



Technical Support
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2007.5 - 2009 Dodge Ram 6.7L 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 and drain the fuel filter housing by releasing the white drain valve. Once the fuel has been fully drained from the filter, you can close the white drain valve.
3. Remove the fuel filter disconnect fitting from the fuel filter housing.
4. Next, remove the feed line from the side of the fuel filter housing to the injection pump and then remove the injection pump inlet fitting.
5. Install the stainless steel connector with O-ring into the injection pump inlet. **Note:** Lubricate the O-ring with oil.
6. Install the stainless steel connector with O-ring into the side of the fuel filter. **Note:** Lubricate the O-ring with oil.
7. Install the brass push on hose connector onto the injection pump connector and fuel filter housing.
8. Install the 4ft rubber fuel hose onto the brass push on connector on the fuel filter housing. Secure with a hose clamp.
9. Cut the rubber fuel line to the proper length between the fuel filter housing and injection pump.
10. Install the remaining end of the fuel line onto the brass push on connector on the injection pump. Secure with a hose clamp.
11. Install the completed big line kit onto the truck. Be sure to keep the big line kit away from any moving components of the truck.
12. 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 line and install the T-fitting in the two cut ends. Secure the T-fitting to the line using the hose clamps. **Note:** Lubricate both ends of the T-fitting and press the hose firmly until fully seated.
13. Install the fuel pressure sensor into the T-Fitting. Use Teflon tape or thread sealant on the threads.
14. Now that the big line kit is fully installed to the truck, you can prime the fuel system by bumping the starter 3-5 times, but do not allow the truck to start. This process will purge all of the air that is present in the fuel system.
15. Start the engine and verify sufficient fuel pressure. Also, ensure all of the connections within the big line are secure with no leaks and clear of all moving parts.