

1997-2005 – S10/S15 Sonoma, All Wheelbases, 4 & 6 Cylinders **(WILL NOT FIT 4 CYLINDER TRUCKS 2000-05)**

Main Fuel Line & Return Line from fuel filter to fuel tank

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.

This kit can be installed without fuel tank removal.

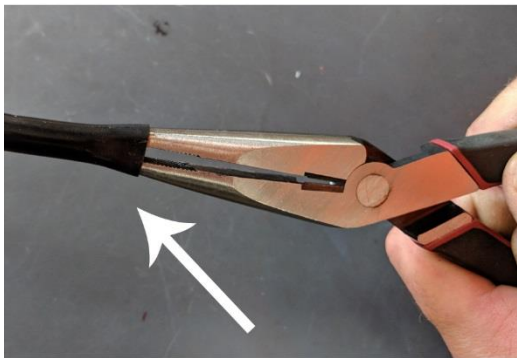
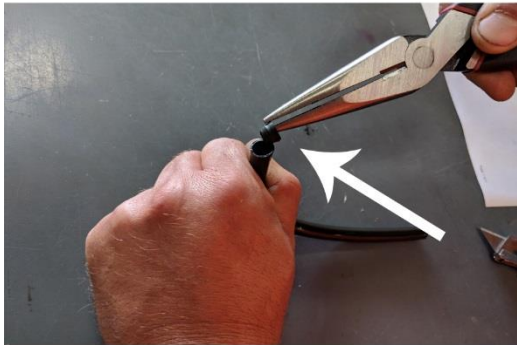
- 1. Removal:** Locate the existing Main fuel line running from the fuel tank to the filter and the fuel return line running from the fuel tank to the front flex line off the engine. To disconnect the fuel lines from the pump / sending unit, fuel filter or front engine lines, you need the disconnect 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. Take off the old quick connect clip off the filter, a new one is provided in the kit. The existing fuel filter will also be removed.
- 2. Installation: Main & Return Line:** Find the main fuel green line in the new nylon kit and snap the straight female quick connect onto the sending pump unit at the fuel tank. The new line will route just like the old snapping into the existing clips to the front of the truck and connecting to the new fuel filter. The existing line on the other side of the filter will be re-used. The fuel return blue line in the new nylon kit with the straight female quick connect onto the sending pump unit at the fuel tank. The new line will route just like the old snapping into the existing clips to the front of the truck and connecting to the front flex fuel line.
- 3. Shorting Lines:** we have provided Nylon to Nylon connector black/blue plastic female push union. AFTER the line is routed cut the line in two, cut to length and push into the nylon connector. Stagger These joints if you have multiple lines
- 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.
- 6.** Start the truck and check your work by looking for leaks before driving the vehicle.

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.

REPLACING QUICK CONNECT

NFR0007



- Cut old outer covering near the end of the fuel fitting barb. Leave 1/8" on to the existing barb and cut around it with a knife. Cut where indicated, this leaves a larger opening in the nylon to start the new quick connect. By leaving 1/8" the end is already expanded for the new fitting
- Remove the remainder of the old quick connect barb from the nylon tubing using long nose pliers. Clamp on and put it out.
- Using long nose pliers, flare out the opening of the nylon hose for ease of sliding in the new fitting or connector. (You may want to use a tube flaring tool to hold the nylon tube while working on it- leave 1/2" sticking out and stretch with long nose pliers.)
- Place Nylon hose into the tube flaring tool. You may want to lubricate the new connector barb with grease or oil before you push the new fitting into the nylon hose.
- Lines sizes
 - Main Fuel Line Green or 3/8"
 - Fuel Return Line Blue or 5/16"
 - Fuel Vapor Line White 5/16 or 1/4"