrument panel, behind trim panel or behind the right kick panel on 1996 and up vehicles. Remove fuel cap to release fuel tank pressure. Crank for 15 seconds to release system pressure. Turn ignition off. Reconnect IFS switch.

#### 1994-1997 Cars

1. Remove fuel tank cap. Using Fuel Pressure Gauge, release fuel pressure from system at pressure relief valve (Schrader valve), located on fuel injection manifold rail.
2. If fuel pressure gauge is not available, disconnect Inertia Fuel Shutoff (IFS) connector. The IFS is located in several different locations, please refer to vehicle service manual for specific location related to your vehicle. Most IFS switches are either located in the rear of the trunk.

### **Removal and Installation of Regulator**

#### ***1994-1997 4.6, 5.0 Trucks***

1. Disconnect negative battery cable. Make sure fuel pressure has been released.
2. Remove vacuum hose from fuel pressure regulator.
3. Remove mounting screws from fuel pressure regulator housing. Remove fuel pressure regulator, gasket and "O" ring.
4. Lubricate "O" ring with light oil. **DO NOT** use silicone grease. Ensure regulator and manifold gasket surfaces are clean and dry. To complete installation, reverse removal procedure.

#### ***1994-1997 4.6, 5.0 Cars***

1. Disconnect negative battery cable. If removing fuel pressure regulator while fuel rail assembly is still installed on engine, release fuel pressure.
2. Remove vacuum line at pressure regulator. Remove pressure regulator mounting screws. Remove pressure regulator assembly, gasket and "O" ring.
3. To install, ensure sealing surfaces are clean. Lubricate new "O" ring with clean engine oil. Install new "O" ring and gasket on regulator. Install fuel pressure regulator on fuel rail assembly and tighten mounting screws.

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