2020+ 6.7L Powerstroke

EGR Delete Kit

Installation Manual

Caution!
Never work on a hot vehicle as serious injury in the form of burning can result if the vehicle has been in use. Allow the vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle! How are you supposed to enjoy your upgraded rig if you can't see to drive it!

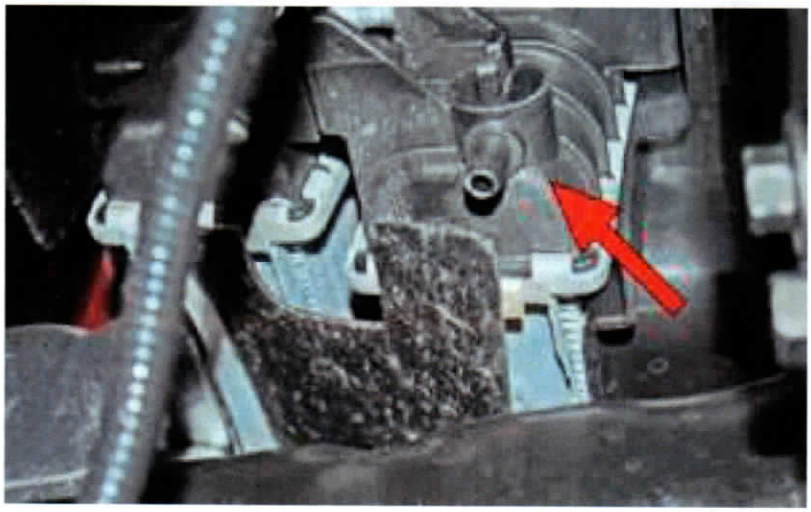
Note: The use of penetrating spray can (and should) be applied liberally to all exhaust fasteners as soon as possible to aid in removal.

Kit Contents

Item	QTY
EGR Cooler Pass Through Plate	1
Intake Manifold Block Off Plate	1
Exhaust Manifold Block Off Plate	1
EGT Probe Adapter	1
Large Stainless Steel Hose Clamp	2
Small Stainless Steel Hose Clamp	2
5/16" Brass Hose Coupler	1
3/8" Brass Hose Coupler	1
M6x20MM SS SHCS Bolt	2
M8X25MM HBOLT FLANGED	2
M6x30mm SS SHCS Bolt	3
Vacuum Hose Cap	1
Zip Tie	4

Step 1: Disconnect the negative terminal on both batteries.

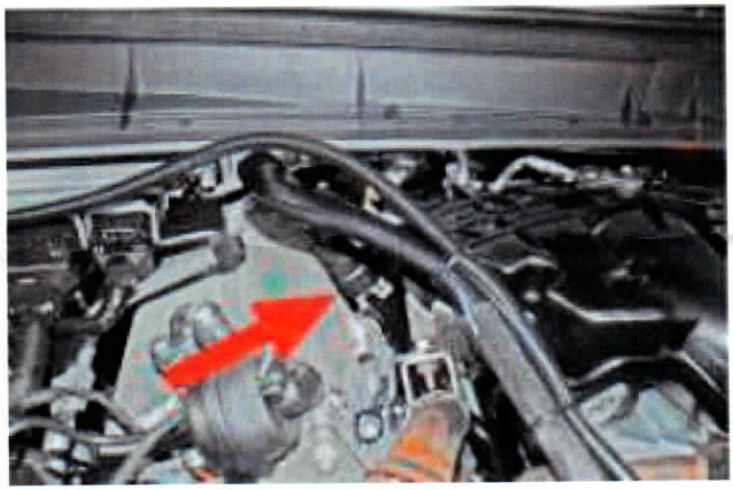
Step 2: Drain approximately 12 litres (that's about 3 US gallons) of coolant from both the hot and cold sides of the radiator. Turn the drain 90 degree counterclockwise, then pull outwards and turn an additional 90 degrees counterclockwise.



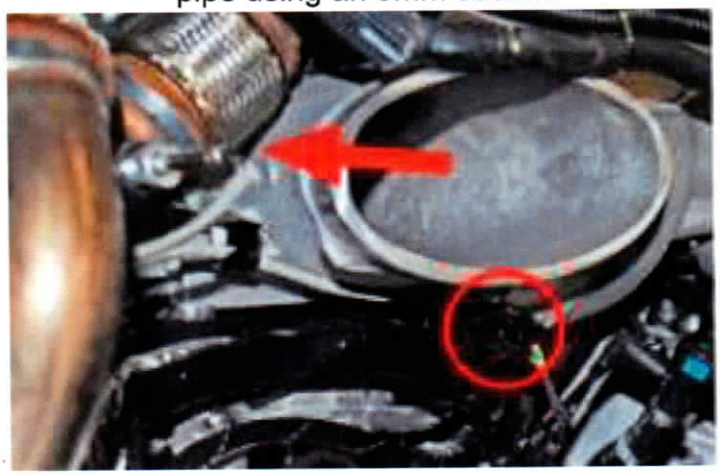
Step 3: Loosen the two clamps on the air intake tube using a 7mm socket and unplug the MAF sensor that is located on the intake tube by releasing the red locking tab. Remove the air intake tube.

Step 4: Remove the left most hose from the coolant Tee. The coolant hose from the top of the quick connect coolant line at the metal stand pipe will reconnect here.

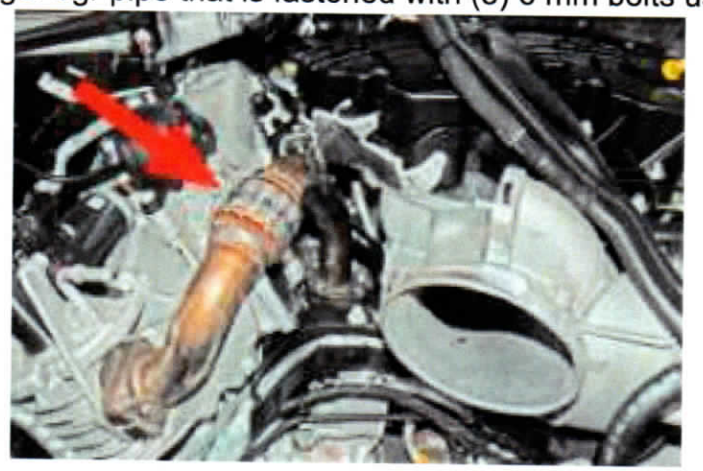
Step 5: Disconnect the quick connect coolant line from the metal stand pipe that is between the egr cooler and the intake manifold.



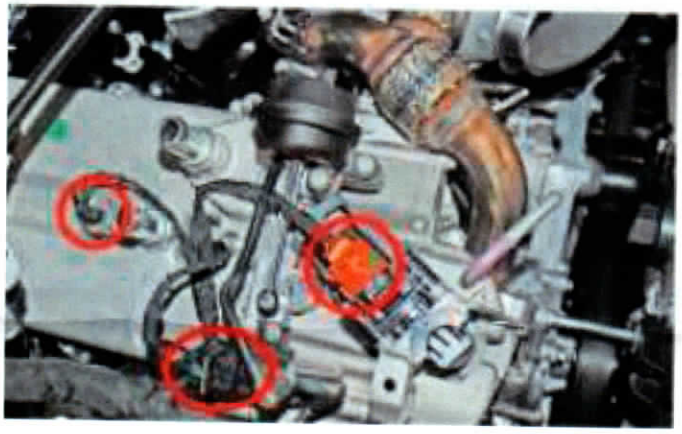
Step 6: Disconnect the egr temperature sensor using a 14mm wrench and remove the short egr pipe using an 8mm socket.



Step 7: Remove the longer egr pipe that is fastened with (5) 6 mm bolts using an 8mm socket.

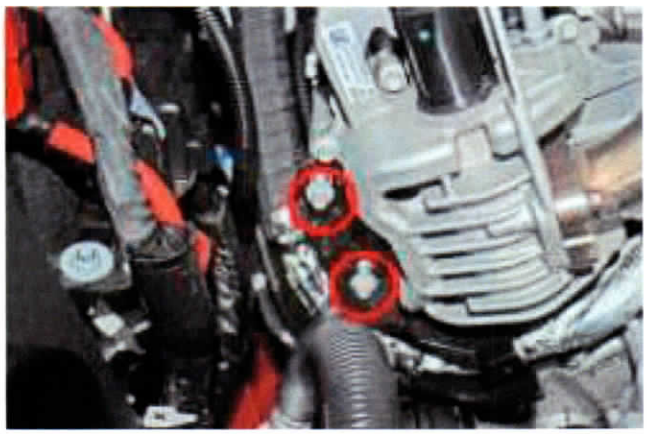


Step 8: Unplug the harnesses on top of the egr cooler and vacuum hose by first removing the 90 degree fitting. Install the supplied vacuum hose cap and zip tie the harnesses to the PCM harness.

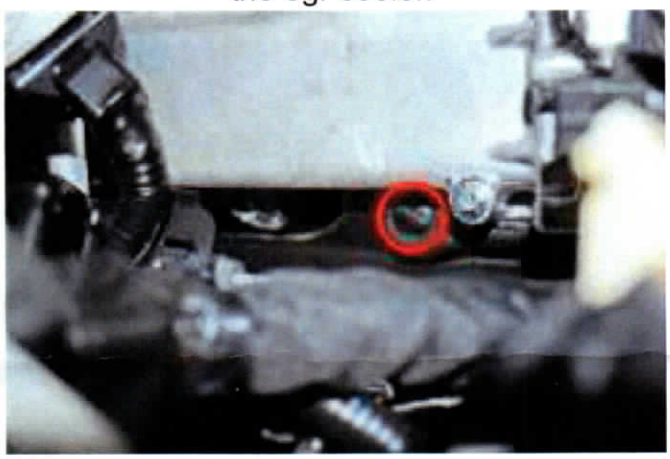


Step 9: Unplug the PCM harness from the PCM and secure out of the way.

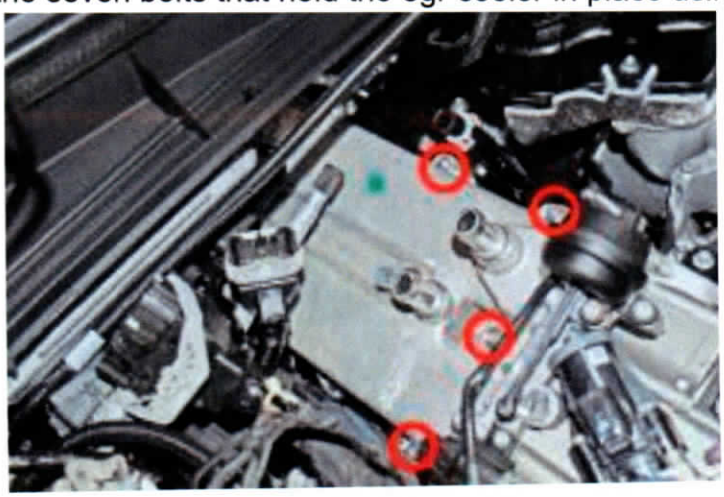
Step 10: Remove the two bolts that secures the wiring harness to the egr cooler using an 8mm socket.



Step 11: Remove the two clips on the heat shield that are located on the passenger side under the egr cooler.

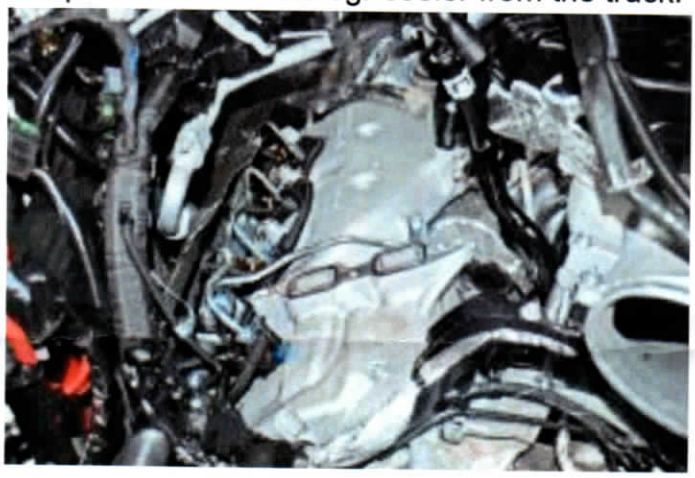


Step 12: Remove the seven bolts that hold the egr cooler in place using an 8mm socket.



Step 13: Remove the 10mm nut that retains the EBP hard line to the back of the EGR cooler. Note that on 2015-2016 trucks, the nut is a 12mm.

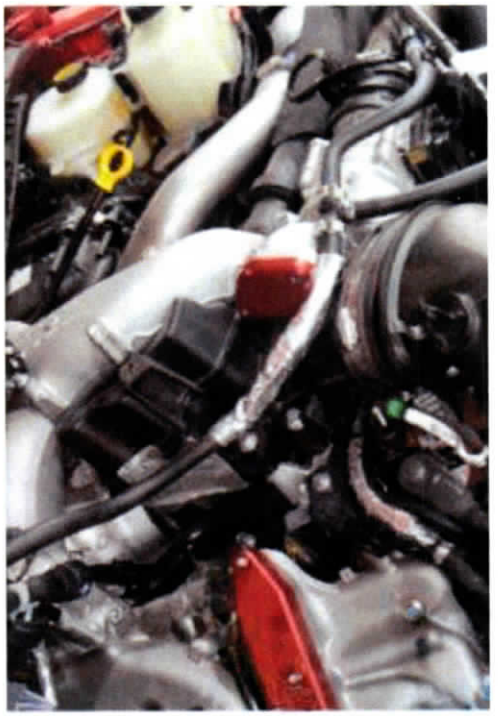
Step 14: Remove the egr cooler from the truck.



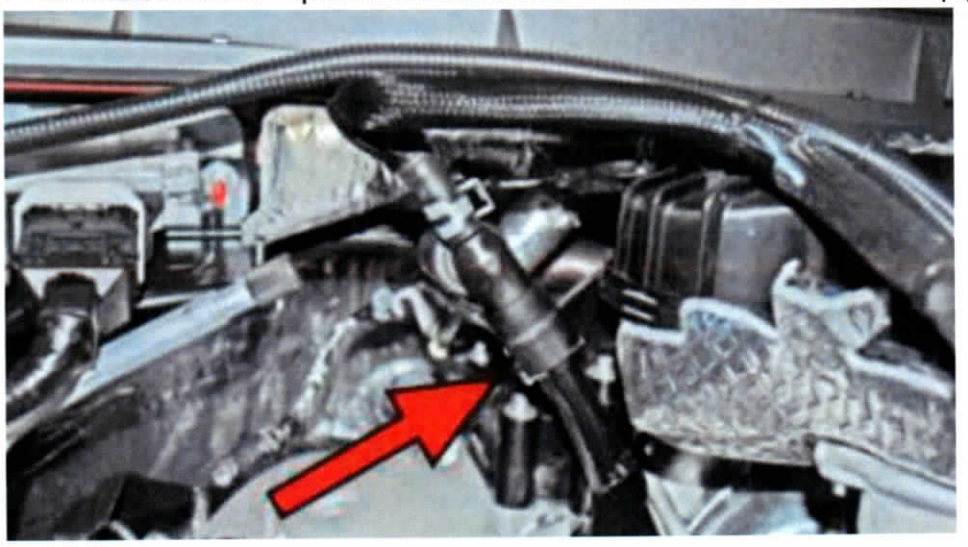
Step 15: Install the supplied exhaust manifold block off plate and factory gasket using two of the supplied M8x25mm flange head bolts with a 12mm socket. If not installing an aftermarket 1/8" EGT Probe, install the supplied EGT Probe Adapter with a 5/8" socket and one of the factory EGT sensors from the DPF system.

Step 16: Install the supplied egr cooler pass through plate using three of the M6x30mm bolts with a 5mm allen wrench.

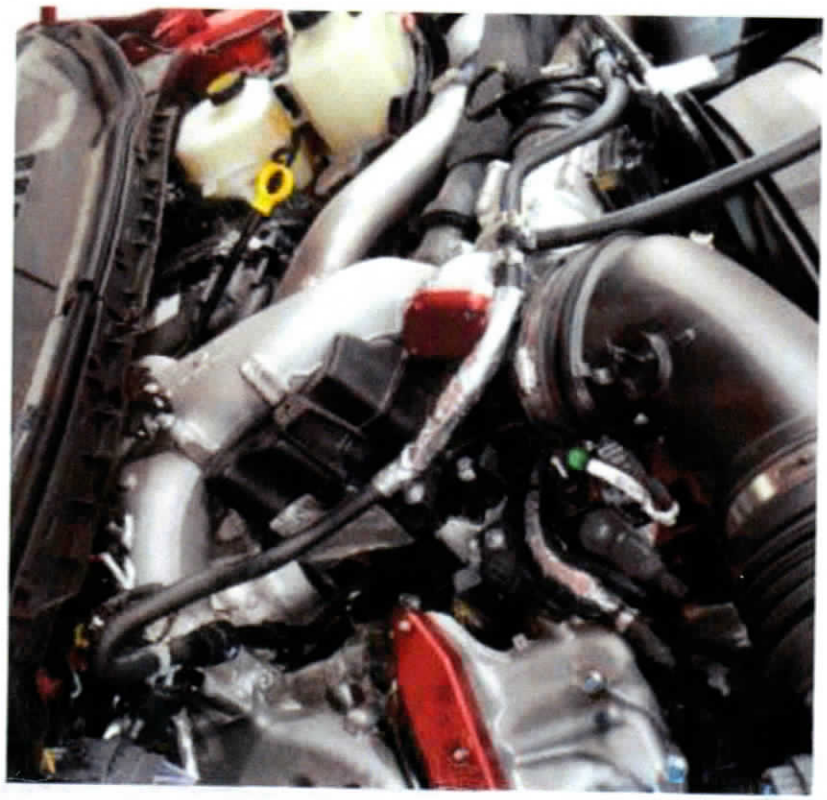
Step 17: Install the supplied intake manifold block off plate using two of the supplied M6x20mm bolts with an allen wrench. Ensure the o-ring is properly seated before installing.



Step 18: Reconnect the quick connect coolant hose to the metal standpipe.



Step 19. Connect the coolant hose on top of the quick connect to the coolant Tee previously mentioned in step 4. You can remove the push in zip tie and tidy the coolant hose routing with provided zip ties. These hoses should be routed roughly as shown below.



Step 20: Reconnect the PCM harness. Make sure the plugs are fully seated.

Step 21: Reinstall all of the intake components.

Step 22: Refill coolant following factory specifications. Run the engine and check for leaks. After the vehicle has reached operating temperature, check coolant level and add as needed.

Complete