



ATTENTION VERY IMPORTANT - PLEASE READ

IF YOU PURCHASED THIS ITEM FROM EBAY, WE WANT YOU TO KNOW THAT EBAY HAS ALWAYS GIVEN YOU, THE BUYER, THE STRENGTH TO VOICE YOUR OPINION OF EBAY SELLERS BY LEAVING POSITIVE, NEUTRAL OR NEGATIVE FEEDBACK RATINGS ALONG WITH YOUR COMMENTS.

NOW EBAY HAS GIVEN YOU A LOUDER VOICE BY ASKING YOU TO CRITIQUE A SELLER'S ITEM DESCRIPTIONS, SHIPPING COST, SHIPPING TIME AND THE ABILITY TO COMMUNICATE WELL WITH YOU, THE BUYER. UNFORTUNATELY FOR US, EBAY HAS COMPLETELY LEFT YOU IN THE DARK AS TO HOW WE ARE TO BE GRADED.

THE DETAILED SELLER RATINGS (DSR) ARE GRADED LIKE A SCHOOL PAPER. A SCORE OF 5 STARS EQUALS A 100%. THIS MEANS THAT EVERYTHING WAS CORRECT AND HOW YOU, THE BUYER, EXPECTED IT. THESE SCORES ARE NOT GRADED LIKE A COMMENT CARD, WHERE A SCORE OF 3 STARS IS SATISFACTORY & A SCORE OF 5 STARS IS "AWESOME".

A SCORE OF 3 STARS IS LIKE GIVING A 50% ON A SCHOOL PAPER. THAT IS A COMPLETE FAILURE. IF YOU FEEL COMPELLED TO SCORE US BELOW A 5 STAR RATING, PLEASE CALL AND TALK TO ONE OF OUR MANAGERS. WE WISH TO RECEIVE A PERFECT SCORE EVERY TIME, AND WE WILL WORK WITH YOU TO THE BEST OF OUR ABILITY TO ACHIEVE THAT. IF YOU FEEL THAT OUR SERVICE IS ANYTHING LESS THAT PERFECT, PLEASE CALL US AND HELP US TO WORK WITH YOU, OUR VALUED CUSTOMER.

JOHN GRIFFITHS – OWNER CUSTOM
DIESEL (877) 259-4977
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Custom Diesel 6.4L EGR Delete Kit



PACKING LIST:

QTY.	DESCRIPTION
1	EGR Block-Off Plate
1	Exhaust Block-Off Plate
1	Exhaust Gasket
2	Coolant Line Plugs
1	Hose Connector
1	Stand-Off Spacer
6	M8-1.25 x 40 Hex Head Bolts
2	M8-1.25 x 16 Hex Head Bolts
2	Plastic Hose Routing Clips
2	M8-1.25 Serrated Flange Nuts

Note: Before removing the original parts from your vehicle, please compare the parts you have received with the bill of materials provided on this page to assure that you have all the parts necessary for the installation of your new 6.4 EGR Delete Kit..

Caution!!! Never work on a hot Vehicle. Serious injury in the form of burns can result if the vehicle has been in use and the coolant system is hot, allow vehicle to cool for at least 1 hour. Always wear eye protection when working under any vehicle.

Step 1: Make sure the front wheels are straight.

Step 2: Disconnect both batteries.

Step 3: Drain the coolant using the coolant drain plug located on the bottom of the radiator on the driver side. (Figure 1)

Step 4: Remove the 3/8" hose that runs to the degas bottle. *Save this hose, as you will need it later on.* (Figure 2)

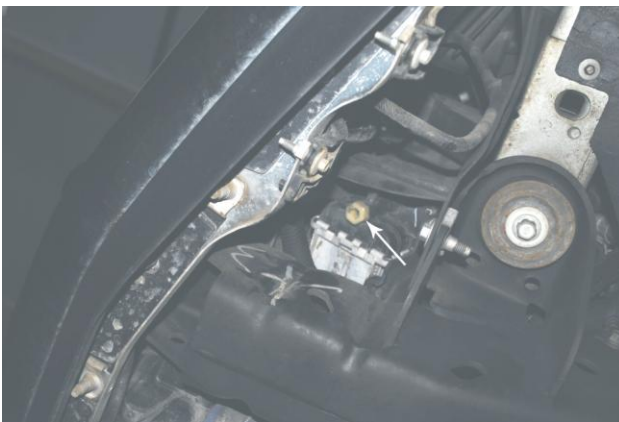


Figure 1

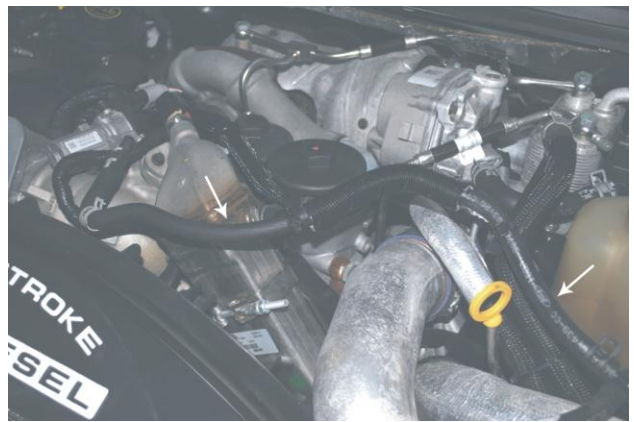


Figure 2

Note: Save the hose from Figure B for use later on!!

Step 5: Remove the upper radiator hose by popping the wire clip out and pulling the hose straight out. (Figure 3)

Step 6: Remove the driver side battery and battery tray by removing the four bolts. The degas bottle is attached to the battery tray so be sure to disconnect all coolant lines going to the degas bottle as well as the vacuum line running to the battery tray. (Figure 4)



Figure 3



Figure 4

Step 7: Disconnect the electrical connector at the top of the vertical cooler followed by the band clamps that hold it in place, as well as the nut and bolt that hold the top of the cooler. (Figure 5)

Step 8: Loosen the clamp on the intercooler tube and pull the tube out of the boot.
Note: It is not necessary to remove the entire intercooler tube. (Figure 6)



Figure 5



Figure 6

Step 9: Disconnect the two coolers from each other by removing the two nuts on the back of the flange and prying the two flanges apart. (Figure 7)

Step 10: Hold the intercooler tube back while pulling the cooler up and out. You may need to try rotating the cooler to get it out of the mount. (Figure 8)

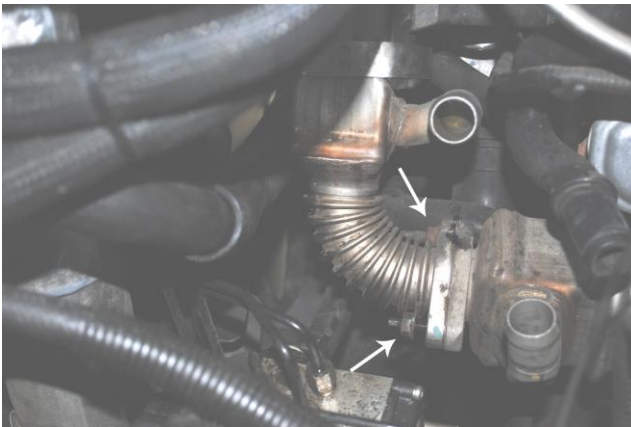


Figure 7



Figure 8

Step 11: Remove the plastic coolant “Y”. It is brittle so be careful when removing it. (Figure 9)

Step 12: Remove the upper radiator hose from the thermostat housing. *Note-If the upper radiator hose is the old version with the single o-ring, you should replace it with the new double o-ring version. The older version is all black, where as the new version has a white end that goes to the thermostat housing (Figure 10)



Figure 9



Figure 10

Step 13: Remove the upper EGR cooler mount. There are three head bolts, and one head stud. Be sure to keep the stud, as you will need it later on to secure the power steering line.(Figure 11)

Step 14: Remove the nut that secures the dipstick tube in place. Do not discard nut.(Figure 12)



Figure 11

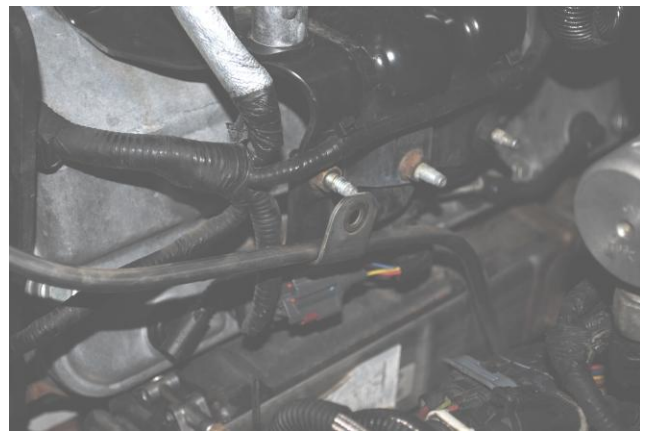


Figure 12

Step 15: Remove the steering shaft bolt and slide the stem up and off of the steering box side. Be sure not to turn the steering wheel or tires. (Figure 13)

Step 16: Loosen and remove the nuts on the band clamps that hold the lower egr cooler in place. In some cases it may be easier to get the them through the wheel well. (Figure 14)



Figure 13

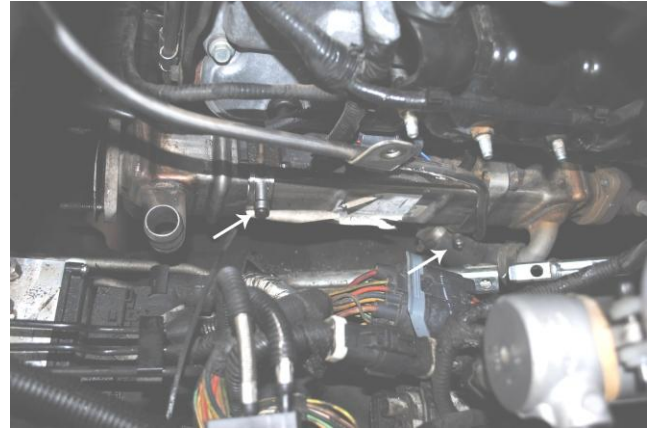


Figure 14

Step 17: Remove the rear cooler hose. It may be easier to cut this hose. (Figure 15)

Step 18: Remove the two bolts from the rear of the cooler; it is easiest to remove the top bolt from above and the bottom bolt from underneath the truck. (Figure 16)



Figure 15



Figure 16

Step 19: Rotate the cooler and pull it forwards to remove it from the bracket. You will need to move the dipstick out of the way to do so. (Figure 16)

Step 20: At the front of the coolant line that is attached to the cooler bracket, remove the bolt that holds the coolant tube to the timing cover. *Note- the tube and the cooler bracket will come off in one piece. (Figure 17)

Step 21: Remove the four bolts from the lower cooler bracket. (Figure 17)

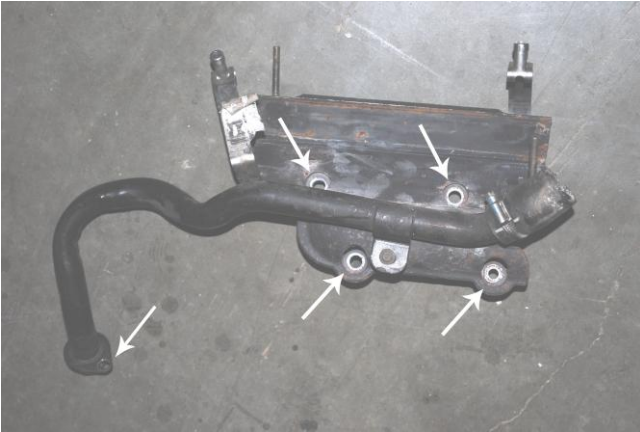


Figure 17



Figure 18

Step 22: Install the four new exhaust manifold bolts and torque to factory specs. (Figure 18)

Step 23: Install the exhaust block off plate using the 2 new bolts and nuts and exhaust gasket. (Figure 19)



Figure 19



Figure 20

Step 24: Re-install the dipstick hold down nut.

Step 25: Remove the upper cooler hose and steel tube that was attached to the top of the upper cooler and discard. (Figure 20)

Step 26: Install the Sinister coolant plugs using the factory hardware in place of the lines that came from the cooler. (Figure 21)

Step 27: Re-install the stud that was saved from step 12 with the standoff that has been provided Then re-install the power steering line support bracket. (Figure 22)

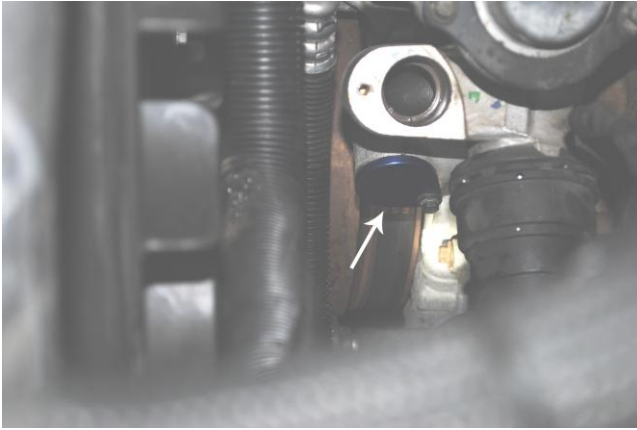


Figure 21

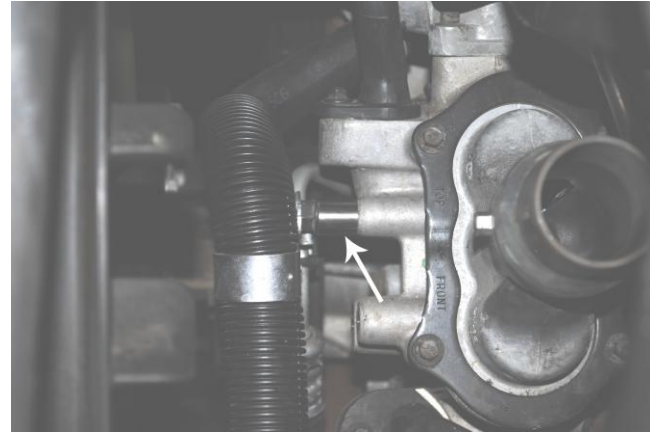


Figure 22

Step 28: Re-install the plastic “Y” being careful not to break it.

Step 29: Reconnect the steering shaft and torque to factory specs.

Step 30: Re-install the battery box. Remember to hook up both coolant lines and the small vacuum line.

Step 31: Clean the end of the silicone boot and intercooler tube and re-install.

Step 32: Re-install the upper radiator hose making sure that the metal clips are securely in place.

Step 33: Install the egr block off plate where the top of the upper cooler was attached.

Note- we have supplied two bolts for this plate so that the stud can be removed if you choose to do so.
(Figure 23)



Figure 23

Step 34: Use the 3/8" hose that was saved from step 4 to make a piece to reconnect the coolant line to degas bottle and splice it together using the supplied nipple and the existing hose clamps. Use the black routing clips to hold the line in place. (Figure 24)

Step 35: Re-route the loose coolant hose on top of the engine back around open coolant port next to the egr block off plate using the factory hose clamps. (Figure 25)

Step 36: Fill the truck up with the correct coolant and run the truck checking for leaks. Once the truck reaches operating temperature, top off the coolant.



Figure 24



Figure 25