

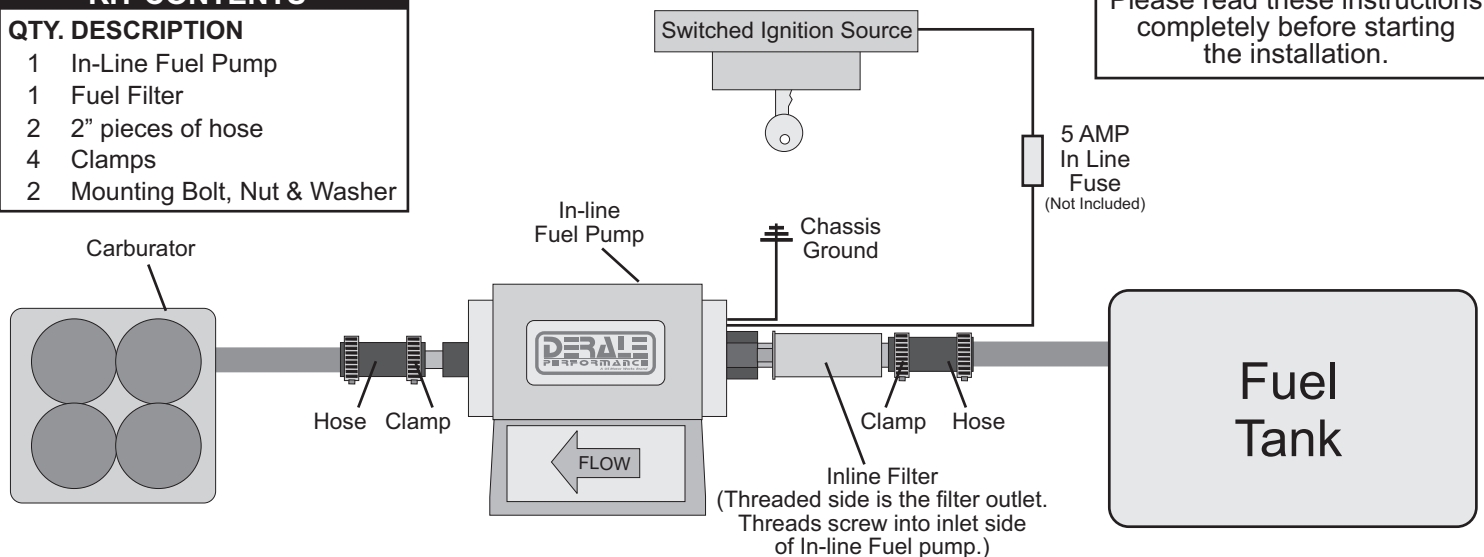


# IN-LINE FUEL PUMP INSTALLATION INSTRUCTIONS 72000, 72001, 72003, 72004

## KIT CONTENTS

### QTY. DESCRIPTION

- 1 In-Line Fuel Pump
- 1 Fuel Filter
- 2 2" pieces of hose
- 4 Clamps
- 2 Mounting Bolt, Nut & Washer



**CAUTION:** When working with fuel and other flammable materials, always work in a well ventilated environment. Clean up all fuel spills immediately. Use safety goggles and any safety items necessary. Always dispose of fuel according to state and local laws.

### Replacing an Existing Fuel Pump

The location of your High Performance In-line Fuel Pump is important for proper operation. If you are replacing an existing In-line Fuel Pump, the previous mounting location should be satisfactory if the previous pump worked correctly. If the new pump is being used to bypass an existing mechanical fuel pump, please follow these mounting instructions.

1. Select an area close to the existing fuel lines close to the fuel tank. Whenever possible use the vehicle frame for mounting ensuring that there is a good ground where you choose to mount the pump.
2. It is recommended that you mount the fuel pump at a 30-45 degree angle. It is recommended that the outlet side be mounted higher than the inlet. By mounting the Fuel pump at a 30-45 degree angle it will reduce the risk of vapor lock. This technique will allow vapor to pass easily through the pump.
3. If removing an existing mechanical fuel pump to install an In-line Fuel Pump a blocking plate should be used to cover the existing mounting hole of the mechanical fuel pump.

**NOTE:** Some tank outlets may have a different size than the supplied 5/16" fittings. If this is the case, you must purchase the correct size barbs to complete the application. The use of the supplied fuel filter is required, failure to do so will void manufacturers warranty. **DO NOT USE THREAD SEALANT TAPE**, instead use Thread Sealing Paste.

4. If the existing mechanical fuel pump is left in place because no blocking plate is available, the inlet and outlet of the mechanical fuel pump will need to be plugged ensuring there are no leaks.

### Making Electrical Connections

If replacing an existing fuel pump, the wire locations and connections may be satisfactory. In some cases an oil pressure switch that will cut power to the electric fuel pump must be installed. This varies by application. There are several manufacturers of this type of oil pressure switch needed, which are readily available commercially.

1. Locate a 12-volt power source that is normally open and controlled by the ignition switch.
2. Use #14 gauge wire and install the correct size crimp terminals. Heat shrink tubing is recommended. Ensure all connections are protected from the elements.
3. Optional flex tubing may be used to protect wiring from rubbing from vibrations.
4. Making sure that the ignition switch is in the off position, connect the power lead (Red wire) from the fuel pump to the ignition switch 12-volt power source. Install an in line 5 AMP fuse (Not included) for added safety. The 12-volt power source should only be controlled by the ignition switch.
5. Ensure Ground wire (Black wire) is connected to a good chassis ground.

### Final Inspection and Operation

1. Ensure that the electrical connections are secure and away from any heat source. Check wiring insulation for damage and replace where needed.
2. Check all hoses and hose connections. Ensure that connections are tight and there is no damage to the approved fuel lines and clamps.
3. Any sign of leaks should be addressed immediately.
4. Apply power to prime the In-line Fuel Pump for 10 seconds.
5. Start the vehicle and inspect for leaks several times while vehicle is running.
6. Check the fuel pump, fuel filter, hoses and connections at regular service intervals.