

## 2010-2018 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 yellow drain valve. Once the fuel has been fully drained from the filter, you can close the yellow drain valve.
3. Remove the stock quick connect feed line that runs from the bottom of the fuel filter housing to the injection pump. Next, remove the injection pump inlet fitting.
4. Install the included stainless steel adapter with O-ring into the injection pump inlet. **Note:** Lubricate the O-ring with oil.
5. Install the included quick connect fitting into one end of the rubber fuel line and secure with the included hose clamp. **Note:** Lubricate the end of the quick connector fitting and press the hose firmly until fully seated.
6. Attach the 4ft rubber fuel hose with the quick connect fitting to the nipple located on the bottom of the fuel filter housing. Push the quick connect fitting on until you hear a click sound. The click sound will confirm it is fully inserted.
7. Loosely install the included straight fitting onto the stainless adapter installed at the injection pump. **Note:** Lubricate the end of the quick connector fitting and press the hose firmly until fully seated against the yellow trim ring.
8. Cut the rubber fuel line to the proper length between the fuel filter housing and injection pump.
9. Next, remove the straight fitting from the injection pump and install it into the other end of the rubber fuel line coming from the fuel filter housing.
10. 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.
11. 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.
12. Install the fuel pressure sensor into the T-Fitting. Use Teflon tape or thread sealant on the threads.
13. Now that the big line kit is fully installed to the truck, you can reconnect the negative cable of each battery.
14. 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.



All GlowShift Products are subject to the GlowShift Limited Warranty. Please visit <https://www.glowshiftdirect.com/warranty-policies> to review complete Warranty, Terms, and Conditions.