



HOLLEY REGULATOR

P/N 12-892 & 12-893

Installation Instructions 199R12017

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.

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 1-866-464-6553, M-F, 8-6 CST & Sat. 9-3 CST. Please have the part number on hand of the product when you call.

SPECIFICATIONS:

1. The regulator is preset to 4 Bar (59.5 PSI) and is non-adjustable.
2. This regulator assembly has (x3) inlet/outlet ports and one return port.
3. Additional plugs have been included for plugging unused ports.

NOTE: The orientation of the cap can be changed by removing the (x4) screws and lock washers and rotating the cap to the desired orientation before reassembly. Be sure to keep the regulator free from debris prior to reinstalling the cap. Torque the (x4) screws to 20 in./lbs.

INSTALLATION:

1. Holley recommends placing the regulator after the fuel rails (or TBI), if possible. Position the regulator as close to the fuel rail (or TBI) as possible, taking care to minimize the exposure to heat sources. DO NOT mount the regulator on the exhaust manifold or any extremely hot surfaces.

NOTE: Regulator return must connect to fuel tank for proper function. Failure to do so may cause system damage.

2. The return style regulators have three inlet/outlet ports and one return port. See **Figure 1**.
3. If installing prior to the TBI, connect the fuel line from the "out" side of the pump to the "in" side of the regulator (**Figure 1**). All fuel line connections must be leakproof. Supplied plug must be installed in any unused inlet/outlet port.

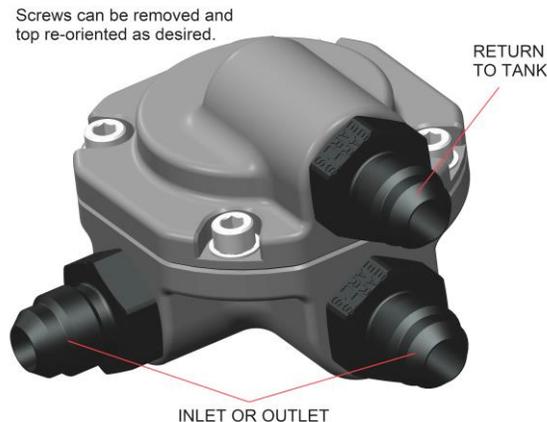


Figure 1

NOTE: Avoid unnecessary restrictions, such as sharp bends and undersized fuel fittings and hoses. Avoid routing fuel lines in areas that would cause chafing. All fuel line connections must be leak proof.

WARNING! IF SPLICING INTO EXISTING FUEL LINES, USE EXTREME CARE TO AVOID CONTAMINATING THE LINE WITH RUBBER OR METAL SHAVINGS, AS THIS WILL DAMAGE THE PUMP. IF THE FUEL LINE HAS BEEN CUT, IT IS ESSENTIAL THAT IT BE CLEANED TO ENSURE THAT NO METAL OR RUBBER PARTICLES ENTER THE FUEL SYSTEM. THIS IS PERFORMED BY BLOWING THE LINE CLEAN WITH COMPRESSED AIR. HOLLEY DOES NOT RECOMMEND THE PROCEDURE WHERE THE COIL WIRE IS DISCONNECTED, THE ENGINE IS CRANKED, AND THE FUEL IS COLLECTED IN A CONTAINER. SPARKING CAN OCCUR DURING THIS PROCEDURE, WHICH MAY RESULT IN A FIRE AND/OR EXPLOSION.

4. Connect the outlet of the regulator to the TBI unit (if the regulator is installed before the TBI unit – **Figure 2a**). If the regulator is installed after the TBI unit (**Figure 2b**) or EFI (**Figure 2c**), the outlet needs to be plugged.

CAUTION! While performing the following steps, if any fuel leaks are detected, immediately turn the fuel pump OFF, remove any spilled fuel, and repair the leak(s) before proceeding!

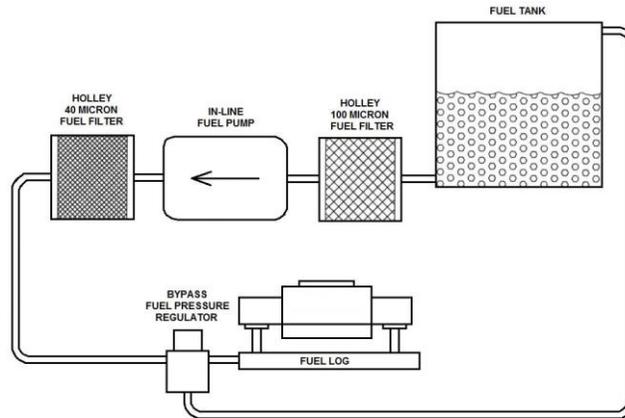


Figure 2a (TBI Unit Only)

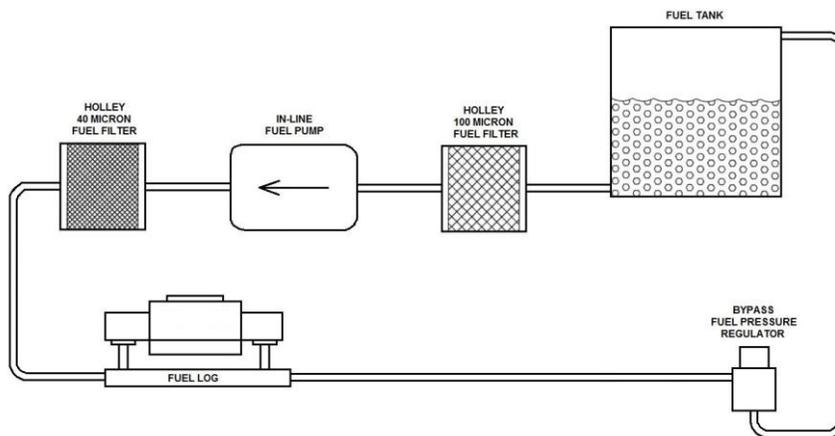


Figure 2b (TBI Unit Only) – additional plug needed

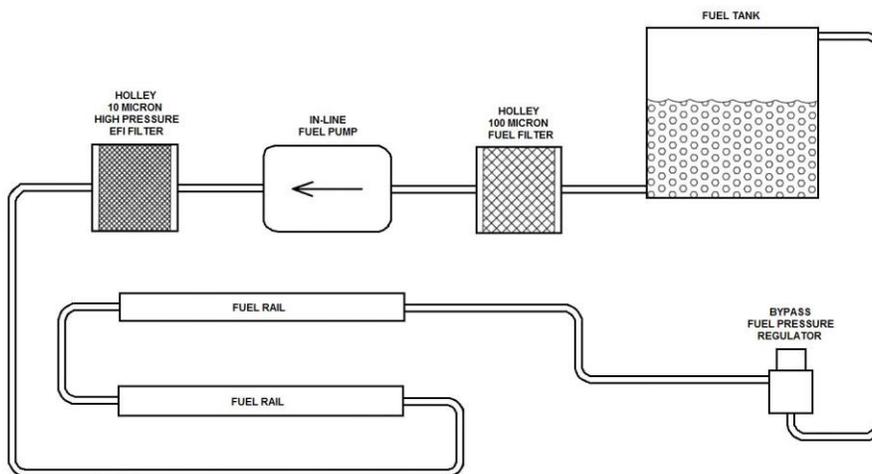


Figure 2c (EFI Only) – additional plug needed

5. Turn the fuel pump ON **without starting the engine by turning the ignition key to the “ON” position**, allow the pump to run for several seconds and check the fuel pressure gauge (if applicable). If there is no pressure, turn the fuel pump OFF, wait one minute, then turn the fuel pump ON and recheck the pressure. Repeat this fuel pump OFF and ON procedure until the fuel pressure gauge registers pressure or you detect a fuel leak.
6. Test drive the vehicle to ensure proper operation and re-check the fuel system for leaks.
7. **If any leaks are found, immediately discontinue use of the vehicle and repair the leak(s)!**