



Billet Fuel Pressure Regulator AF66-2048

Installation Instructions

Fuel pressure regulator instructions:

WARNING! These instructions must be read and fully understood before beginning the installation.

Failure to follow these instructions may result in poor performance, vehicle damage, personal injury or death. If these instructions are not fully understood, installation should not be attempted.

INTRODUCTION:

Congratulations on your purchase of the Aeroflow Fuel Pressure Regulator. Aeroflow Performance Products cannot and will not be responsible for any damage, or other conditions resulting from missapplication of the parts described herein. However, it is our intention to provide the best possible products for our customer, products that perform properly and satisfy your expectations. Should you have any questions, please call technical support at +61 2 8825 1900 Please have the product part number on hand when calling.

The AF66-2048 4 port Aeroflow regulator utilizes an o-ring sealed -10ORB inlet port and 4 x -6ORB outlet ports, these regulator ports are NOT A TAPERED THREAD and NO THREAD SEALANT IS REQUIRED.

PERFORMANCE SPECIFICATIONS: AF66-2048

Outlet Fuel Pressure, adjustable	4 - 8 psi
Inlet Port Size	1 x -10ORB
Outlet Port Size	4 x -6ORB

The following steps are typical of most installations:

1. Once the engine has had enough time to cool, disconnect the negative terminal and relieve the fuel system pressure as instructed in the appropriate vehicle service manual.
2. If the fuel system has an existing regulator, place work shop towel around the regulator to catch any fuel that is spilled during removal / installation. Remove any regulator mounting hardware and connecting fuel lines, carefully remove the existing regulator.
3. Find a suitable spot to mount the pressure regulator in the engine compartment. Using the mounting bracket as a template, carefully mark the bracket mounting holes and drill to accept an M6 or 1/4" size bolt or screw, depending on mounting style.
4. With the bracket attached to the regulator, mount the bracket and regulator to the vehicle.

5. Attach the fuel supply line to the bottom port of the regulator using the correct AF920 style adapter to suit your fuel supply line size.

6. Attach the fuel supply line(s) to the carburettor(s) using -6ORB style fitting(s). Install -6ORB style plugs into any ports not used.

7. tighten all connections.

8. Once the regulator is installed, attach an AF30 style low pressure gauge (available in 0-15,0-30 black or white faces and liquid filled or not) to the 1/8" NPT on the fuel pressure regulator.

9. BE AWARE AND ENSURE THAT ANY SPILLED FUEL / GASOLINE AND ANY WORK SHOP TOWELS ARE CLEANED UP AND REMOVED FROM THE VICINITY OF THE VEHICLE!

10. Re-connect the battery terminal and turn the fuel pump on WITHOUT starting the engine. After several seconds, check the fuel pressure. If there is no fuel pressure, turn the fuel pump OFF, wait one minute, turn the fuel pump ON, and re-check the fuel pressure.

Repeat this OFF and ON procedure until the fuel pressure gauge registers fuel pressure.

11. WITH THE FUEL PRESSURE GAUGE REGISTERING FUEL SYSTEM PRESSURE, CHECK FOR FUEL LEAKS FROM AND AROUND THE AEROFLOW REGULATOR AND ALL FUEL LINES AND CONNECTIONS NEAR THE REGULATOR! IF ANY FUEL LEAKS ARE FOUND, TURN THE FUEL PUMP OFF, REMOVE ANY SPILLED FUEL AND REPAIR THE LEAK BEFORE PROCEEDING!

12. Once the fuel pressure gauge registers fuel system pressure and there are no fuel leaks, start the engine and adjust the regulator to the desired fuel pressure. Turning the adjustment screw clockwise will increase pressure.

13. Once the desired fuel pressure is achieved, tighten the regulator adjustment jam nut. Do this step with the engine running and being sure the fuel pressure does not change.

14. If you do not wish to keep the fuel pressure gauge installed on the vehicle, relieve the fuel system pressure as instructed in the appropriate vehicle service manual. Remove the fuel pressure gauge and re-install the 1/8" NPT pipe plug into the regulator gauge port, using AF98-2023 Aero seal thread paste and lube,

15. Test drive the car to insure proper operation and re-check the fuel system for leaks. IF ANY LEAKS ARE FOUND, IMMEDIATELY SHUT THE ENGINE OFF AND REPAIR THE LEAK(S)! Happy Motoring!!