

2018-2020 3.0L POWERSTROKE EGR DELETE

Installation Guide

This source manual is image-based. The original instruction pages are preserved below as installation references.



EGR DELETE KIT

2018+ 3.0L Powerstroke F150



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PACKING INCLUDE

- 1 X Intake blocker plate
- 1 X EGR feed pipe blocker plate
- 1 X Coolant drain plug
- 1 X Coolant feed plug
- 2 X Blue Coolant Hose



WARNING

CAUTION!!! Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

Note: For your safety we recommend disconnecting any negative battery terminals whenever working on any vehicle. Installation of the Cold Air Intake requires removal of the plumbing to the turbo intake. Use caution not to get any dust, debris, or tools left where they may enter the system.

INSTALLATION NOTES

Note: Note: Prior to installation, please compare the parts that you have received with the bill of materials listed above to ensure that you have all the necessary parts for installation.

INSTALLATION STEPS

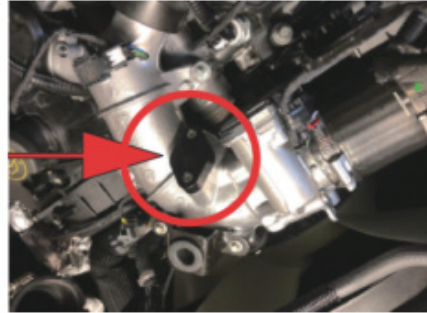
Step 1: Drain coolant from the system. You will find the coolant drain looking up from underneath the radiator. See FIG A



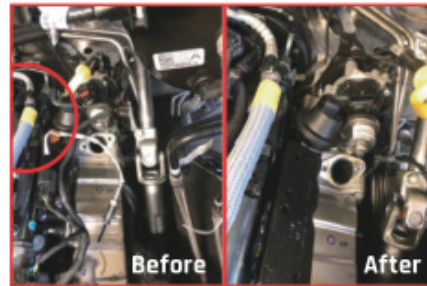
Step 2: Remove the plastic air filter housing, intake piping and engine cover to expose the EGR crossover tube. See FIG B



Step 3: With the plastics removed you can now remove the EGR crossover tube and install the first black plate #A onto the intake. SEE FIG. C



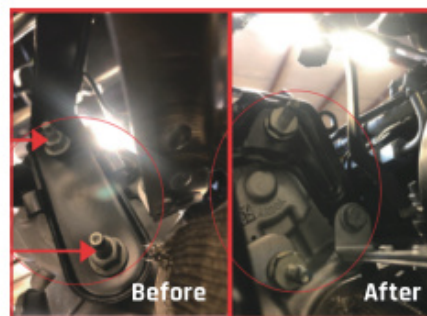
Step 4: Remove the electric connectors from the EGR valve as well as vacuum line running from the EGR bypass valve. You can fold the vacuum line over on itself and use a zip tie to block the line. SEE BEFORE & AFTER IMAGE BELOW.



Step 5: Remove the bracket holding the lines to the side of the cooler. See FIG. D



Step 6: Remove the bracket holding the dipstick tube to the back of the EGR valve. Two Bolts shown in FIG. E .



Step 7: Now that you have access, remove the two bolts for the EGR pipe from the back of the valve. See FIG. F



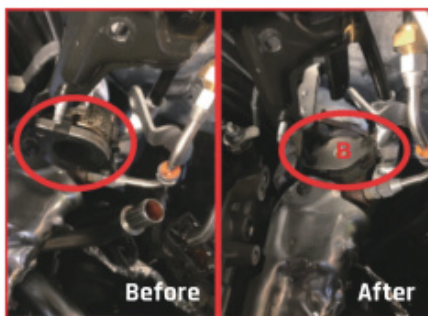
Step 8: Remove both lines off of the EGR cooler. One on top and one held on with a 10mm on the side.



Step 9: Remove the 3 bolts holding the EGR cooler to the brackets and carefully pull the cooler and valve as one piece. Then you can remove the 2 brackets that held the cooler to the engine.



Step 10: Remove the EGR feed pipe from the manifold and install the block off plate B See FIG. G

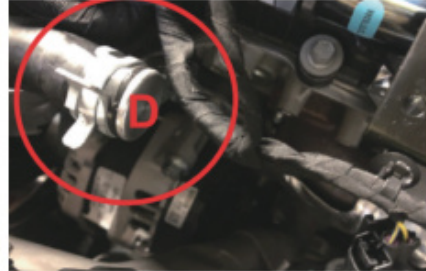


Step 11: Remove the 10mm bolt holding the coolant drain for the EGR cooler. See FIG.E Remove the coolant pipe and install coolant plug C





Step 12: Install the coolant feed plug D into the coolant feed line that used to run to the top of the EGR cooler.



Step 13: Using the brackets that were removed from the back of the EGR valve, remount the dipstick tube and exhaust back pressure sensor/tube and reroute the EBP wire. Be aware of hot or moving parts when running the EBP wire.

Step 14: Using a Ziptie, clean up the old EGR plugs.

Step 15: Refill coolant and reinstall air filter housing and intake piping. Reinstall the plastic engine cover. Run the engine and check for leaks. If no leaks are present then you are finished.



Technical Support: email us service@spelabautoparts.com
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