

2013-2018 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 for many future miles, but also give you much cheaper filter changes. If you have any questions with the install, please email us at info@dieselfuelfilterkits.com and we will respond as quickly as possible to get you taken care of. Please read through directions before installing.

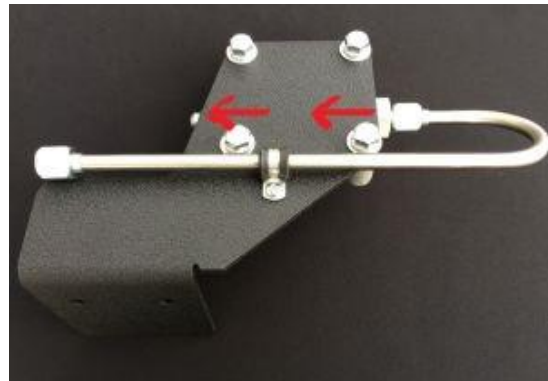
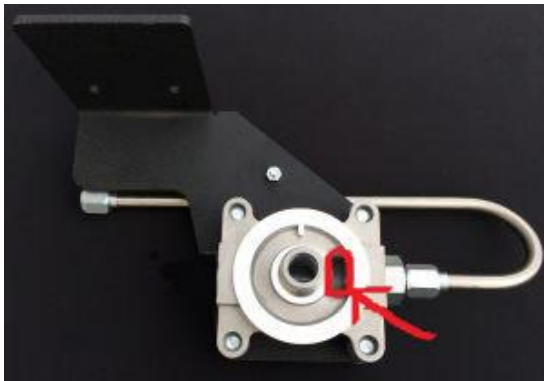
Install: Approximately 45 minutes depending on your mechanical ability.

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

(NOTE: Some 2013 models may require you to oversize the holes in the mounting bracket on the truck side to drop the entire assembly down to clear a bed floor cross-member prior to factory tooling changes.)

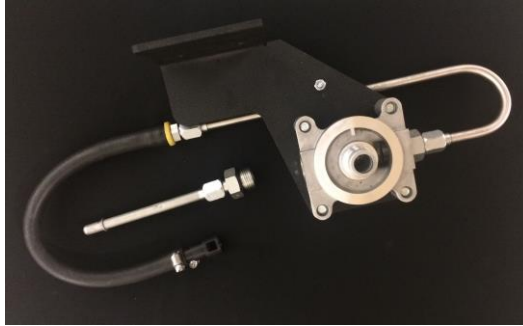
STEP 1. On a workbench, install the filter base to the bracket oriented like the picture below using provided bolts and washers. It **must** have the hole circled in red to the right which will show the flow-directional arrows on top of the base pointing towards the fuel tank when installed for proper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

STEP 2. Install the J-tube O-ring fitting into the base using a 1" wrench and tighten. Install and tighten the J-tube and clamp over the top of the bracket using an 11/16" wrench while holding it firmly down against the bracket to prevent lifting, as this would cause clearance issues against the bottom of the bed.



STEP 3. Screw the provided rubber fuel hose into the open end of the J-tube and tighten down tight. On a short-bed its best to go ahead and install the short small tube onto the other O-ring fitting (but do not install and tighten into base until its mounted in truck) and tighten down tight using 1" and 11/16" wrenches now because of tight clearance once bracket is installed on truck. On a long-bed you have more room and can install and tighten down the tube onto the O-ring fitting after bracket is installed on truck.

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



On short-bed trucks its easiest to remove the stock filter from the stock base for bracket installation.

STEP 4. Now it's time to install the assembly on the truck. Referring to the picture below, unplug the WIF sensor and remove the two 13mm nuts holding the rear stock fuel filter to the frame cross-over tube using a 13mm deep-socket, extension and ratchet. Pull the stock filter assembly completely out of the mounting holes and slide the new bracket straight up into place. You must go straight up on short-beds!

Now insert the stock filter bolts back through sandwiching the new filter bracket behind and above the stock assembly being sure the wire is coming out the side as indicated in the picture below to prevent pinching. Install and tighten the 13mm nuts back down and plug WIF sensor back in.



STEP 5. Referring to the picture below, now install the small straight tube and O-ring fitting in filter base and tighten using a 1" wrench. Once installed, spread the red locking clips on the quick disconnect right beside it and pull it straight down. This will unlock the fitting where you can now push the button on the top and pull it off the steel fuel line. Install and lock it onto the new small straight 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 stock one you just removed the fuel fitting from. 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 steel line and move the red, forward one 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 15,000-20,000 miles depending on fuel conditions in your area.*