



AMS EVO X Fuel Pressure Regulator Kit

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A vehicle modified by the use of performance parts may not meet the legal requirements for use on public roads. Federal and state laws prohibit the removal, modification, or rendering inoperative of any part or element of design affecting emissions or safety on motor vehicles used for transporting persons or property on public streets or highways. Use or installation of performance parts may adversely affect the drivability and reliability of your vehicle, and may also affect or eliminate your insurance coverage, factory warranty, and/or new OEM part warranty. Performance parts are sold as-is without any warranty of any type. There is no warranty stated or implied due to the stresses placed on your vehicle by performance parts and our inability to monitor their use, tuning, or modification.

These instructions are provided as a guide only as there are many variables that cannot be accounted for concerning your particular vehicle, including but not limited to model year differences, model differences, the presence of non-OEM parts, and modifications that may already be or were previously installed. A basic knowledge of automotive parts and systems is helpful but a better understanding of the parts and systems on your particular vehicle may be required.

Packing List:

- Fuelab fuel pressure regulator
- -6 o-ring plug
- 2 -6 to -6 o-ring fittings
- Fuel pressure regulator bracket
- Fuel rail fitting
- 8" of 1/4" fuel line
- 30" of -6 hose with 120 and 45 degree fittings on ends
- -6 o-ring to 1/4" NPT adaptor
- 1/4" NPT 90 to 1/4" barb fitting
- 4 ft. of 3mm silicone hose
- M6 Nut
- 2 hose clamps
- 4 large zip ties
- 2 small zip ties

Installation Instruction: (Pictures may not represent your exact kit colors)

- 1) Begin by removing the factory fuel pressure regulator, return fuel hose and fuel pressure regulator vacuum line.
- 2) Install the fuel rail adaptor along with the -6 to -6 o-ring fitting into the adaptor. Use a little lube on the o-rings to prevent tearing them.
- 3) Assemble the fuel pressure regulator as shown below.





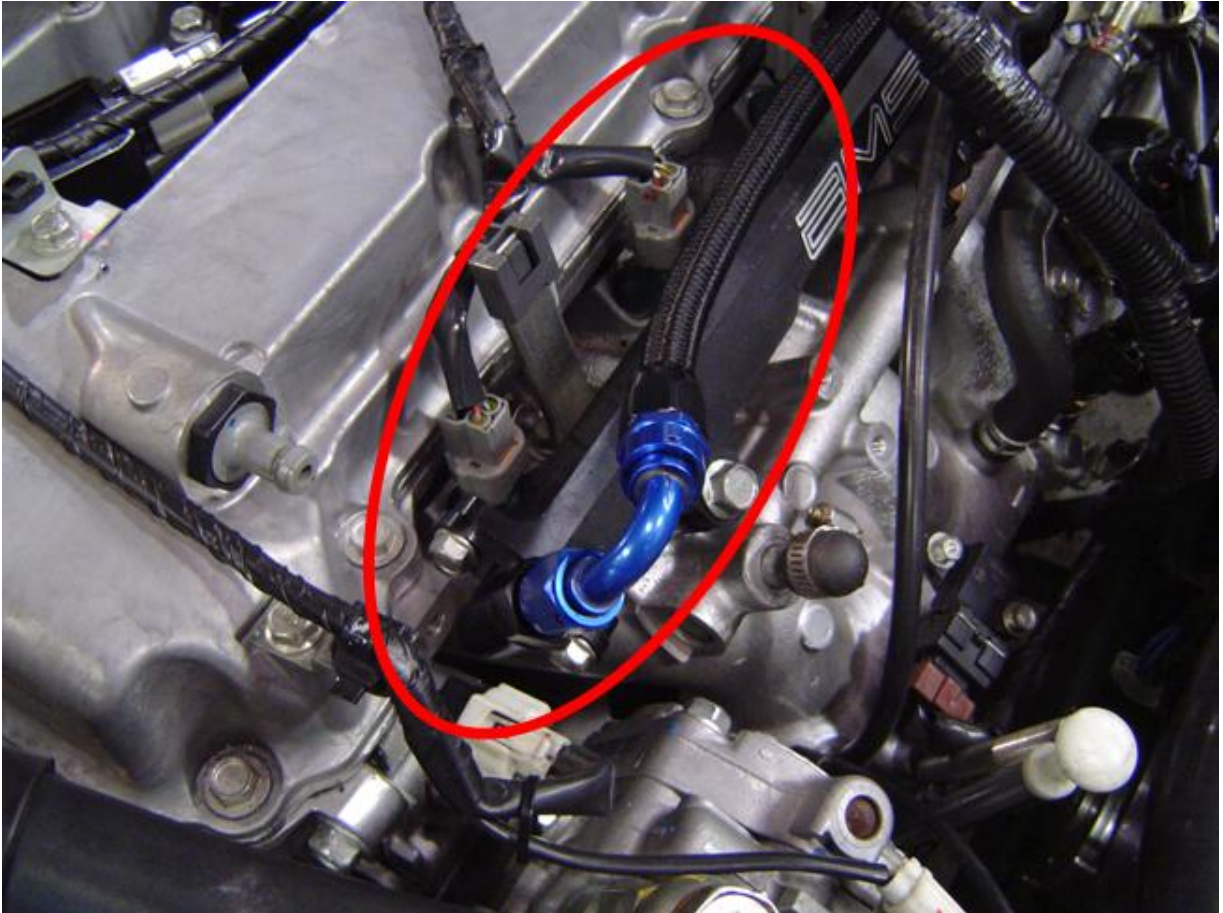
- 4) Mount the fuel pressure regulator assembly as shown below, it goes on top of the brake booster hose bracket, lightly bend the booster hose bracket if needed. Use the additional M6 nut for added support.



- 5) Run the return line to the factory hard line.



- 6) Install the -6 line connecting the passenger side of the fuel pressure regulator to the fitting that was installed on the fuel rail earlier. The 45 degree end goes on the fuel pressure regulator and the 120 degree end goes on the fuel rail.



- 7) Install the vacuum line from the fuel pressure regulator to the port on the intake manifold and use supplied zip ties to secure this and the return line as needed.



- 8) Double check that all connections are tight and start the car. Check for any leaks and set fuel pressure.

With a factory fuel pump and the vacuum line to the fuel pressure regulator disconnected the pressure specification is 47.7 PSI. Once set re-connect the vacuum line and confirm that pressure drops slightly.

Aftermarket fuel pump kits minimum pressure will vary, consult your tuner.