

Thank you for your purchase of the Ram 1500 EcoDiesel fuel filter brass drain plug.



Most likely you have not yet changed the fuel filter on your EcoDiesel. So, here are a few tips to make the job less-of-a-mess.

- 1) In the trucks we've worked on we've determined that the removal the fuel filter canister would not result in a diesel fuel bath IF we could get the fuel to drain from the yellow plastic drain valve. However, the drain valve doesn't drain.
- 2) With a 16+ ounce catch-bucket, go ahead and loosen the yellow drain valve? How much fuel drained out? Two ounces?
- 3) Trust us, there are 14 more ounces remaining. Again, the drain valve doesn't drain. (We'll fix this in a minute or two.)

Now it's time to remove the fuel filter canister. A strap wrench is the tool for this. Alternately we offer two fuel filter canister removal tools (LT-ECO-FUEL-TOOL and C3M-ECO-FUEL-TOOL) to make the job easier.

Cover your strap wrench (or the Geno's tool) with a one quart zip lock baggie or surround the filter area with a catch bucket. Unscrew the canister and catch the 14 ounces of diesel fuel.



If you need more assistance, we are only a phone call away.

(770) 886-2500

Monday-Friday
8:30am-5:30pm EST

GENO'S GARAGE, INC.
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Now, with the canister, fuel filter and diesel fuel baggie or bucket removed, let's take a look at the yellow (lack of drain) drain plug. Because it has a "T" shaped head, the plug doesn't drop out of the canister. When it is unscrewed it just doesn't have the right cuts in the plastic to allow fuel to drain.

How do you remove the yellow drain plug?

You can cut the "T" head with a Dremel tool. Alternately you can hit it with the handle end of a screwdriver and pop it out. (Chances of breaking the "T" are about 50/50.)

Regardless, modify the yellow plastic or retrofit your canister with the brass plug that you've purchased.

With the new plug, the next time you change the filter will be "easy peasy."

Now, to install your new fuel filter, tighten the canister to the specifications listed (25 Nm = 18 ft. lbs.) and install your modified yellow plug or the new brass drain plug. Be very careful not to overtighten the brass plug. The plastic housing can (and will) strip if you get carried away. We suggest to only tighten to slightly more than finger tight. Would you believe 12 inch-pounds, i.e. 1 foot-pound. Make sure the plug is pressed in firmly before tightening it.

Prime/refill the canister by turning the truck's ignition key to "ON." Listen for the hum, hum of the fuel transfer pump. Listen for a slight change in the sound pitch of the hum (about 20 seconds). Recrank your truck. (See you again in 15k miles.)