



AMS EVO 8/9 Fuel
Pressure Regulator
Kit

The goal of AMS is to provide the highest quality, best performing products available. By utilizing research and development, and rigorous testing programs, AMS will never compromise the quality or performance of our products. In addition, AMS will only provide the finest customer service offering only parts and advice that are in the best interests of the customer. AMS was built on a foundation of integrity. This is who we are, this is what you can count on.

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, installation, 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.

If you have any questions or issues at any time during the installation of your AMS product(s) please call us for technical assistance. The AMS tech line can be reached at 847-709-0530, Monday-Friday 9AM-5PM Central for AMS products only.

- **Remove fuel cap to help relieve fuel pressure.**
- **Remove stock FPR & steel return line. (Be cautious as the fuel may still be pressurized)**
- **Disconnect rubber hose under the Brake Master Cylinder.**
- **Remove 10MM bolt at firewall.**
- **Use supplied screws that come with the FPR to secure it to the AMS stainless bracket.**
- **Install the fuel pressure gauge using thread sealant**
- **Install the plug in the right side of FPR & tighten.**
- **Install the -6 fitting to the left side of the FPR & tighten.**
- **Install the adaptor in the bottom of the FPR and tighten. Use thread sealant on the barbed fitting & tighten until is slightly hard to turn. Make sure it ends up facing the driver's side.**



- Use the 10MM bolt to secure the FPR to the firewall.
- Install the fuel rail adaptor & tighten reusing the bolts.
- Attach the return line to the barbed fitting & install the clamp. Route the hose to the factory return line under the brake master cylinder and install the 2nd clamp.
- Install the -6 line from the regulator to the rail and tighten the fittings.
- Install vacuum line from the FPR solenoid or manifold to the FPR.
- Prime the fuel system & check for leaks. Do this by turning the key to the ON position.
- Set the base fuel pressure. Crimp off the vacuum line & use the adjustment on top.
- Set base pressure to 42-45psi.

