



HOLLEY BILLET FUEL PRESSURE REGULATORS

P/N 12-840 & 12-843

Installation Instructions 199R10574

WARNING! These instructions must be read and fully understood before beginning the installation. Failure to follow these instructions may result in poor performance, vehicle damage, personal injury, or death. If these instructions are not fully understood, installation should not be attempted.

APPLICATIONS:

P/N	DESCRIPTION	PRESSURE RANGE	INLET/OUTLET SIZE	RETURN SIZE
12-840	Carbureted Billet FP Regulator, Adjustable	4.5 to 9 PSI	3/8" NPT	N/A
12-843	Carbureted Billet FP Regulator, Adjustable	4.5 to 9 PSI	10AN O-ring in (2) 8AN O-ring out	N/A

INTRODUCTION:

Congratulations on your purchase of the Holley Regulator! Holley Performance Products cannot and will not be responsible for any alleged or actual engine or other damage, or other conditions resulting from misapplication of the parts described herein. However, it is our intent to provide the best possible products for our customer; products that perform properly and satisfy your expectations. Should you have any questions, please call Tech Support at 1-866-GOHOLLEY, M-F, 8-6 CST & Sat. 9-3 CST. Please have the part number on hand of the product when you call.

NOTE: Part number 12-840 utilizes 3/8" NPT inlets and outlets. Teflon paste is recommended on these applications. The 12-843 utilizes AN O-ring inlets and outlets and does not require and sealer on the threads. Both regulators have a 1/8NPT gauge port in the side of the regulator.

INSTALLATION:

1. Using the bracket supplied with the regulator, position the regulator as close to the carburetor as possible, taking care to minimize the exposure to heat sources. **DO NOT** mount the regulator on the exhaust manifold or any extremely hot surface.
2. The above regulators have two discharge (out) ports and one gauge port (see chart above for fitting sizes). In dual carburetor installations, one port can feed each carburetor. With a single feed carburetor, plug one port and feed the carburetor from the other. With a dual feed carburetor, one outlet can feed each side of the carburetor or one outlet can be plugged and feed a fuel log with the other. Either may be used. (See Figure 2 for plumbing recommendations.)

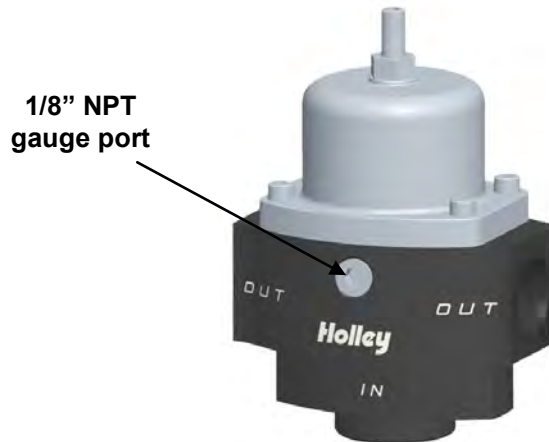


Figure 1

3. Connect the fuel line from the “out” side of the pump to the “in” side or bottom of the regulator. (Figure 1) All fuel line connections must be leakproof.

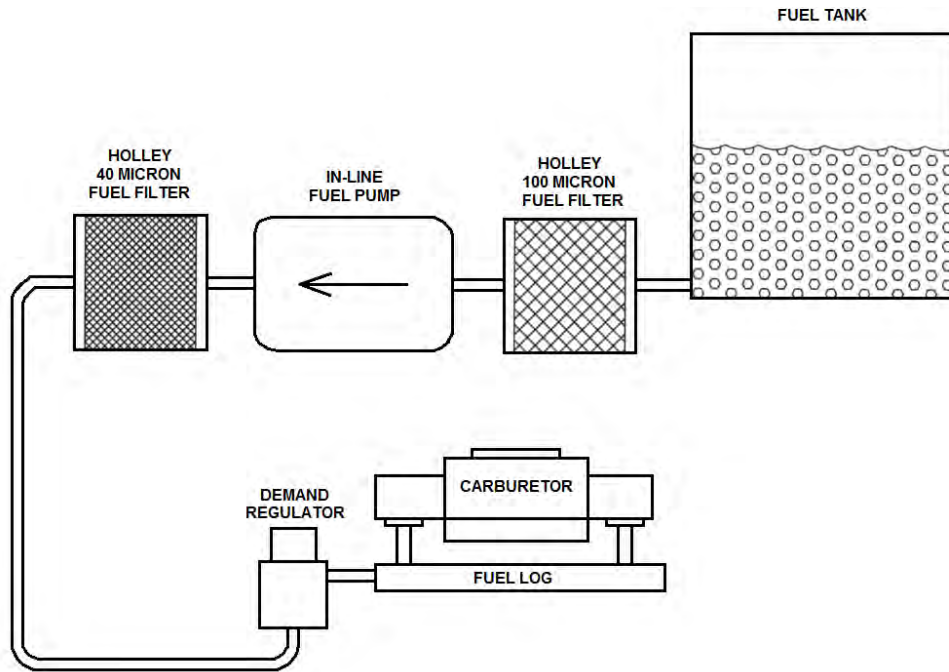


Figure 2a

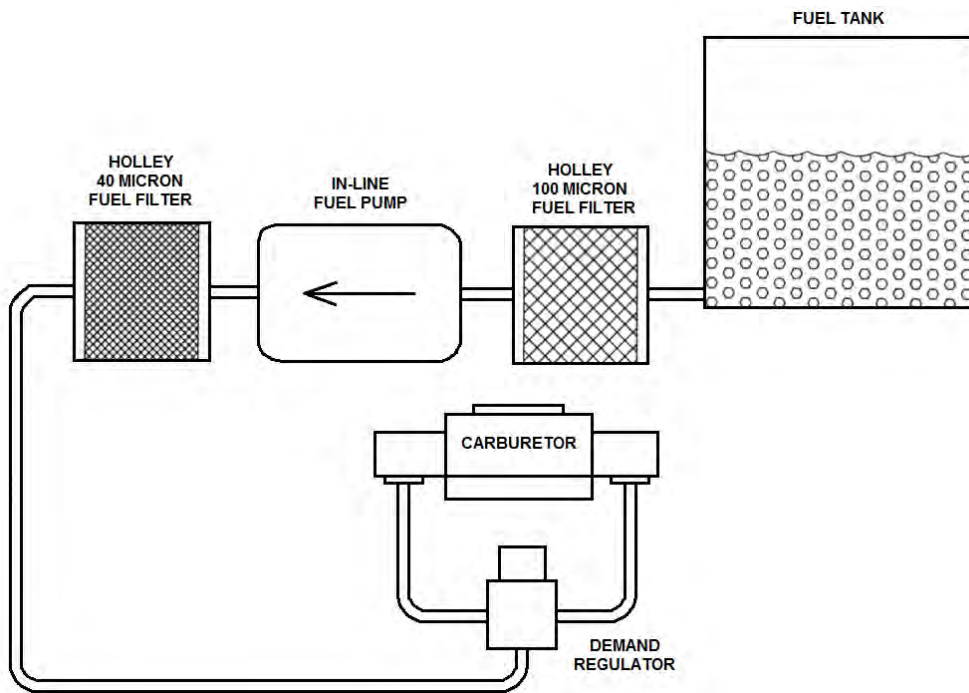


Figure 2b

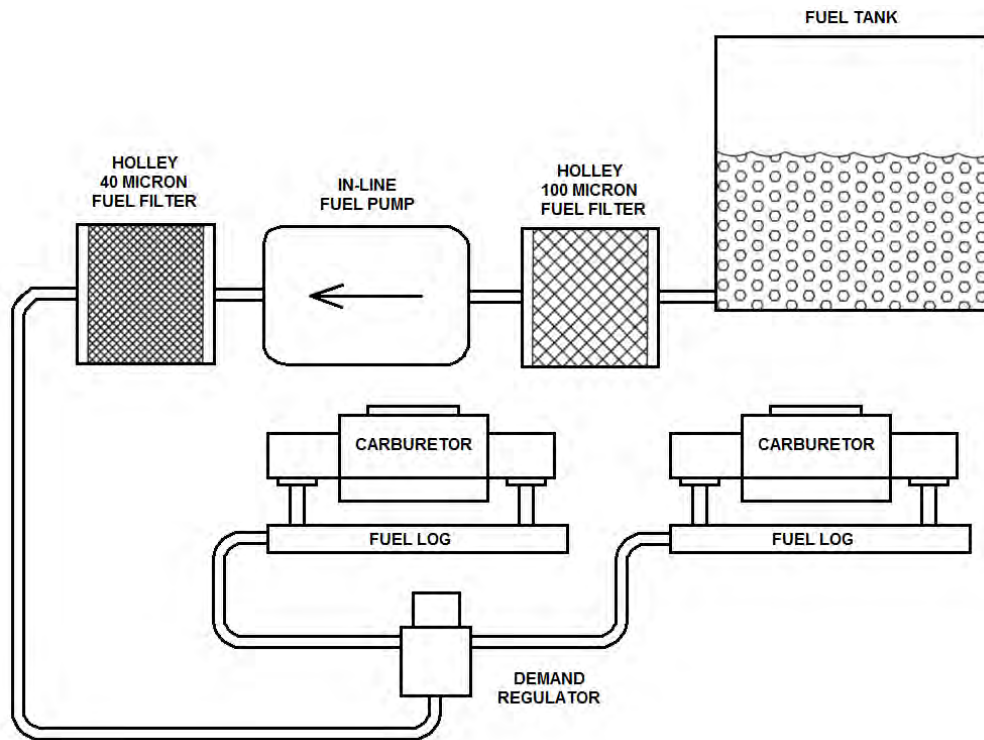


Figure 2c

4. Connect the outlets of the regulator per Figure 2a, 2b, or 2c.
5. The regulator comes from Holley with the regulator pressure preset to 7PSI. However, for individual requirements, it may be readjusted. Loosening the regulator locknut and turning the adjustment screw clockwise increases the pressure. Decrease pressure by turning the adjustment screw counter-clockwise. Use a fuel pressure gauge to monitor changes.

WARNING! TURNING THE ADJUSTMENT SCREW ALL THE WAY IN WILL RESULT IN EXCESSIVE FUEL PRESSURE AND CAUSE THE CARBURETOR TO FLOOD. A FLOODED CARBURETOR CAN CAUSE A FIRE AND/OR EXPLOSION RESULTING IN PROPERTY DAMAGE, SERIOUS INJURY, AND/OR DEATH. ALWAYS USE A FUEL PRESSURE GAUGE BETWEEN THE REGULATOR AND THE CARBURETOR(S) WHEN ADJUSTING THE FUEL PRESSURE REGULATOR.

NOTE: Any change made in fuel pressure will change the fuel bowl float level. A readjustment in fuel bowl levels will be required for proper and safe operation of the carburetor.

SERVICE PARTS AND ACCESSORIES:

ITEM	PART NUMBER
0-15 PSI Fuel Pressure Gauge (non-liquid filled) 1-1/2" Dia. 1/8" NPT	26-500
0-15 PSI Electric Fuel Pressure Gauge (dash mount)	26-503
0-15 PSI Fuel Pressure Gauge (liquid filled) 1-1/2" Dia. 1/8" NPT	26-504
90° Elbow for Attachment to Holley Fuel Line	26-69
-10AN male to -10AN O-Ring port adapter	985010ERL
-8AN male to -10AN O-Ring port adapter	985081ERL
-6AN male to -8AN O-Ring port adapter	985068ERL
-8AN male to -8AN O-Ring port adapter	985008ERL
-10AN male to -8AN O-Ring port adapter	985009ERL

**Holley Performance Products
1801 Russellville Road
Bowling Green, KY 42101
Technical Service: 1-866-GOHOLLEY
Phone: 1-270-781-9741
Fax: 1-270-781-9772**

**199R10574
Date: 3-14-11**