



## 1994 - 1998 Dodge Ram 5.9L 12 Valve Cummins Fuel Pressure Big Line Kit

We recommend wearing safety glasses and gloves during this installation.

1. Disconnect the negative battery cable from each battery.
2. Have a drain pan ready for any leaking fuel.
3. Using a 17mm socket wrench, remove the banjo bolt and crush washers from the top of the fuel filter housing. It will be the fitting closest to the front of the truck.
4. Using a 19mm wrench, remove the banjo bolt and crush washers from the injection pump and remove the entire fuel line from the engine.
5. Install the 14mm stainless-steel connector with O-ring into the injection pump inlet.  
Note: Lubricate the O-ring with oil and tighten using a 19mm wrench.
6. Install the 12mm stainless-steel connector with O-ring onto the top of the fuel filter housing. Note: Lubricate the O-ring with oil and tighten using a 17mm wrench.
7. Next, cut the new rubber fuel line to match the length of the factory fuel line using hose cutters.
8. Lubricate the ends of the rubber fuel line. Push the rubber fuel hose onto the 90-degree barbed fittings until they are fully seated.
9. Use the included T-fitting to install the 1/8-27 NPT fuel pressure sensor. You can install the T-fitting anywhere on the rubber fuel line. Cut the rubber fuel line, insert the hose clamps over the cut ends of the rubber fuel line and install the T-fitting in the two cut ends. Note: Lubricate both ends of the T-fitting and press the hose firmly until fully seated.
10. Thread the fuel pressure sensor into the T-fitting and tighten using a 22mm wrench.
11. Thread one of the 90-degree fittings onto the stainless-steel connector on the top of the fuel filter housing, and the other onto the stainless-steel connector at the injection pump. Tighten both fittings using an 18mm wrench.
12. Now that the big line kit is fully installed to the truck, you can reconnect the negative cable to each battery.
13. In the event your engine loses prime, prime the fuel system by loosening the fuel filter slightly and push the priming plunger several times to remove the air. Hand tighten the fuel filter and crank the engine till it starts. Be sure not to overheat your starter.
14. Start the engine and verify sufficient fuel pressure. Also, ensure all the connections within the big line are secure with no leaks, and that the line is clear of all moving parts.