

2007-2014 Chevrolet Silverado GMC, Sierra

5.3 Liter Engine to Mid-Section Fuel Line Repair and Full Length Vapor Replacement

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. **Main Fuel Line:** Disconnect the main fuel line at the fuel rail, you need the disconnect tool (inline tube part # TLF-10) Install the new green marked nylon tube into the fuel rail connection. Route the new line from engine compartment down to the frame rail. Cut and splice metal fuel line in front of fuel sensor. Install nylon line with the union in the kit. (refer to picture attached)
2. **Fuel Vapor Line:** If you are installing the white fuel tank vapor line, snap the 90 degree quick connect to the purge valve and run the line to the back of the vehicle. Push the lines up as high as possible, behind the old heat shield and wire tie into place as you work to the rear snap new line into the vapor canister .You may have to cut and splice the line for proper fitment .using the union in the kit.
3. When cutting lines always (stagger the cuts so the fittings are easier to install) so they will not be on top of one another. Make sure you have the nylon tubing where you want it and cut them with side cutting pliers, knife or tubing cutter. Install the compression fitting to each nylon line and then to the existing hard metal tube. Tighten onto nylon and then onto the steel factory tube. **Do Not Over Tighten Fittings.**
4. Clean up the routing areas of lines – make sure the line is not rubbing on anything.
- 5 Apply the “**CAUTION FUEL LINE**” sticker so that future mechanics know that this is a fuel line.

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 acceptable 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.

