

K.B.D Diesel Performance PRODUCTS



OR



Includes:

- 1. Billet Aluminum CAT filter adapter
- 1. 1R-0750 CAT **OR** CAT 1R-0749 fuel filter

Note: With 1R-0749 fuel filters, a filter head spacer is required.

CAUTION: Never work on a hot vehicle. The hot exhaust system or hot engine can cause serious injury in the form of burns. If the vehicle has been in use or the engine was running and the exhaust system or engine is hot, allow the engine to cool for a minimum of one hour prior to starting the job. Always wear eye protection when working on or under the vehicle. Before removing any of the original parts from your vehicle, please compare the parts you have received with the picture and parts list of the kit you ordered. This assures that you have all the parts necessary for the installation. Prior to disassembly, we suggest applying penetrating fluid, such as PB-Blaster™ or JB-80™ to all exhaust fasteners. Before working on the vehicle, be sure it is parked on a level surface and is chocked to prevent the vehicle from rolling. Please also be sure the keys are removed from the vehicle for your safety.

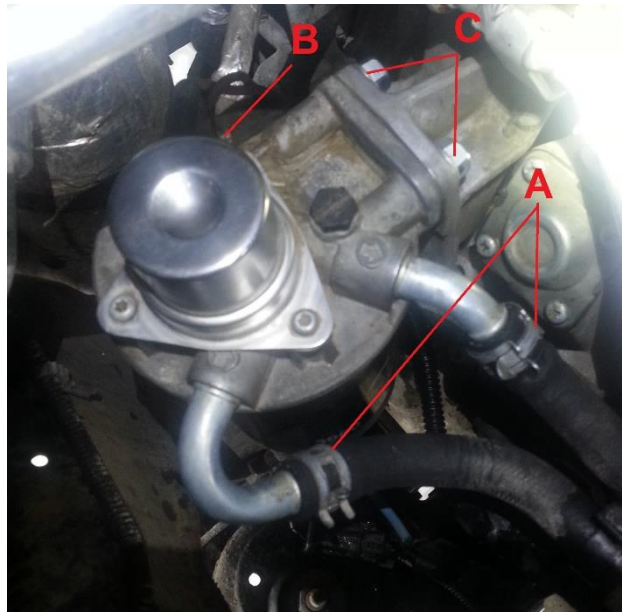
1: Be sure your new parts are perfectly clean in order to prevent contamination of the fuel system.

2: Disconnect the batteries. Remove the air intake tube to allow the necessary room for installation.

3: Locate the fuel filter assembly on the passenger side of the engine compartment. Unplug the water in fuel sensor located at the bottom of the OEM style fuel filter. Loosen the fuel filter from the filter head but do not remove.

K.B.D. Diesel Performance PRODUCTS

4: Mark the locations of fuel lines (A) and remove. Avoid damaging these fuel lines.



5: Unplug fuel heater wire (B) and remove T20 Torx screw (B) holding the ground terminal to the filter head. Retain the screw for reassembly.

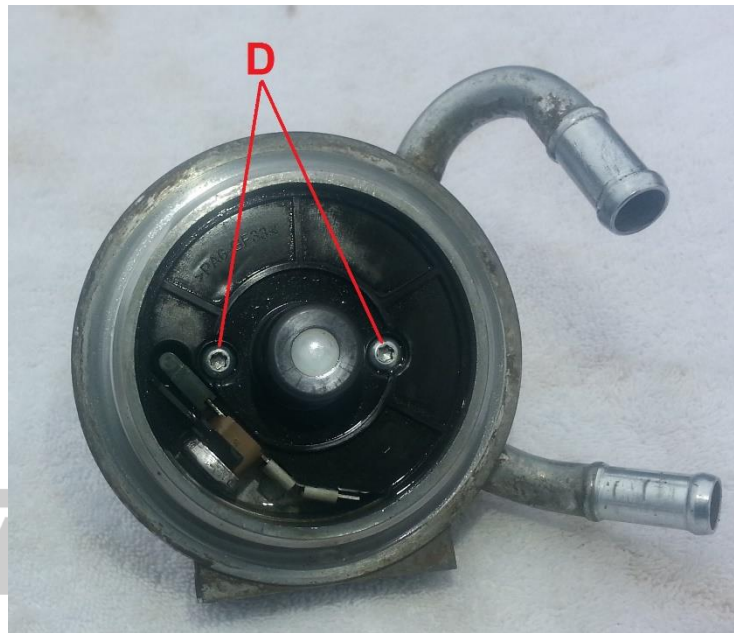
K.B.D. Diesel Performance PRODUCTS



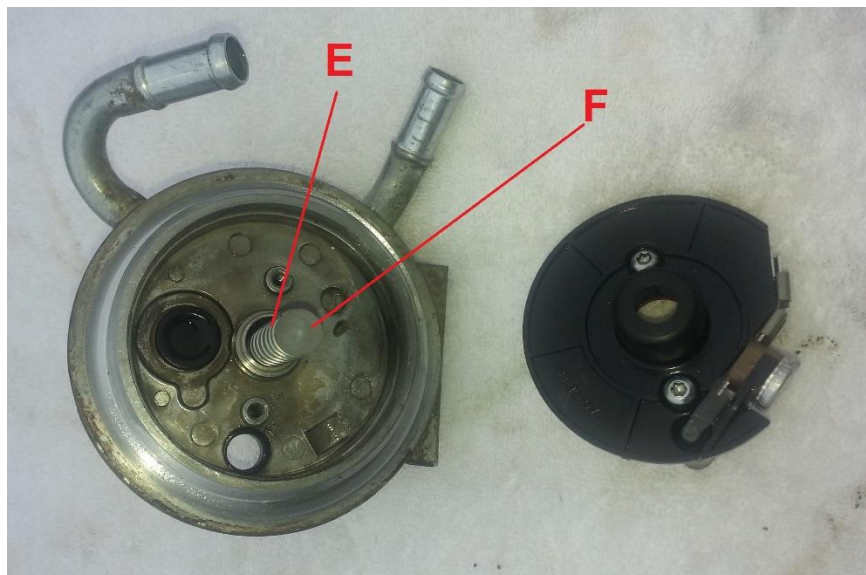
6: Remove 2 metric flange head bolts (C). Retain the 2 flange head bolts for reassembly unless a filter head spacer is being installed.

7: Pull the filter assembly out of the engine bay and remove the fuel filter completely. Now is a good time to zip tie the water in fuel wiring harness out of the way in the engine bay.

8: On the bottom side of the fuel filter head remove two T20 Torx screws (D). Retain these screws for reassembly.



9: Pull the black plastic heater assembly away from the fuel filter head. Remove spring (E) and ball (F).



10: Re-install the black plastic heater assembly using Torx screws (D).

11: Screw the KBDP CAT filter adapter onto the Duramax filter head. Then screw the CAT filter onto the KBDP filter head.

12: Install the filter assembly back into the engine bay. Use the 2 metric flange bolts (C) unless a filter head spacer is being installed, in which case you will need the longer flange bolts provided with the spacer. Connect the fuel lines (A) in their proper locations. Lastly, connect the fuel heater wires (B) using the push connector for the red wire and the Torx screw for the black terminal. Before moving onto the next step, be sure the CAT filter and KBDP filter adapter are screwed to the GM filter head tightly.

13: Bleed the fuel system of air using the normal priming procedure.

Pump the priming plunger then crack the bleeder screw at the top of the fuel filter housing allowing the air to escape; then close the bleeder screw. Repeat this procedure until there is no air left in the system.

Occasionally, the system will need re-primed after the initial startup.

14: Reinstall the air intake tube and reconnect the batteries. Start the engine and check for leaks.

Congratulations on your installation!

Check out our other Duramax parts!



KBDieselPerformance.com

Intake Elbows, Fuel Rail Plugs, Tie Rod Sleeves & More!

