

Installation Instructions for 159116

Fuel Pressure Regulator – For use with Alcohol

with 1/2" NPT Inlet and 3/8" NPT Outlets

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 plugs from the inlet and both outlets on the regulator.
8. Attach the fuel supply line from the tank to the regulator using a 1/2" NPT fitting (not included) to the port at the bottom of the regulator marked "IN".
9. Attach the feed line(s) to the carburetor(s) using a 3/8" NPT fitting(s) (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 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: 1/2" NPT
 Outlet Pressure: 5-12 PSI
 Outlet Ports: 3/8" NPT

Required Fittings

Inlet:

555-110109 1/2" NPT x -8AN Hose
 555-110110 1/2" NPT x -10AN Hose
 555-110111 1/2" NPT x -12AN Hose

Outlet:

555-110106 3/8" NPT x -6AN Hose
 555-110107 3/8" NPT x -8AN Hose
 555-110108 3/8" NPT x -10AN Hose

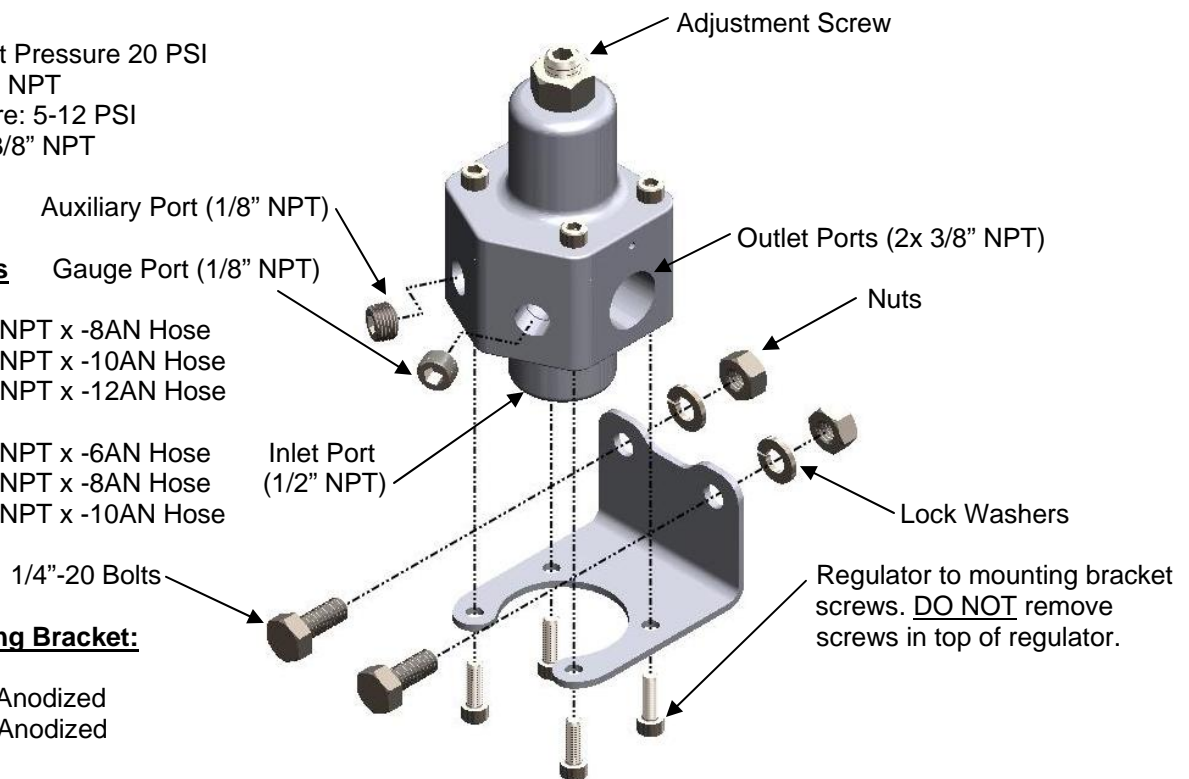
Optional Mounting Bracket:

4150

555-15283 Clear Anodized
 555-15288 Black Anodized

4500

555-15293 Clear Anodized
 555-15298 Black Anodized



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