



Electric Fuel Pump Installation Instructions

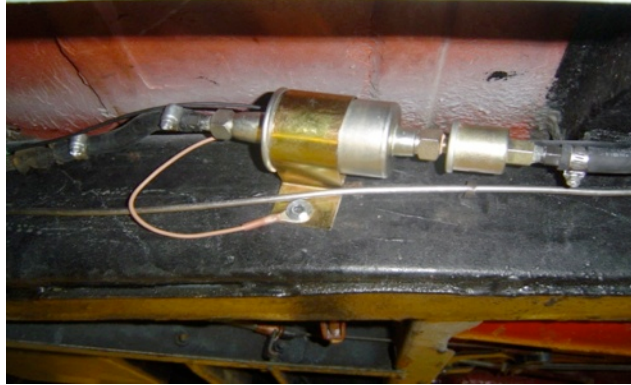
Thank you for purchasing one of our electric fuel pumps. These instructions are for installation only. Please read the manufacturer instructions for any warnings or other helpful information.



Installation for this kit requires several specialty tools. They are pipe dope, tubing cutter and flaring kit.

The fuel pump can be mounted wherever you choose, however it is our experience that mounting close to the fuel tank results in less fuel leaking out after you have cut the fuel line. Light flaring is recommended as you want the hose and hose clamp to have something to grip and gives you less chance for any leaks. The 4" of hose will be cut into 2 equal pieces. By using the smallest possible hoses you should be able to butt the fitting and the line together inside the hose, allowing for less chance of developing any leaks.

Once you have the pump mounted and all lines connected you can go to the wiring. The 1/4" ring terminal will get crimped to the ground wire on the fuel pump. If your vehicle is negative ground this is the black wire. If your vehicle is positive ground this is the brown wire. See the photo below. Notice we used the mounting screw also as the ground for the pump.



Next you will wire the power side. We have supplied 15 red wire and 10 feet of protective loom. Before you attach the wire run it thru the loom. This will protect the wire from any mishaps that will render it unusable. You will butt connect the red wire to remaining wire on the fuel pump.

Next find a place under the dash to mount the ON/OFF switch. Do this before running the wires inside.



To run the wires inside the car look on the firewall where the factory has brought their wires in. It may take a little work to go thru the rubber grommet but this will insure no chaffing of the wire and you will not have to cut any extra holes in the vehicle.

Next we will wire the switch. One side goes to the fuel pump. This side will get the inline fuse holder we supplied. Start by installing a female spade terminal to one side of the fuse holder and connect to the switch. Cut the wire you ran inside the vehicle to length before installing the butt connector. Note that it does not matter which terminal you use as the constant hot and which you use as the on/off side. Use the remaining length of wire for the power side of the switch. Install the other female spade terminal to the remaining length of wire and connect to the switch. You want to find a constant power source, meaning that whether the ignition is on or off this wire is live. You want to turn your switch on before cranking. You do this so you can get the fuel line pressure required for easy starting.

WARNING: the fuel pump manufacturer does not recommend running this fuel pump with a defective mechanical fuel pump. This can cause fuel to go into the crankcase.