INSTALLATION INSTRUCTIONS

PART# AF49-3001 & AF49-4001

WARNING! These instructions must be read and fully understood before beginning the installation. Failure to follow these instructions will result in poor performance, vehicle damage, personal injury or death. If these instructions are not fully understood, installation should not be attempted.

APPLICATIONS:

P/N	DESCRIPTION	PRESSURE RANGE	INLET/OUTLET
AF49-3001	Carb Regulator	1 to 11 PSI	Female -8ORB
AF49-4001	Carb Regulator	1 to 11 PSI	Female 3/8" NPT

INTRODUCTION:

Congratulations on your purchase of an Aeroflow regulator. Aeroflow performance products cannot and will not be responsible for any damage, or other conditions resulting from misapplication of the parts described herein. However, it is our intent to provide you with the best possible products for our customer, products that perform properly and satisfy your expectations. Should you have any questions, please call our technical support at +61 2 8825 1979 Please have the product part number on hand when calling.

The following steps are typical of most installations:

1. Once the engine has been allowed to cool, disconnect the negative battery terminal and relieve the fuel line pressure.
2. Place workshop towels around the existing regulator to catch any petrol that is spilled during this step of the installation. Remove any regulator mounting hardware and connecting fuel lines, then carefully remove the regulator.
3. Find a suitable place in the vehicles engine compartment to mount the Aeroflow regulator. Using the supplied mounting bracket as a template, mark the bracket mounting holes and drill to accept a 3.5mm or 9/64" drill size.

4. With the bracket attached to the regulator, mount the bracket and regulator to the vehicle using the three #10 screws.
5. Attach the fuel supply line(s) to the regulator inlet (located at the base of the regulator) using -6ORB style fittings and O-rings for the AF49-3000 and AF49-3001, When using the AF49-4000 and AF49-4001 3/8" NPT style ports be sure to use thread paste on both the NPT tapered threads and the Viton O-rings.
6. Attach the fuel line(s) to the carburetor(s) , Depending on what port style you have purchased install either ORB or NPT port plugs using thread paste on any ports that are not used.
7. Tighten all connections
8. Once the regulator is installed, attach a fuel pressure gauge (Aeroflow offer 0-15 and 0-30 PSI in black or white face, liquid or Non-liquid filled) inline to setup your fuel pressure.
9. ENSURE THAT ANY SPILLED FUEL AND FUEL SOAKED WORKSHOP TOWELS ARE CLEANED UP AND REMOVED FROM THE VICINITY OF THE VEHIICLE.
10. Re-connect the battery and turn the fuel pump on WITHOUT starting the car. After several seconds, check the fuel pressure. If there is no fuel pressure, turn the fuel pump off, wait one minute, return the fuel pump ON, and recheck 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 fuel pressure.
13. Once desired fuel pressure is achieved, tighten the regulator adjustment jam nut.
14. If you do not want to keep the fuel pressure gauge on the vehicle, relieve the fuel system pressure as instructed in the appropriate vehicle service manual. Remove the fuel pressure gauge from inline and re-fit fuel lines and check system pressure.
15. IF ANY LEAKS ARE FOUND, IMMEDIATELY SHUT OFF THE ENGINE AND REPAIR THE LEAK(S)!