

1999-2003 Chevrolet/GMC/Cadillac

Suburban/Avalanche/Yukon XL/Escalade XL Main Fuel Line, Fuel Return Line & Vapor Fuel Replacement Kit

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. Disconnect the existing fuel lines at the front of the fuel tank and at the engine side. Discard or leave in place. To disconnect the fuel lines, you need the disconnect tool (inline tube Part # TLF10) no need to Remove the fuel tank or charcoal canister.
2. **Main Fuel Line:** Start at the fuel tank with the short green 20" piece, the push connect tube snaps into the existing tank plastic line the other end connects to the fuel filter. The second green line goes from the fuel filter to the engine. Start running the new lines to the front of the vehicle. The new fuel filter will be in the same location as the existing filter. Remove quick connects at the back of the engine, again you will need a disconnect tool (inline tube Part # TLF10). Route the ends that have plastic shielding up and over the transmission, then connect it to the engine. Do not kink or pinch the line. Be sure to keep the line away from any exhaust pipes, moving parts or linkage.
3. **Fuel Return Line:** Repeat step 2 for the fuel return line. Start the install at fuel tank, the tank end has the metal tube and the engine side uses a female quick connect end.
4. **Vapor tank line:** This line is marked white tape. It has a 90° quick connect fitting on one end, and a metal male connection at the other end. Snap the 90-degree end in at the charcoal canister and route it towards the engine. There is a short nylon line with a green capped Schrader Valve in the engine bay on your vehicle originally connect to the purge valve. The metal end of this line connects into the quick disconnect on the original nylon line.
5. Secure the new lines using the original clips or supplier zip ties, make sure all lines are free and clear of moving parts or hot surfaces. Apply the "**CAUTION FUEL LINE**" sticker to all new fuel lines so that future mechanics know this is a fuel line.

SAFETY FIRST:

1. 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.
2. 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.
3. Keep work areas clean and organized. Pick up rags and tools to keep work area clear and free.
4. Wear protective gear at all times, as appropriate for the repair. Goggles, gloves.
5. 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.
6. Always disconnect the battery when working on fuel systems.
7. 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.
8. 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.
9. Be aware of the vehicle's temperature before beginning any work. The engine, manifold, exhaust system, and radiator could be hot and cause skin burns or fire.

