

ZIM.608.105.KIT

MFI FUEL PUMP REPLACEMENT KIT

Introducing the Zim's Autotechnik electric fuel pump replacement kit for the old Bosch # 0 580 970 001 (GFP274) or Porsche # 901.608.105.00.

The old original Bosch/Porsche MFI fuel pump had been discontinued for quite some time and we have come up with this simple new replacement for it. Please read these instructions carefully before installation and it will make this job go smoothly. This requires some level of mechanical expertise and obviously anytime you are working with electrical connections and fuel you must observe common safety precautions.

This is a brand new high quality rotary, quiet operating, correct pressure, 12volt negative ground unit that will give years of trouble free service for your mechanically injected vehicle.

Do not be alarmed that the pump differs somewhat in its looks compared to the old Bosch unit. This new, much simpler pump has been tested in many vehicles and found to work perfectly when installed properly as per our instructions.

Before you remove the old pump, take some masking tape and mark which fuel lines are the Suction (line coming from the fuel tank), and the Discharge line coming off the pump going to the fuel filter console in the engine compartment. You will not be using back the Return line so you can remove the tee in the line (in the fender well) going back to the tank and discard it. First remove the old pump from its bracket assembly/console under the vehicle. It is located under the drivers side, behind the rear seat area at the firewall just forward of the rear wheel well. There is a console, welded to the car like a tray, and in this tray the pump is mounted to a secondary bracket attached with two rubber isolation mounts. Remove the pump, the mounts, and the secondary bracket. They will not be used in the installation of the new pump. Put the padded Adel clamp that comes with the new pump around the pump body and using the supplied hardware install the rubber isolation mount we have supplied. Face the pump with the electrical connections pointing toward the rear of the vehicle. This is also the outlet end of the pump. Arrange it in such a way so that you can mark a place to drill a small hole just large enough for the M6 stud on one end of the rubber mount to protrude through the tray. Then using the washer and nut mount the pump from the top side of the tray with the stud of the rubber mount through this hole. The intake or suction side of the pump will be facing the front of the vehicle but with the 90 degree piece of tubing and the reducer hose and hose clamps we have already installed for you will make the connection to the fuel line coming from the tank easier for you to get at.

Locate the supply line coming from the tank at the firewall. We supply new fuel line to run from this fitting protruding from the firewall to the inlet or suction side of the new pump. Secure this inlet line with hose clamps. Make sure the way you run the fuel line it will not get tangled up in any suspension components. Use the zip ties to tie the line up and secure it.

From the discharge side of the pump run a new fuel line up to the hard line coming from the engine compartment. Secure the line with zip ties as above and hose clamps.

Run a new return line that is coming back from the engine compartment all the way back to the fitting that disappears into the body at the firewall. You will just be omitting the tee out of it in the fender well where it used to be tied back to the return line coming from the old type pump. **The new pump does not need or have a provision for this return line. IT SIMPLY IS NOT NECESSARY!**

Attach both the wires using the terminals provided to the Positive and Negative posts on the new pump. These terminals are marked contrary to many customers that call and say are not. Look down in the two recessed areas next to the terminals. You will see + & - marks. Pay attention here because if you hook them up backward the pump will run backwards. Remember **Brown** for **Ground** wires. Make sure all connections are secure and check for any leaks.

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