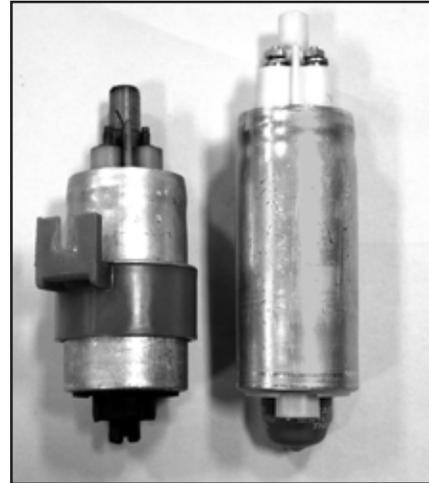


Dedicated to improving vehicle fun, safety & performance

Installation Instructions

Pre-Pump Upgrade Kit

ipd # 7845K



SUGGESTED TOOLS

- 6mm open end wrench or needle nose pliers
- Flat-blade screwdrivers
- Phillips screwdriver
- Tubing cutter or hack saw

GETTING STARTED

Remove the pre-pump assy from the top of the fuel tank. Follow the instructions in a good repair manual for your year and model. Our pre-pump removal tool #T5169 is very helpful when removing and replacing.

A few tips:

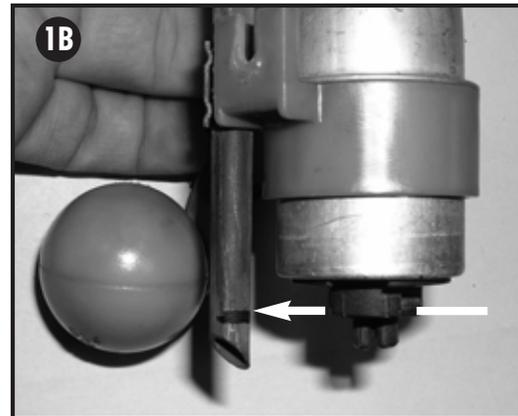
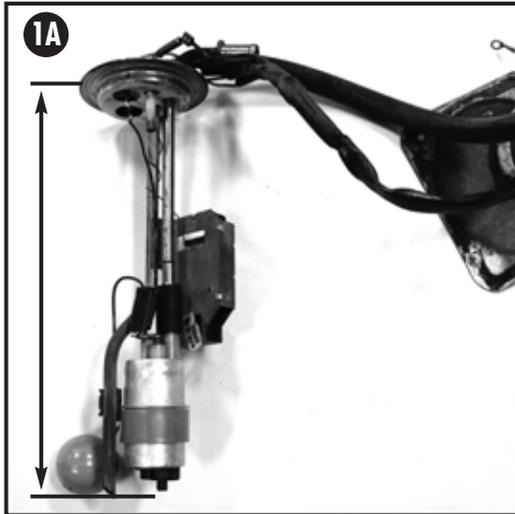
On wagons you can prop up the floor panel with a long screwdriver or similar so complete floor removal will not be necessary.

Never remove the rigid hose from the barbed fittings. These are pressed on and are extremely difficult to replace without leaking. They must be boiled in water until soft and then pressed on.

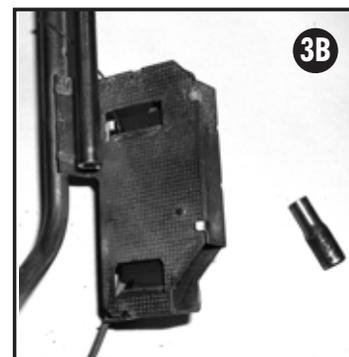
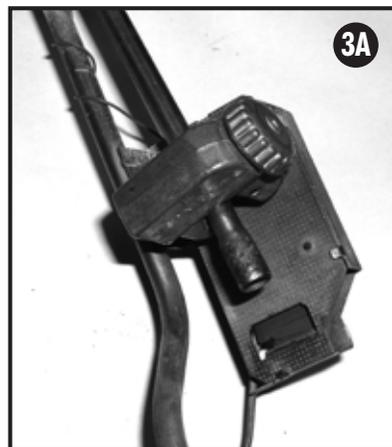
Only remove the hoses that have a clamp to loosen. Follow any rigid fuel line under the car and detach them from the fitting in line to the main pump.

INSTALLATION

- 1 Once removed set the assembly on a table to measure the length of the pump. Measure between the top of the bung to the bottom of the pump or make a reference mark on the return tube next to the prepump.



- 2 Now remove the phillips screw that holds the pump to the pick up, remove the old pump from the plastic holder. Unscrew the electrical connections and make a note if the connections are not in a plastic connector as to the positive and negative wires.
- 3 Once removed compare the length of the new pump to the old. You must remove the difference in length from the pick up tube. This will be between 25 and 30mm. (1-1.25") Use a pipe cutter to make a clean cut without burrs. It may be necessary to bend the pick up tube away from the tank sender to get the cutter to turn a complete rotation. If you must use a hack saw it is imperative the filings are removed from the pick up tube or it will damage the main pump.

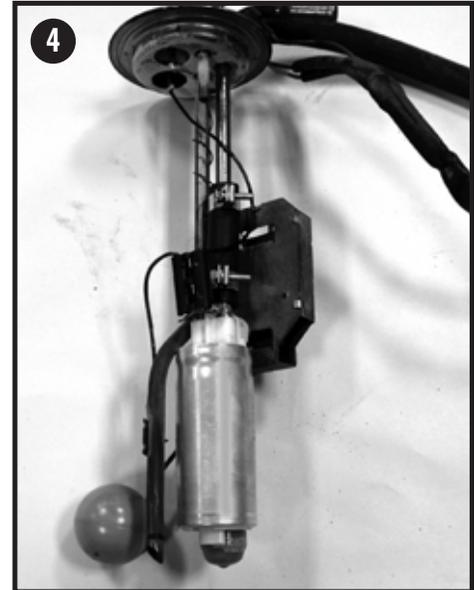


INSTALLATION

- 4 Without tightening the clamps attach the hose to the prepump and dry fit it to the pickup see that the length and orientation is correct. Cut hose to length if necessary. Before tightening the clamps make the electrical connections to the pump. It is easiest to do this without the clamp in the way.

It is not necessary to use the original holder as the clamps will hold it in place. You can use a zip tie or large hose clamp to secure it to the return tube if you wish.

- 5 It may be necessary to lengthen the ground wire to the pump. It is best to solder a length of wire to do this extension. Crimp style wire connectors may fail over time.



- 6 Remove the red protective cap and attach the pre-pump filter sock.

- 7 Reinstall the assembly into the fuel tank and reconnect the wires and fuel lines. Always double check the ground wire to the body for good contact.

One Year Limited Warranty

ipd warrants to the original purchaser that the parts manufactured and/or sold by **ipd** (the Product) is free from defects in material and workmanship under normal use. **ipd** warrants that the Product will perform substantially in accordance with the specifications set forth in the documentation provided with it. The above express warranties are made for a period of the lesser of 12,000 miles or 12 months from the date the Product is installed in your vehicle.

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