

1998-2000 Chevrolet & GMC Trucks

Main Fuel Line, Return Fuel Line & Vapor Line Replacement from the fuel tank to Fuel Filter or Mid Way of truck

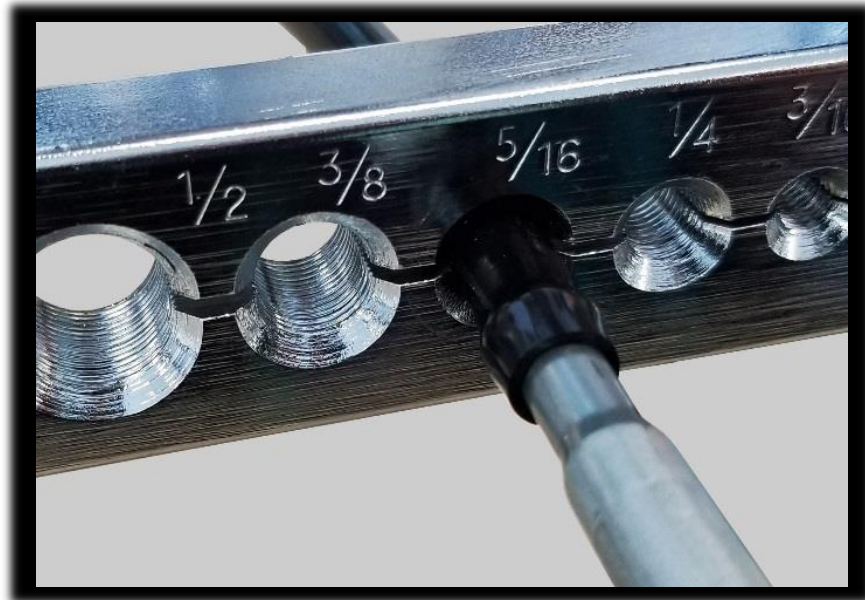
Take time to read all the literature that came with this kit. All Flexible nylon fuel kits can be installed into the factory clips and clamps or you can use the new plastic ties that are provided in the kit.

1. **Removal:** Prepare to remove the fuel tank. Remove fuel tank straps, cut old nylon fuel lines on fuel tank, so that you do not damage or break the ends of the pump. Do not pull on existing lines, this may snap or damage the connection points at the fuel pump assembly. Remove gas tank. To disconnect the fuel lines from the pump / sending unit, fuel filter or front engine lines, you need the disconnect tool (inline tube Part # TLF10) or similar. You can remove the old fuel lines from the clips and reuse them or zip tie new lines to the side of the old lines.
2. **Main Fuel Line / Return Line / Vapor Line:** We are working from the fuel tank forward. Take all three lines and route them through the frame with excess at the fuel tank side. While installing the tank attach lines pulling them forward as you go up with the tank. The green fuel line with the female 90 degree quick disconnect to the sending unit. Next attach the blue return line with the 90-degree female quick disconnect to the sending unit. Now install the vapor line to the tank using the supplied rubber fuel hose with the red pinch clamps. Don't forget to connect electrical plugs.
3. **Main Fuel Line:** route the green main fuel line towards the new fuel filter, utilizing the existing clips and connect into the new mounted filter. On the other side of the filter connect the original line back in place. Cut the new nylon to length and install the metal tube end. See Page 2 instruction.
4. **Fuel Return Line:** route the blue fuel return line towards the front, utilizing the existing clips and connect into original front engine flex line. Cut the new nylon to length and install the metal tube end. See Page 2 instruction.
5. **Vapor Line:** route the white fuel vapor line to the front, utilizing the existing clips to the engine compartment, cut to correct length and splice into old quick disconnect on the charcoal cannister. With the short piece of rubber hose and the red pinch clamps.
6. Clean up the routing areas of lines – make sure the line is not rubbing on anything.
7. Apply the **“CAUTION FUEL LINE”** sticker so that future mechanics know that this is a fuel line.
8. Start the truck and check your work by looking for leaks before driving the vehicle. Hook up electrical connections.

IMPORTANT SAFETY INFORMATION

- Never smoke in or near repair bays or garages. Vehicles contain flammable and combustible fluids which can easily be set on fire if they come into contact with fuel.
- Make sure to drain all fuel lines or any component that may have fuel in it that can come in contact with spark, heat or flame. Do not work on vehicle while running or after being run or while hot. Let vehicle cool down for a couple of hours before working on fuel lines.
- Keep work areas clean and organized. Pick up rags and tools to keep work area clear and free.
- Wear protective gear at all times, as appropriate for the repair. (Goggles, gloves, respirator, etc.)
- Make sure fire extinguishers are easily accessible and appropriate for all potential fire types. In the event of a fire, extinguishers need to be accessed quickly.
- Always disconnect the battery when working on fuel systems.
- Never work underneath a vehicle unless it has been properly supported. Raising the vehicle off the ground to access the underside requires verifying it is stable.
- Always remove the keys from the ignition switch. as the key can draw an electrical charge from the battery, there is a risk of electrical shock, and/or electrical spikes that may spark.
- Be aware of the vehicle's temperature before beginning any work. The engine, manifold, exhaust system, and radiator could be hot and can cause skin burns or fire.

Installing fitting to nylon tubing



1. To help with the installation of the metal tube into the nylon tube, use the clamp jaw from any standard flare tool to hold the plastic tubing so that you can work on it. Clamp into the appropriate size hole on the bar leaving 1/2" sticking out.
2. Using long nose pliers, flare out the opening of the nylon hose for ease of sliding in the new fitting or connector. Stretch the end by sliding the pliers and opening them to create a slight flare on the end so the tube will get started with ease.
3. Have your pinch clamps already on the line, lubricate the fitting or tube and gently push fitting into the nylon tubing.
4. Secure the supplied clamps in place and with side cutting pliers, two clamps are provided although only one is needed to secure line.