

## INSTALLATION INSTRUCTIONS

### Adjustable Fuel Pressure Regulator Kit for the Chevrolet LT1 Engine

Kit consists of:

- 1 - Housing
- 1 - Adjustment/Vacuum Fitting & Jam Nut
- 1 - Spring Retainer
- 1 - "O-Ring"
- 2 - Half Moon Caps
- 6 - Socket Head Cap Screws #4-40 x 3/8" Long

**Step 1:** With the ignition switch in the 'off' position and battery ground disconnected, remove the existing fuel pressure regulator from the fuel rail, on the right hand side of the engine.

**Step 2:** Clean regulator with a non-flammable liquid to remove, any fuel that may be present, and dry thoroughly.

**Step 3:** Remove the existing housing from the regulator by filing the outer edge of the flange illustrated in Figure #1. Prior to complete removal of this housing caution must be taken. This housing is under a light spring pressure and once this housing is removed an internal spring may fall out. **Do not** discard this spring - you will need it later in the assembly process.

**Step 4:** Place the spring retainer and spring into the new housing supplied, as illustrated in Figure #2.

**Step 5:** Place the "O-Ring" onto the altered pressure regulator, as illustrated in Figure #3.

**Step 6:** Place the altered fuel pressure regulator onto the housing and spring compressing the spring, until the regulator is setting into the recessed bore of the housing. Hold this assembly in-place while inserting fasteners through the half moon cap's and threading them into the tapped hole's in the housing, as illustrated in Figure #4.

**Step 7:** Pressure regulator is now ready for re-installation onto fuel rail.

NOTE: When the adjuster is free from spring pressure, the fuel pressure setting is approximately 30 PSIG.

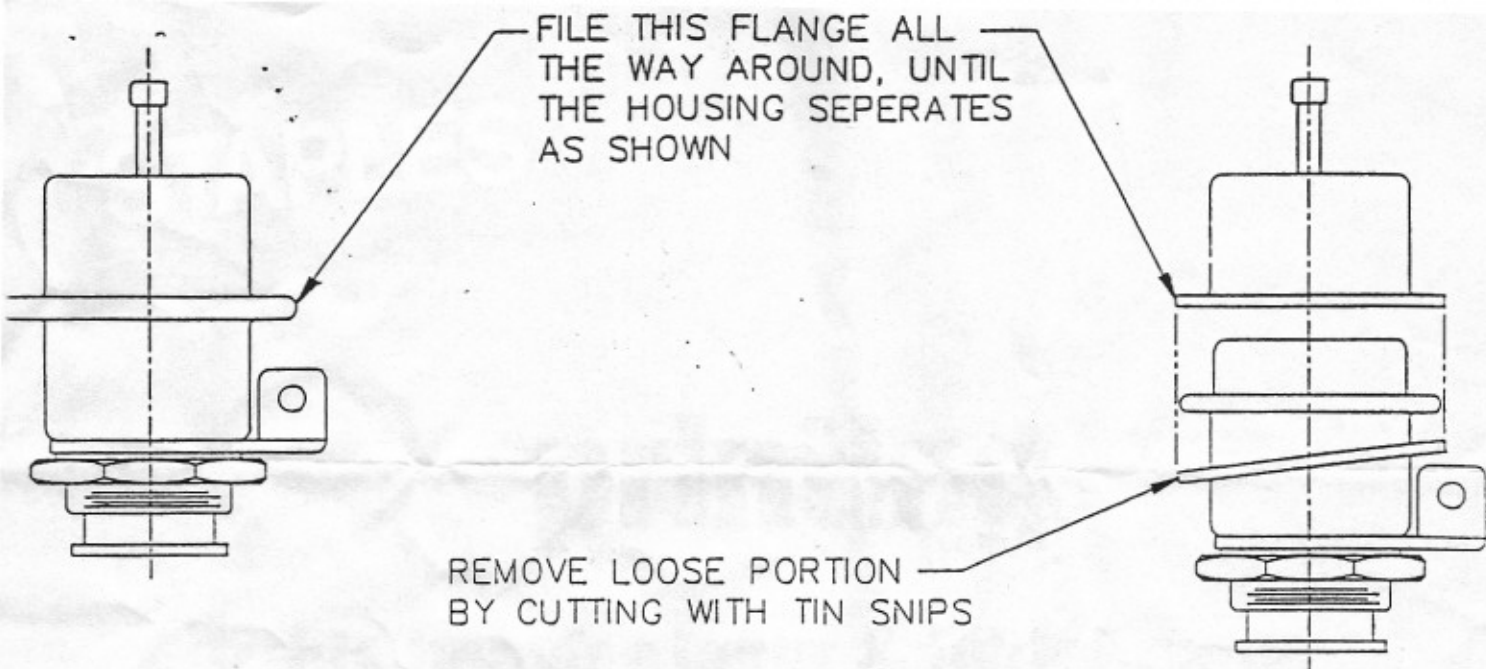


FIGURE #1

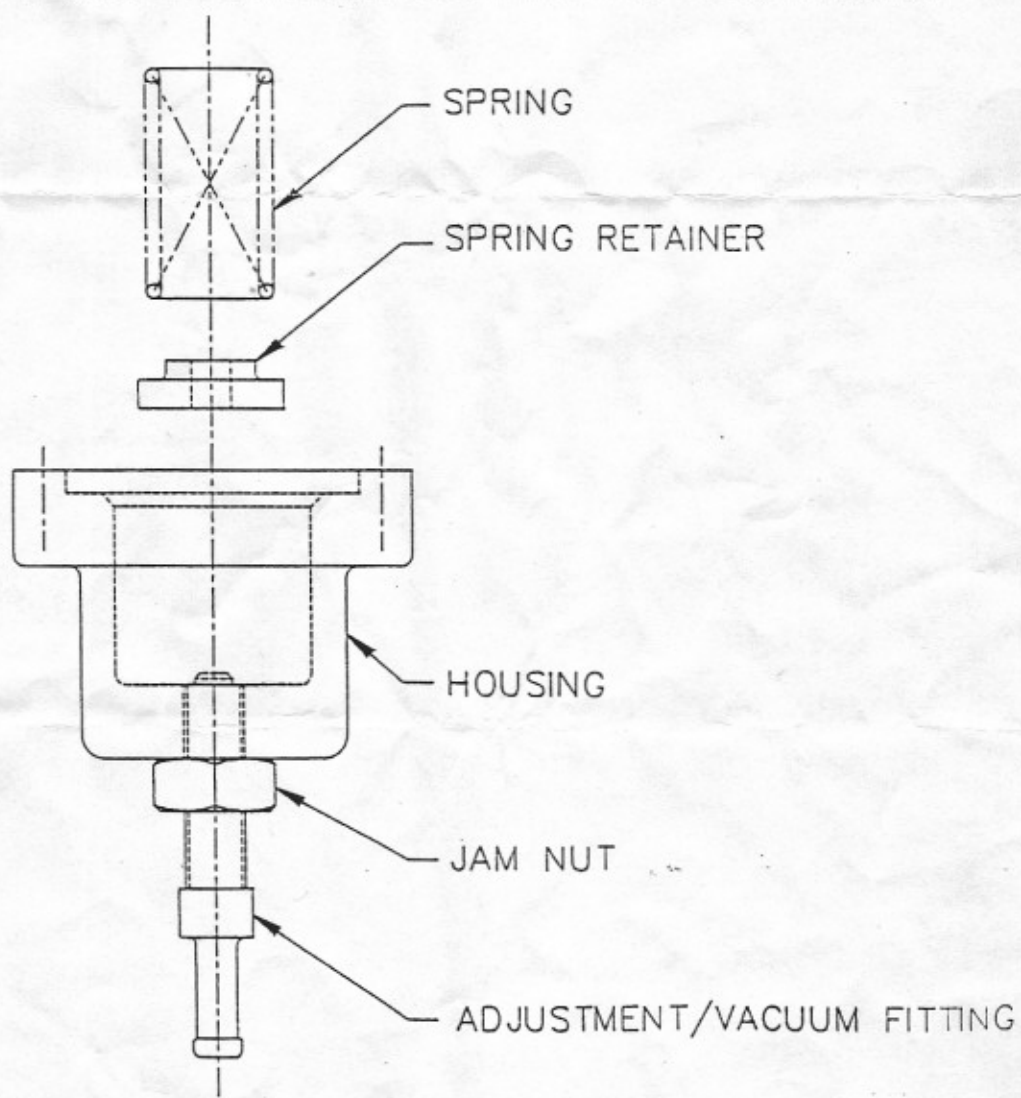


FIGURE #2

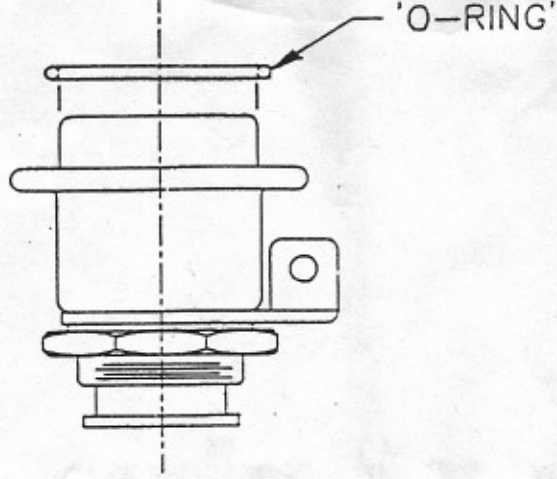
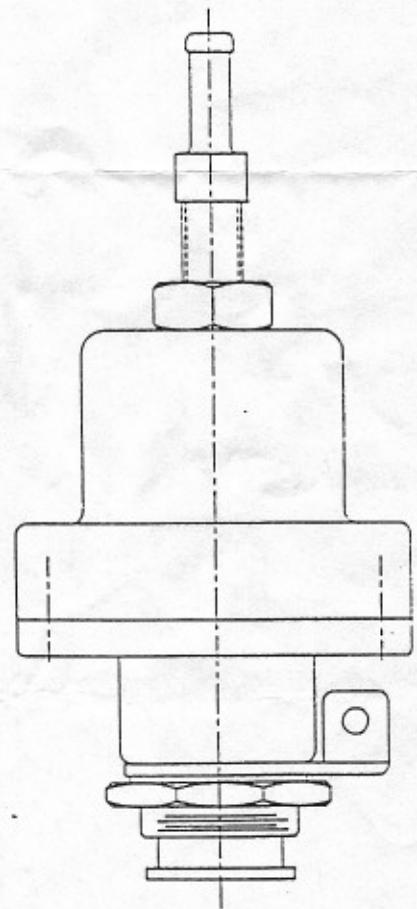
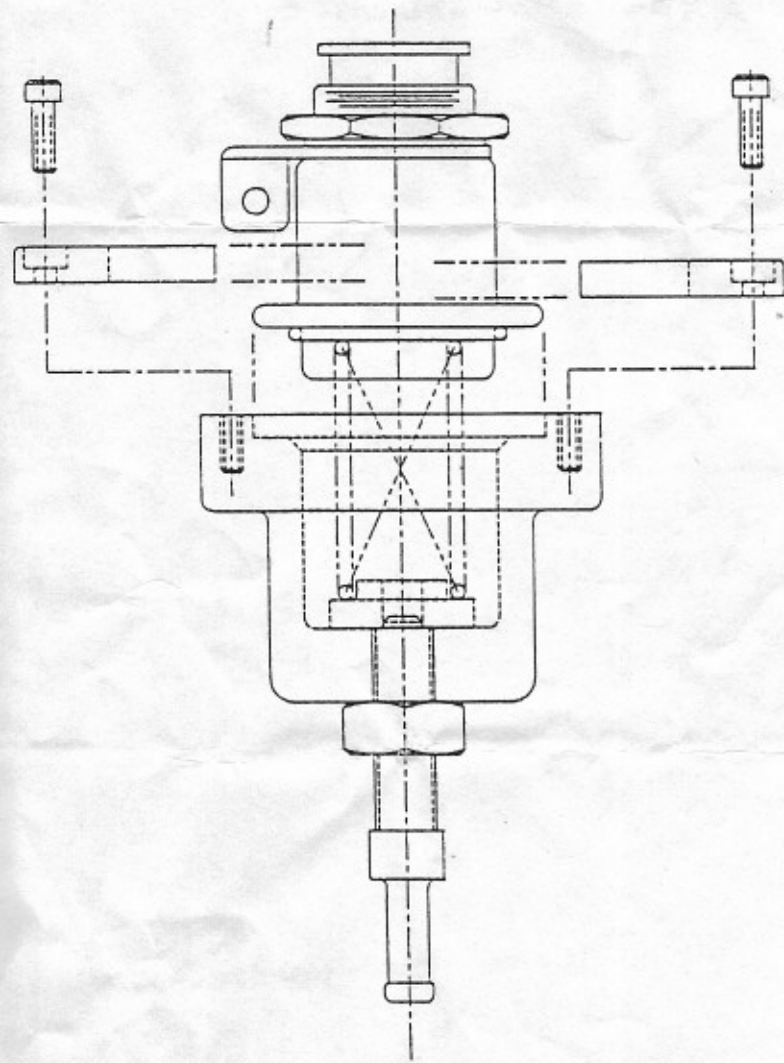


FIGURE #3



ASSEMBLED REGULATOR

FIGURE #4