

## 2019-Present Cummins Fuel Filter Kit Installation



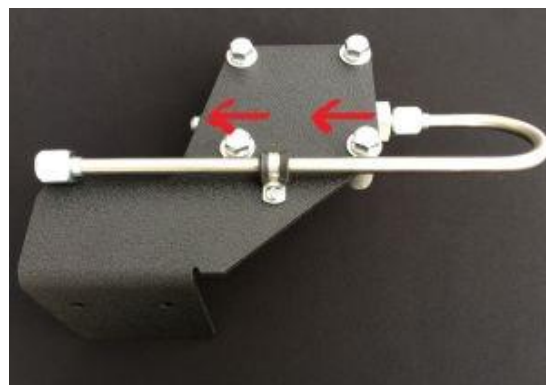
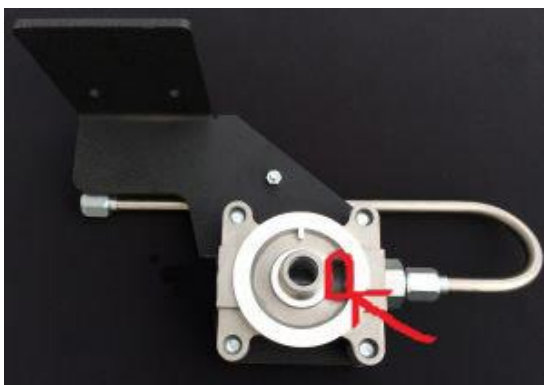
Thank you for your purchase. We appreciate your business and are confident you made a great decision not only to protect your fuel system, but also give you much cheaper filter changes moving forward. If you have any questions with the install, please email us at [info@dieselfuelfilterkits.com](mailto:info@dieselfuelfilterkits.com) and we will respond as quickly as possible to get you taken care of. Please read through directions before installing.

**Install:** Considered easy. Approximately 45 minutes depending on your mechanical ability.

**Tools Needed:** Ratchet and extension with 13mm deep-socket, basic wrenches, phillips screwdriver.

**STEP 1.** On a workbench, install the filter base to the bracket oriented like the picture below using provided bolts and washers. It **must** have the hole circled in red to the right which will show the flow-directional arrows on top of the base pointing towards the fuel tank when installed for proper fuel flow.

**STEP 2.** Install the fittings into each side of the base using a 1" wrench and tighten. Install and tighten the J-tube and rubber clamp over the top of the bracket using an 11/16" wrench while holding it firmly down against the bracket to prevent lifting.



**STEP 3.** Screw the provided rubber fuel hose into the open end of the J-tube and tighten down tight.

\* This picture shows exactly what you should have at this point. \*



**STEP 4.** Now it's time to install the assembly on the truck. Referring to the picture below, remove all four (4) 13mm nuts holding the rear stock fuel filter to the frame cross-over tube including the small drop-bracket using a 13mm deep-socket, extension and ratchet. You will not reuse the stock drop-bracket and will use the new one provided in our kit. Install the new drop-bracket supplied with the small notch at the top. **The little notch on the new drop-bracket MUST be at the top for kit to fit correctly!** Tighten the new drop-bracket to the frame cross-over tube using the supplied bolts and a 13mm socket and wrench.

Now insert the stock filter canister studs through the new filter bracket and drop-down bracket (**top holes for long-bed, bottom holes for short-bed**) sandwiching the new filter bracket behind and above the stock assembly. Reinstall and tighten the nuts.



**STEP 5.** Referring to the picture below, install the small, straight hose & tube to the fitting in the filter base and tighten using an 11/16" wrench. Once installed, spread the gray locking clips on the stock quick disconnect right beside it and pull the locking tab straight out. This will unlock the fitting where you can now pull it off the stock fuel canister. Install and lock it onto the new small, straight hose & tube you just installed.



**STEP 6.** The other end of the rubber fuel hose you screwed onto the J-tube will now push and lock onto the one you just removed from the stock fuel canister. Now install and hand tighten the new filter.

**\*\* BE CAREFUL NOT TO CROSS-THREAD OR OVERTIGHTEN THE FILTER. \*\***

### **Bleeding the system before starting**

The Cummins are self-bleeding, so once the kit is installed and everything is tight and reconnected, cycle the key to the run position (not the start position) about 10 times waiting between cycles for the fuel pump in the tank to kick off. You should be able to hear it running and kick off as this is a timed cycle by the truck's computer. This will fill the filters and prime the system. Once started, let the truck idle, set parking brake and check kit for leaks. It's best to drive the truck for a few minutes after installing to make certain there is no air left in the system, as this could result in a hard start next time you go to start it.

**If any leaks are detected, tighten fittings more.**

Congratulations you are done!

### **Removing kit if needed**

Very simple! Remove the quick disconnect fitting on our rubber hose from the stock fuel canister and move the stock forward one on our small, straight hose and tube back to it. Remove the two 13mm nuts and pull the assembly out. It's now totally back to stock.

*\*\*We recommend that you run a good fuel additive with every tank of fuel.*

*\*\* Replace filters every 15,000 miles depending on fuel conditions in your area.*