

# **Installation Instructions for 159111 Fuel Pressure Regulator**

**Caution: The installation of this product should be performed by a person knowledgeable in the repair and modification of a fuel delivery system.**

1. Read all of the instructions before beginning the installation.
2. With the ignition off and the battery disconnected, relieve any residual fuel system pressure.
3. Place a catch pan beneath or shop towels around the regulator to catch any fuel that may be spilled during the installation.
4. Locate a suitable location to mount the regulator inside of the engine compartment.
5. Do to the many possible mounting configurations a mounting bracket is not included and one must be fabricated for your particular application.
6. Attach your fabricated mounting bracket to the regulator using the supplied #8-32 x 1/2" fastener hardware.
7. Remove the plastic 3/8" NPT plugs from the inlet and both outlets on the regulator.
8. Attach the fuel supply line to the carburetor(s) using one(1) -10AN port fitting (not included) and a liquid Teflon thread sealant (not included) to the port at the end of the regulator.
9. Attach the feed line(s) to the carburetor(s) using 3/8" NPT fittings (not included) and a liquid Teflon thread sealant (not included) to the ports at either side of each regulator.
10. Install a 3/8" NPT plug (not included) in the open outlet port(s) with liquid Teflon thread sealant (not included) if both sides are not utilized in this installation.
11. Tighten all connections.
12. Install a fuel pressure gauge by removing the 1/8" NPT pipe plug from the side of the regulator. Be sure to use liquid Teflon thread sealant (not included) on the gauge fitting.
13. Reconnect the battery and turn the key to the on position. Check for leaks and re-tighten if necessary.
14. Start the vehicle and adjust the fuel pressure by loosening the locknut and rotating the allen head set screw located at the top of the regulator.
15. Once the correct pressure is established tighten the locknut while holding the allen head set screw in place.
16. Remove and properly dispose of the fuel accumulated in the catch pan or shop towels during installation.

Maximum Inlet Pressure: 20 PSI

Inlet Port: One(1) -10AN

Outlet Pressure: 5-12 PSI

Outlet Ports: Four(4) 3/8" NPT

Pressure Taps: Four(4) 1/8" NPT

## **Possible Regulator Configurations:**

Two(2) Single or Duel Feed Carburetors.

One(1) Single or Duel Feed Carburetor and One(1) or Two(2) Nitrous Fuel Solenoids.



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