



## Regulator Replacement Kit for Snipers and Filter Regulators

P/N 12-878

### Installation Instructions 199R11015

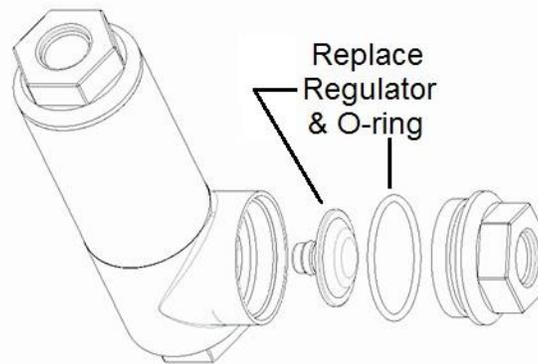
**WARNING!** These instructions must be read and fully understood before beginning the installation. Failure to follow these instructions may result in poor performance, vehicle damage, personal injury, or death. If these instructions are not fully understood, installation should not be attempted.

#### INTRODUCTION:

Congratulations on your purchase of the Holley Regulator Rebuild Kit! 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.

#### Filter Regulator Instructions

1. Remove the existing fuel return line. Remove the return line outlet fitting to expose the regulator as seen in the diagram below.
2. Pry out the regulator with a small flat blade screwdriver. Pry from alternate sides until removed.
3. Install the new regulator by pressing on the perimeter flange only until it bottoms in the housing.
4. Replace the O-ring on the return fitting and torque to 350-400 in./lbs. (Use the smaller of the two O-rings provided in the kit, the other will not be used.)



**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!

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. It may be necessary to loosen the fuel line fitting at the pressure regulator to bleed off excessive air in the system. Tighten any fuel line fittings that were loosened and ensure that any spilled fuel is cleaned up and removed from the vicinity of the vehicle.
7. Test drive the vehicle to ensure proper operation and re-check the fuel system for leaks.
8. **If any leaks are found, immediately discontinue use of the vehicle and repair the leak(s)!**

## **Sniper Instructions**

1. Locate the regulator cover on your throttle body unit. 4150, 2300, BBD, and 2GC units will have covers like the one shown in the photo on the left below. Autolite 1100 models will have a cover like the one shown in the photo on the right below. Be sure to note the orientation of the regulator cover.



2. Remove the return line from the AN fitting on the cover (if applicable).
3. Remove the four fasteners on the perimeter of the cover that retain the cover to the unit. At this point, the regulator should be visible.
4. Pry out the regulator with a small flat blade screwdriver. Pry from alternate sides until removed.
5. Install the new regulator by pressing on the perimeter flange only until it bottoms in the housing. Lubricate the regulator O-ring to ease installation.

**WARNING -- DO NOT PRESS ON THE CENTER OF THE REGULATOR, THIS WILL RESULT IN DAMAGE!**

6. Replace the O-ring gasket that seals the cover the unit. For the 4150, 2300, BBD, and 2GC models, use the larger O-ring supplied in the kit. For the Autolite 1100, the smaller O-ring must be used.

*(Note: For prolonged O-ring life, it is recommended that you lubricate the O-ring prior to installation with a silicone-based grease or oil.)*

7. Re-install the four fasteners to retain the cover to the unit. Apply one drop of blue thread locker to the threads of each fastener. Torque fasteners to 15-10 in-lbs.
8. Reinstall return line (if applicable).

## **Billet Regulator Instructions**

1. Uninstall the cover from the regulator body by removing the four fasteners on the perimeter. At this point, the regulator should be visible.
2. Pry out the regulator with a small flat blade screwdriver. Pry from alternate sides until removed.
3. Install the new regulator by pressing on the perimeter flange only until it bottoms in the housing. Lubricate the regulator O-ring to ease installation.

**WARNING -- DO NOT PRESS ON THE CENTER OF THE REGULATOR, THIS WILL RESULT IN DAMAGE!**

4. Replace the O-ring gasket that seals the cover the unit. Use the smallest of the three O-rings supplied in the kit.

*(Note: For prolonged O-ring life, it is recommended that you lubricate the O-ring prior to installation with a silicone-based grease or oil.)*

5. Re-install the four fasteners to retain the cover to the unit. Apply one drop of blue thread locker to the threads of each fastener. Torque fasteners to 15-10 in-lbs.

**Holley Performance Products**  
**Technical Service: 1-866-464-6553**  
**Phone: 1-270-781-9741**

© 2016 Holley Performance Products, Inc. All rights reserved. Tous Droits Réservés.

**199R11015**

**Revision Date: 1-12-21**