

DIRTY

DIESEL CUSTOMS

EGR Delete Kit Install For 3.0 EcoDiesel



Skill Level: Moderate

Tools Required:

- Ratchet Set w/various sizes
- Various wrenches
- Small Pry Bar
- Recommended: Torch

Before You start:

- Confirm all parts are present
- Read installation guide
- Allow the cooling system enough time to depressurize

3.0L Ecodiesel EGR Delete Instructions

Step One: Allow the engine to cool down for ease of working and disconnect the battery.

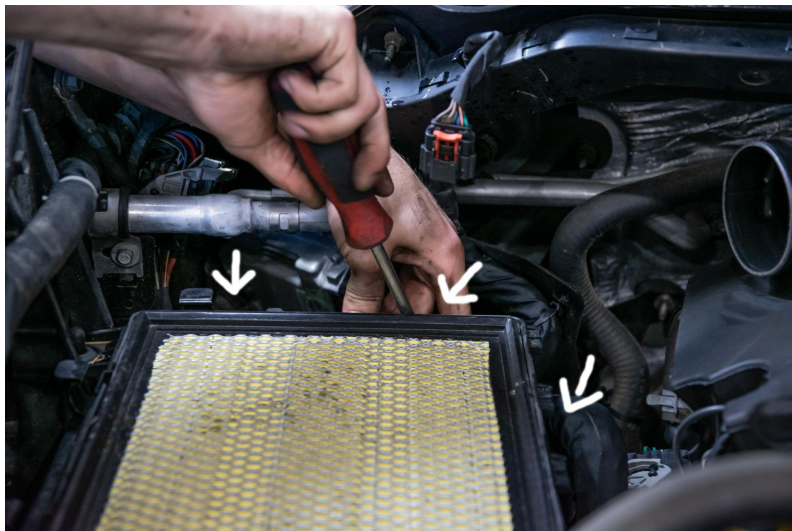
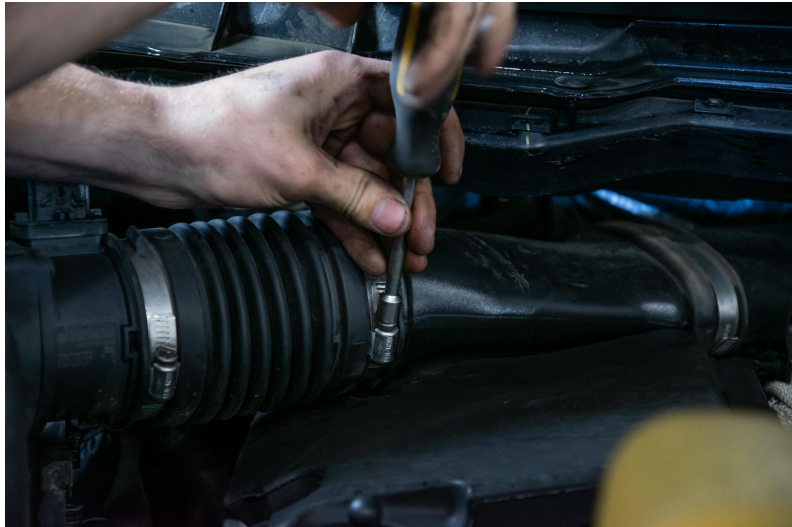


Step Two: Remove the Top engine cover by pulling up on it. Then remove the sound deadening underneath the cover.



Step Three: Remove the intake piping from the air box to the intake manifold.

And remove the airbox by disconnecting the wiring harness clips from the side and pulling up.





Step Four: Drain the coolant left in the EGR Cooler by loosening the return line
****Keep the gasket for step 15****

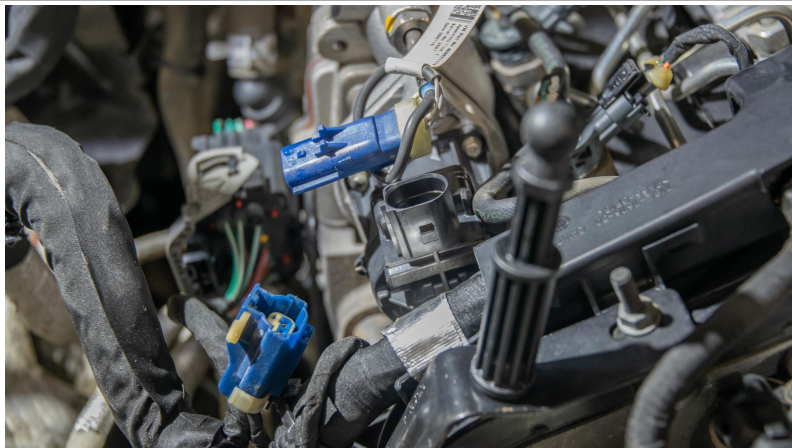


Step Six: Remove the crossover pipe to the intake





Step Seven: Disconnect the electrical connections to the EGR



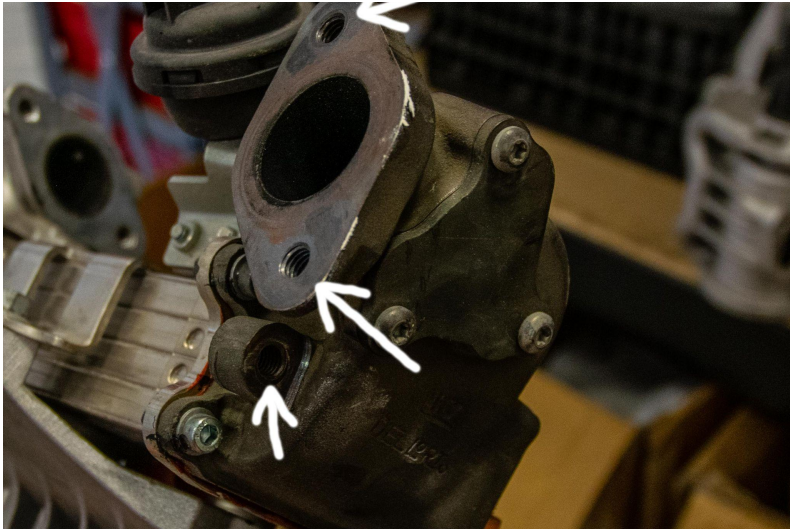
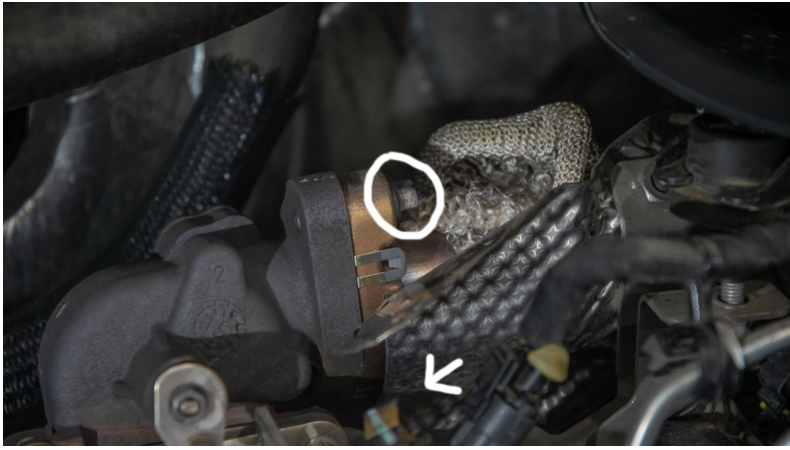
Step Eight: Remove the harness clipped to the black plate on the side of the EGR cooler and then undo the plate's two bolts.



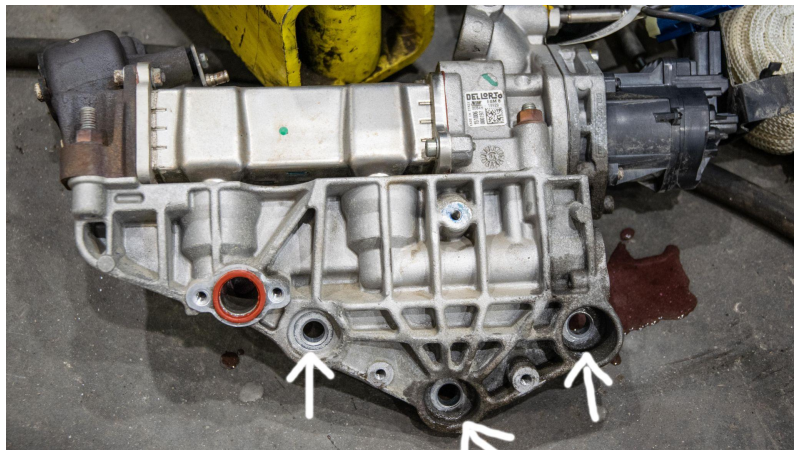
Step nine: Remove the two torx bits that hold on the vacuum diaphragm at the rear side of the EGR cooler.
Also remove the vacuum line.



Step Ten: Remove the bolts holding the up pipe to the EGR Cooler. There are two bolts and then a T40 torx bit holding it on the bottom. Shown in the 3rd picture are the bolt locations.



Step Eleven: Remove the 3 13mm bolts that hold the EGR cooler to the head



Step Twelve: Disconnect the exhaust from the downpipe. Easiest to access if you remove the fender liner.



Step Thirteen: Remove the 3 bolts that hold the EGR pipe to the manifold. We highly recommend heating them with a torch + penetrate spray. Then install the blocker plate in its place, reusing the factory gasket.





Step Fourteen: Install the blocker plate on the intake manifold.

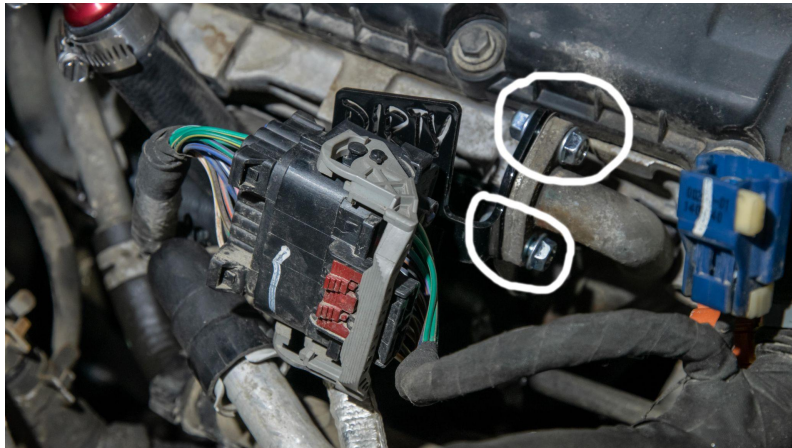
Install the L-shaped hose in place of the coolant line that supplied the EGR cooler on the passenger side. Install the coolant connector to connect the coolant lines.



Step Fifteen: Install the Dirty Bracket that acts as a blocker plate for the front coolant line and the bracket for the electrical harness connector mounted to the side of the EGR Cooler.

****This is where that gasket is needed that you saved from earlier****

Install the gasket between the front cooler line and the bracket.



Step Sixteen:
Reinstall the airbox: Make sure the intake piping is tight or the truck will not start

Refill the Coolant: Confirm the level after a drive to make sure it's cycled properly.

Double check: Make sure all electrical connectors and hoses are clear of excessive heat and rotating assemblies.



Step Seventeen: Now that your tuning and parts are installed, run the vehicle to make sure there are no warning lights or leaks.



Head Out And Enjoy your
Ecodiesel!

