

GM 4.3L (Vortec) Replacement Pressure Regulator Installation Instructions.



The following procedure is for replacing the OEM pressure regulator with the NEW CSFI regulator and adaptor kit from Linder Technical Services.

- ⌘ Remove the CPI unit from the vehicle. Take caution not to break the poppet protectors.
- ⌘ Place the CPI unit in a vise with the pressure regulator facing upwards. (FIGURE # 1)
- ⌘ Remove the 2 screws holding the regulator retainer. Remove the retainer. (FIGURE # 1)
- ⌘ Drill (enlarge) the regulator retainer screws holes using a 9/64 drill bit. Drill must go through the housing.
- ⌘ Clean off all powder that was caused from drilling. (FIGURE # 2)
- ⌘ It is recommended that you flatten the backside of the top hole by lightly holding it up to a grinder so that the nut has a flat mating surface. (FIGURE # 3)
- ⌘ Remove the old pressure regulator. (FIGURE # 4)
- ⌘ Install the LTS adapter with new style pressure regulator. (*regulator adapter and regulator with o-rings*) (FIGURE # 5)
- ⌘ Install the regulator to retainer adapter with stamped LTS facing outward. (FIGURE # 6)
- ⌘ Install the allen bolts and carefully tighten, *a small drop of thread lock is suggested.* (FIGURE # 7)
- ⌘ Fuel line o-rings are provided for re-installation .



***Any questions call Doug “The Injector Wizard”
1-317-487-9460 // 1-888-809-FUEL***

LTS CPI VORTEC REPAIR KIT

FIGURE # 1 REMOVE SCREWS AND RETAINER



FIGURE # 2 DRILL TWO 9/64 HOLES (THROUGH)



FIGURE # 3 GRIND FLAT SPOT



FIGURE 4 REMOVE OLD REGULATOR



FIGURE # 5 INSTALL LTS ADAPTER WITH REGULATOR

NOTE: NO VACUUM HOSE IS CONNECTED TO REGULATOR!



FIGURE # 6 INSTALL RETAINER WITH LTS OUTWARD.

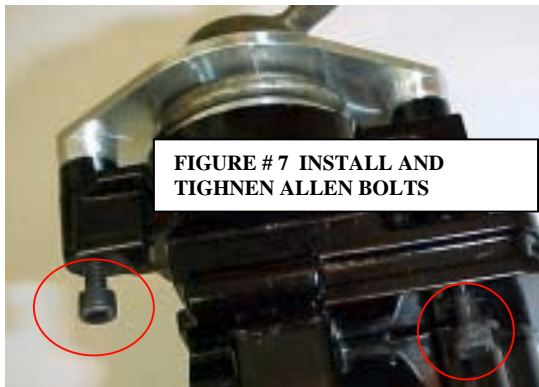


FIGURE # 7 INSTALL AND TIGHNEN ALLEN BOLTS

CPI NOTES !

- ⚡ **SYSTEM PRESSURE IS VERY CRITICAL ON THESE UNITS! SYSTEM MUST HAVE 58-60 PSI TO START AND RUN!**
- ⚡ **FUEL INLET AND RETURN LINES MAY LEAK INTERNALLY ! REPLACEMENT LINE KITS ARE AVAILABLE**
- ⚡ **CARBON PARTICLES IN THE EGR MAY ALSO CAUSE A PROBLEM. CARBON TRAP GASKETS ARE AVAILABLE.**