AEROMOTIVE
Part # 11804
01-10 CHEVY/GMC DIESEL LIFT PUMP & LINES
INSTALLATION INSTRUCTIONS

CAUTION:

Installation of this product requires detailed knowledge of automotive systems and repair procedures. We recommend that this installation be carried out by a qualified automotive technician.

Installation of this product requires handling of diesel. Ensure you are working in a well ventilated area with an approved fire extinguisher nearby. Extinguish all open flames, prohibit smoking and eliminate all sources of ignition in the area of the vehicle before proceeding with the installation.

When installing this product, wear eye goggles and other safety apparel as needed to protect yourself from debris and sprayed diesel.

Aeromotive system components are not legal for sale or use on emission controlled motor vehicles.

This kit contains the following parts:

1 ea ½” Return Hose Assembly (118-01E1-0)  1 ea Pump Power Harness
1 ea ½” Feed Hose Assembly (118-01E3-0)  1 ea Wiring Harness
1 ea 5/8” Suction Hose Assembly (118-01E2-0)

WARNING!

Always be aware of flammable situations. Drilling and grinding can be potential ignition sources. Extinguish all open flames, prohibit smoking and eliminate all sources of ignition in the area of the vehicle and workspace before proceeding with the installation. Ensure you are working in a well ventilated area with an approved fire extinguisher nearby.

WARNING!

Installation of this product requires modification to a fuel tank, failure to satisfy all safety considerations will result in fire, explosion, injury and/or loss of life to yourself and/or others.

WARNING!

Mechanical and hydraulic lifting devices can tip over or lower accidentally due to incorrect maneuvering or technical errors. A falling object can cause injury and/or loss of life to yourself and/or others. When working under the vehicle always use stands and ensure that the ground or floor is stable and level. Never crawl under a vehicle which is only supported by a jack.

CAUTION:

Make sure all batteries are disconnected before starting installation. Most diesel truck have two 12v batteries.
1. Use the hose marked 118-01E1-0 for the return line. Place the 90 degree hose end onto the return fitting and engage retaining clip. Now take the hose marked 118-01E2-0 and push it onto the 5/8” tank fitting connection. **FIGURE 1-1**

![FIGURE 1-1](image)

2. Route line away from moving parts and hot exhaust and secure in place with zip ties.

3. Now attach the feed and return lines to the pump. Route the lines as such to take out excess length. **FIGURE 1-2**

![FIGURE 1-2](image)
4. Use the last fuel hose marked 118-01E3-0 to connect to the outlet of the fuel pump. Connect the other end to the factory hard line feeding the injection pump. **FIGURE 1-3**

![Fuel pump diagram](image1)

**FIGURE 1-3**

5. Aeromotive has made wiring up your new diesel lift pump very quick and easy with the use of Delphi weather pack connections and nylon power braiding. There are only three connections that need to be made:
   1. Pump weather pack connection
   2. Power and ground connection
   3. Mini Fuse tap connection

6. Find a suitable place in the engine bay to mount the relay and fuse holder. Once mounted route the fuel pump power wire to fuel pump and make the connections (pump power connection shown). **FIGURE 1-4**

![Fuel pump power wire](image2)

**FIGURE 1-4**
7. Locate the fuse box and remove the top cover to gain access to the fuses. Using a voltmeter or test light, find a fuse that is “hot” when the key is in the “on” position. Remove the selected fuse and replace it with the mini-fuse tap. Take the factory fuse you just removed and place it in the empty spot on the fuse tap. **FIGURE 1-5**

![PLACE FACTORY FUSE HERE](image)

**FIGURE 1-5**

*Note: Commonly used fuses for tap are: TBC Batt, Ign 1 or 2, ACC and HVAC.*

8. Connect the Red (+) and Black (-) to the battery terminals. Make sure all wiring and fuel lines are secured properly.
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AEROMOTIVE, INC. LIMITED WARRANTY

This Aeromotive Product, with proof of purchase dated on or after January 1, 2003, is warranted to be free from defects in materials and workmanship for a period of one year from the original date of purchase. No warranty claim will be valid without authentic, dated proof of purchase.

This warranty is to the original retail purchaser and none other and is available directly from Aeromotive and not through any point of distribution or purchase.

If a defect is suspected, the retail purchaser must contact Aeromotive directly to discuss the problem, possible solutions and obtain a Return Goods Authorization (RGA), if deemed necessary by the company. Please call 913-647-7300 and dial option 3 for the technical service dept. All returns must be shipped freight pre-paid to the company and with valid RGA before they will be processed.

Aeromotive will examine any product returned with the proper authorization to determine if the failure resulted from a defect or from abuse, improper installation, misapplication or alteration. Aeromotive will then, at it’s sole discretion, return, repair or replace the product.

If any Aeromotive product is determined defective, buyer’s exclusive remedy is limited in value to the sale price of the good. In no event shall Aeromotive be liable for incidental or consequential damages.

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This Limited Warranty covers only the product itself and not the cost of installation or removal.

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