

# INSTALLATION INSTRUCTIONS FOR ADJUSTABLE FUEL PRESSURE REGULATOR

1. Install when engine is cold. Use a fuel pressure gauge to check stock fuel pressure first.
2. Remove gas cap during installation to relieve pressure and install regulator with 1/2 tank of gas or less.
3. Pull the fuel pump fuse from the fuse block. Now try to start the motor. IT WON'T RUN. What you are doing, is letting the fuel pressure drop so that you won't spill as much fuel when you take the regulator cover off.
4. Disconnect the battery.
5. Remove the four bolts that hold the throttle assembly to the plenum. (NOTE THE GASKET BETWEEN)
6. On the rear of the plenum, there are several vacuum connections. The power brake line on the left rear of plenum, must be removed as well as the two smaller vacuum lines on the right rear.
7. There are a total of 6 fasteners that hold the plenum to the intake runners. Remove these. With a soft hammer, tap on the plenum until it is loose. As you lift the plenum up, you will see an electrical connector. Disconnect it. Set the plenum aside.
8. You are now ready to remove the fuel pressure regulator cover. There is going to be some fuel pressure present and you will spill some gas so be careful! There are six special torx that hold the lid to the body. Loosen these evenly with the tool bit we've supplied and remove the cover; you will see a spring and a diaphragm. Make sure these stay clean. We have provided you with a billet cover, special torx, and a disc that goes inside the cover first. Make sure nothing binds and start all six torx and tighten them evenly.
9. Now you should be ready to reassemble your T.P.I.; reverse steps numbers 1-8.
10. Once you have everything together, turn on the ignition and have somebody watch for fuel leaks. If there are none, you are ready to start the car.
11. Fuel pressure must be set with the regulator vacuum hose removed. Connect your Fuel Pressure Gauge, and set the pressure by tightening the adjustment nut finger tight plus one turn. Suggested settings are 38-42 pounds for '85 thru '87 T.P.I. engines, and 38-42 pounds for '88 thru '90 T.P.I. engines.  
Modified engines may take more pressure. You'll have to experiment for the best results.

