



Fuel Pressure Regulators

This sheet refers to the following types
2800-4401, 2800-4411, 2800-6401, 2800-6411, 2800-6402, 2800-6412.

Caution!

Automotive fuel injection systems utilize fuel pressures as high as 120 Psi. Installation of this product **MUST** be carried out by persons knowledgeable with correct procedures, for the repair and maintenance of these systems.

There will be a correct procedure for relieving fuel pressure before dismantling. Consult injection system manual before loosening or removing any fuel lines or fittings. Fuel spillage may occur, take adequate precautions against fire hazard.

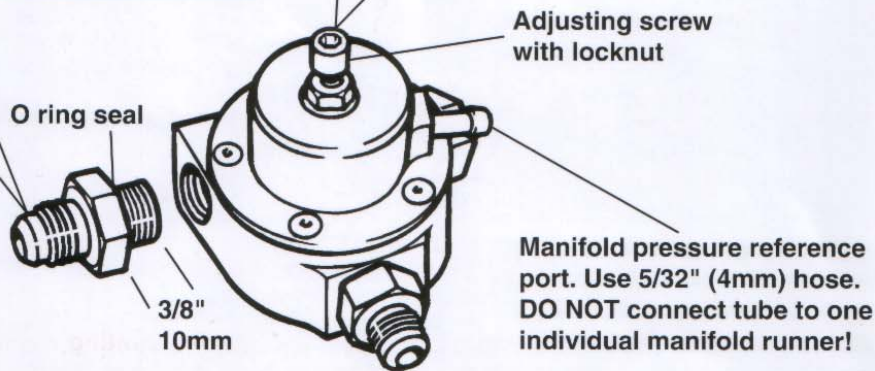
These adjustable fuel pressure regulators are intended for use with TWM competition fuel injection systems which are legal for off highway and racing use only.

Do not attempt to dismantle regulator. It will be impossible to re-assemble it correctly and will void any warranty.

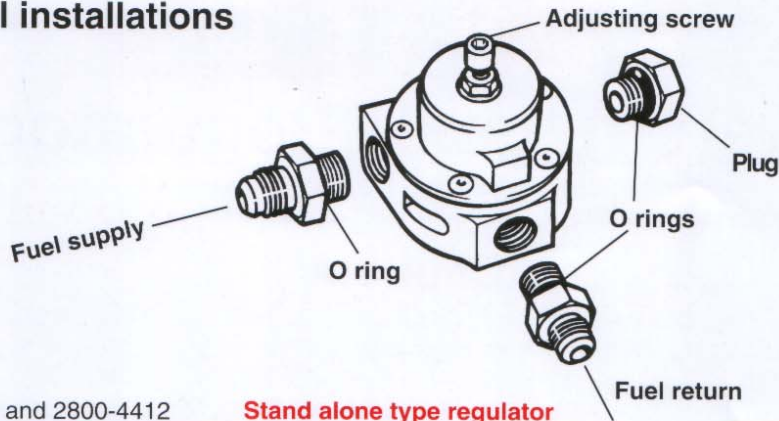
1. A-N fittings are used in TWM Fuel Pressure Regulators.

The fitting that screws into the regulator body for either fuel supply or return line employs a straight 9/16"-18 thread with an O ring seal. This type of thread and O ring combination is often referred to as a "pump fitting". If replacement of this fitting is required, a thread length of no more than 3/8" (10mm) should be used.

2. **Adjustment of fuel pressure** may be carried out by loosening the locknut on the adjusting screw and turning the screw in or out to achieve the desired pressure. If using the type of regulator which references manifold pressure, adjustments should be made with the reference hose disconnected. Fuel pressure under normal operation, with reference hose connected, should be observed and adjustments made accordingly.



Typical installations

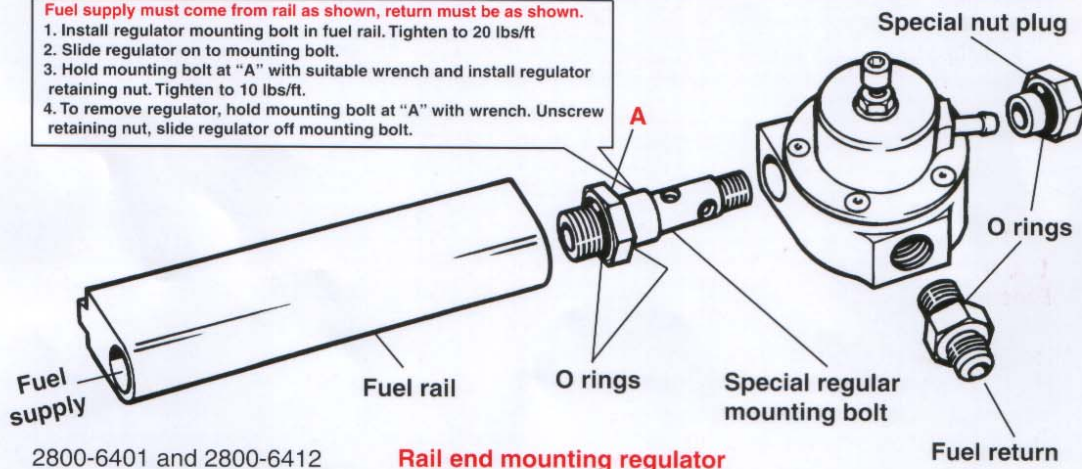


2800-4401 and 2800-4412

Stand alone type regulator

Fuel supply must come from rail as shown, return must be as shown.

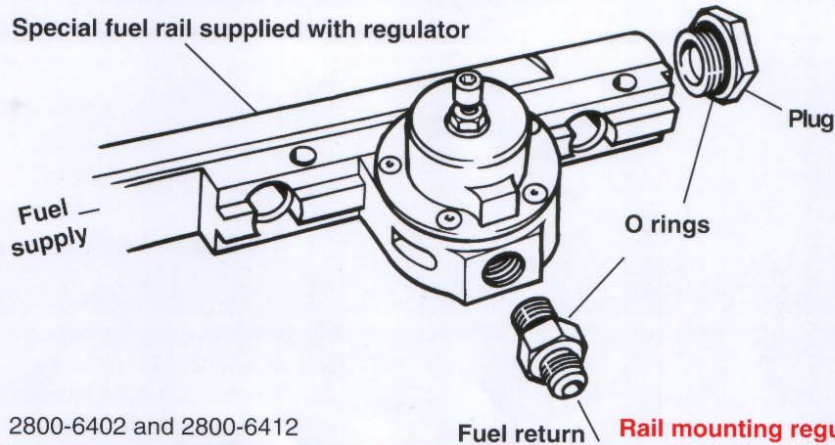
1. Install regulator mounting bolt in fuel rail. Tighten to 20 lbs/ft
2. Slide regulator on to mounting bolt.
3. Hold mounting bolt at "A" with suitable wrench and install regulator retaining nut. Tighten to 10 lbs/ft.
4. To remove regulator, hold mounting bolt at "A" with wrench. Unscrew retaining nut, slide regulator off mounting bolt.



2800-6401 and 2800-6412

Rail end mounting regulator

Special fuel rail supplied with regulator



2800-6402 and 2800-6412

Rail mounting regulator

Do not attempt to dismantle this product. In the event that service is required, return it with your name and address to:-TWM Induction 325D Rutherford St, Goleta, CA 93117. USA