

## **Installation Instructions for PRP-3005**

### **Fuel Pressure Regulator with Return**

**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. Using the supplied mounting bracket as a template, mark the mounting bracket holes. Using a 1/4" bit, drill 2 holes for the supplied 1/4"-20 bolts, lock washers and nuts.
6. Attach the bracket to the regulator using the supplied hardware.
7. Remove the 3/8" NPT plugs from the inlet, both outlets and return on the regulator.
8. Attach the fuel supply line to from the fuel tank using 3/8"NPT fittings (not included) and a liquid Teflon thread sealant to the port at the front of the regulator marked "IN".
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 the regulator.
10. Install a 3/8" NPT plug (not included) in the open outlet port with liquid Teflon thread sealant (not included) if both sides are not utilized in this installation.
11. Attach the return line to the fuel tank to using 3/8"NPT fittings (not included) and a liquid Teflon thread sealant (not included) to the port at the bottom of the regulator marked "RETURN".
12. Tighten all connections.
13. Install a fuel pressure gauge by removing the 1/8"NPT pipe plug from the back of the regulator. Be sure to use liquid Teflon thread sealant (not included) on the gauge fitting.
14. Reconnect the battery and turn the key to the on position. Check for leaks and re-tighten if necessary.
15. 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.
16. Once the correct pressure is established tighten the locknut while holding the allen head set screw in place.
17. Remove and properly dispose of the fuel accumulated in the catch pan or shop towels during installation.

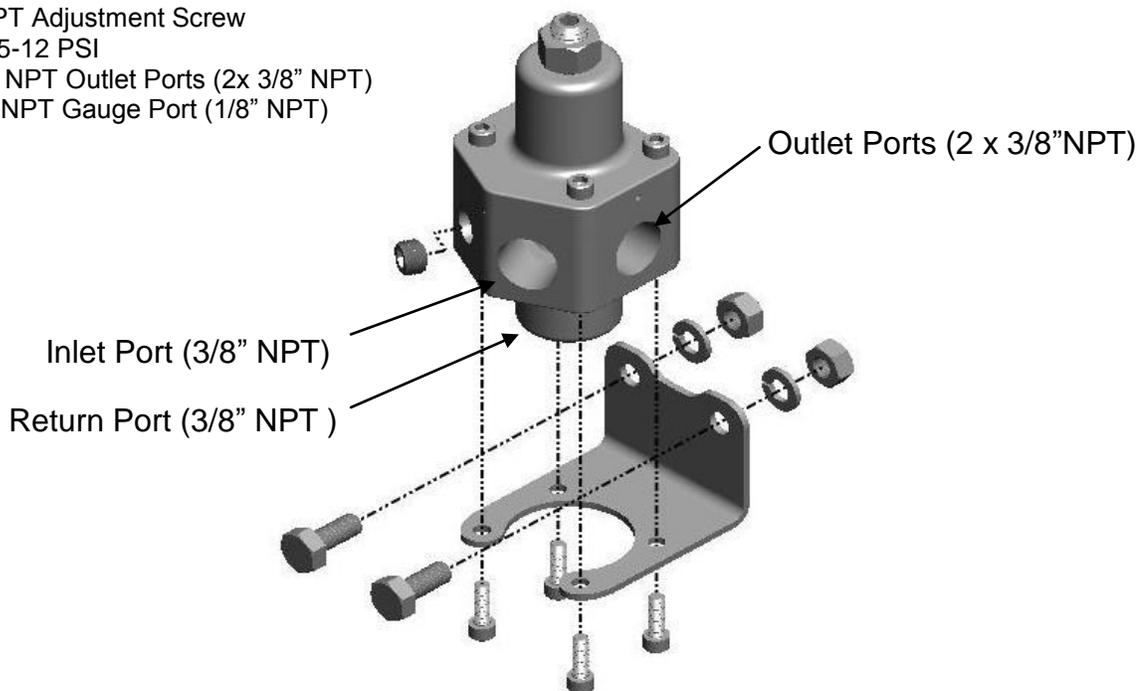
Maximum Inlet Pressure: 20 PSI

Inlet Port: 3/8" NPT Adjustment Screw

Outlet Pressure: 5-12 PSI

Outlet Ports: 3/8" NPT Outlet Ports (2x 3/8" NPT)

Return Port: 3/8" NPT Gauge Port (1/8" NPT)



**215-969-3550**

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