



## Golden Eagle Mfg. Fuel Rail Install

Thank you for your purchase of Golden Eagle Mfg. products for your high performance needs. You now own one of the best products on the market, all 100% made in the **USA!** We are very confident you will be more than pleased with your purchase. If you ever experience any problems, have any concerns or just want to give some advice, we would love to hear from you.

(909) 592 – 4311 or e-mail [sales@goldeneagleimg.com](mailto:sales@goldeneagleimg.com)

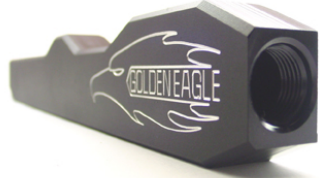
### **DO NOT SMOKE OR HAVE OPEN FLAME**

When doing the fuel rail install!!! Perform this install in a well ventilated area!

***! WARNING !*** We strongly suggest having a trained technician perform the fuel rail install. Do not attempt to perform this installation procedure if you are not very familiar with how the fuel system works. Incorrect disassembly or re-assembly of the fuel system could lead to extensive engine damage, fire or personal injury! Always have a shop manual on hand for reference when performing the fuel rail install.

Items this box should contain:

- Fuel rail
- Stock fuel line banjo fitting adapter
- Fuel rail plug
- (2) 1/8" NPT pipe plugs



Things you will need:

- 7/8 open end wrench
- 10 mm open end wrench
- 10 mm socket set w/ ratchet and extension
- Teflon tape

1. Disconnect the negative terminal from the battery and open the gas cap to relieve any pressure in the fuel system.
2. Remove the two 10mm nuts holding the injector wiring to the fuel rail.
3. Disconnect the fuel line from the fuel rail using a 7/8" wrench. Once the cap is off, do not lose the metal washers underneath.
4. Remove the three 10mm nuts holding the fuel rail to the intake manifold. These are located on the underside of the rail. Be careful not to drop any of the nuts.
5. The rail is now loose and can be pulled off the intake manifold. At this point you can remove the injectors from the fuel rail by pulling on them. Once they are out, remove the fuel rail, install the injectors into the new fuel rail. Put some oil on the o-rings first, it will make them slide in a lot easier.
6. Tighten the new rail down to the intake manifold by putting the three 10mm bolts back in. Now is a good time to transfer the fuel pressure regulator from the old fuel rail over to the new one if desired. There are only two 10mm bolts holding the regulator on. Remove them and swap the regulator to the new rail.
7. There are two pressure ports on the top of the Golden Eagle Mfg. fuel rail. One can be used with the stock fuel pressure regulator or used independently and the other is for auxiliary fuel pressure gauge or sending unit. Both are 1/8" NPT. If you decide that you need to use the supplied pipe plugs on one or both of these ports, then apply some teflon tape to the plugs and secure them into the fuel rail making sure they are tight.
8. Put the fuel line back onto the new fuel rail. Be sure to put the metal washers back in place.
9. Tidy up the wiring and put the key into the ignition and turn it to the ON position. Turn off the power and back to the ON position a few times to prime the fuel pump. Look for any fuel leaks. If there are none, you can start up the car and make sure there are no leaks! Again, we always suggest to have a shop manual on hand for reference on this install.

Again, we thank you for your purchase and we are always here for your input.

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