

Maxflow[®] Fuel Pressure Optimizer 86-95 Mustang Installation Instructions

Before beginning installation of the Maxflow Fuel Pressure Optimizer, it is imperative to ensure that the vehicle's engine is cold/cool to the touch, and the fuel pressure has been properly relieved. Refer to a service manual for the proper technique.

A. Component Removal/Preparation

1. Disconnect the negative cable from the battery negative terminal.

WARNING: Do not smoke while working on the fuel system. Keep open flame away from your work area!

2. Disconnect the vacuum line from the regulator. Remove the screws securing the fuel regulator to the fuel rail.

NOTE: Inspect the fuel regulator O-ring for cracks and tears. Replace if necessary.

3. Referring to the graphic assembly diagram, measure down 1/4" from the top of the fuel regulator and mark the location. Cut the upper portion of the fuel regulator top off and discard.

NOTE: Be sure not to cut into or puncture the fuel regulator diaphragm. Remove any burrs and sharp edges.

4. Install the O-ring onto the factory fuel regulator and seat onto the lip. Install the Vortech[®] fuel optimizer as shown in Fig. 1. The adjustment screw should be unscrewed as far as possible to ease installation. Using a 7/64" hex key, tighten the four supplied 6-32 x 1/2" stainless steel screws evenly, using a criss-cross pattern. *There is no need to tighten screws excessively.* A small amount of blue loctite 247 is recommended on each of the four previously mentioned screws.
5. Reinstall the fuel regulator using the previously removed hardware and tighten to the vehicle manufacturers torque specifications.
6. Reconnect the vacuum line to the regulator. Reconnect the negative battery cable to the battery terminal.
7. Turn the ignition switch on, but do not operate the starter. After the fuel pump has run for approximately two seconds, the fuel pressure in the fuel line will rise. Repeat this two or three times, then check for any possible fuel leaks.
8. Adjust the fuel pressure to the desired setting (turn clockwise to raise fuel pressure) using a 5/32" hex key and secure this setting, tightening the jam nut against the regulator cover.

TOOLS REQUIRED:

- Metric and standard hex key set (Allen wrenches)
- Pneumatic cutoff wheel or fine tooth hacksaw
- 1/2" wrench

TOOLS RECOMMENDED:

- Blue loctite 247
- High quality/high pressure fuel pressure gauge



INSTALLATION INSTRUCTIONS

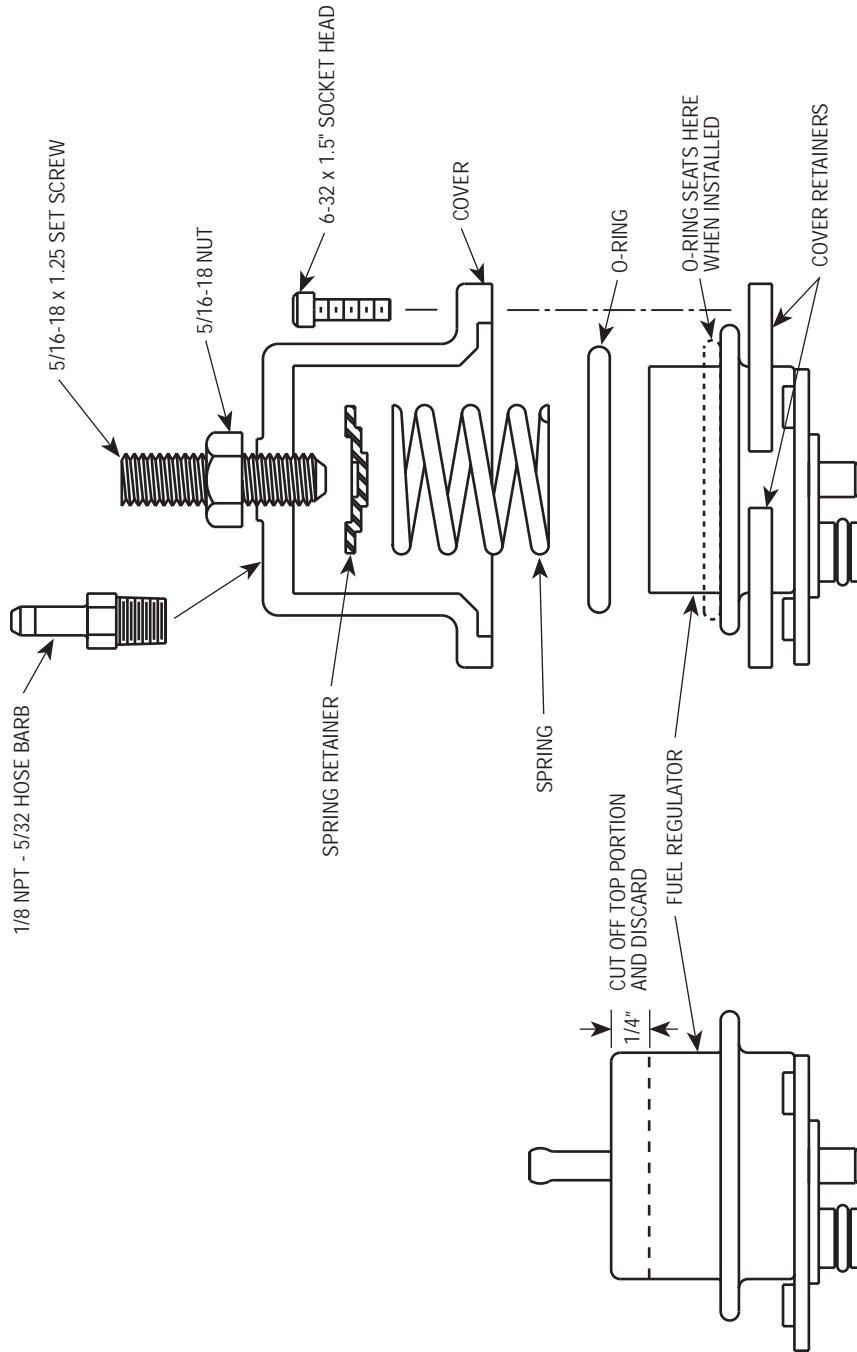


Fig. 1

