

Cummins 6.7L 2007.5 - 2024 EGR Delete Kit

General Installation Guide

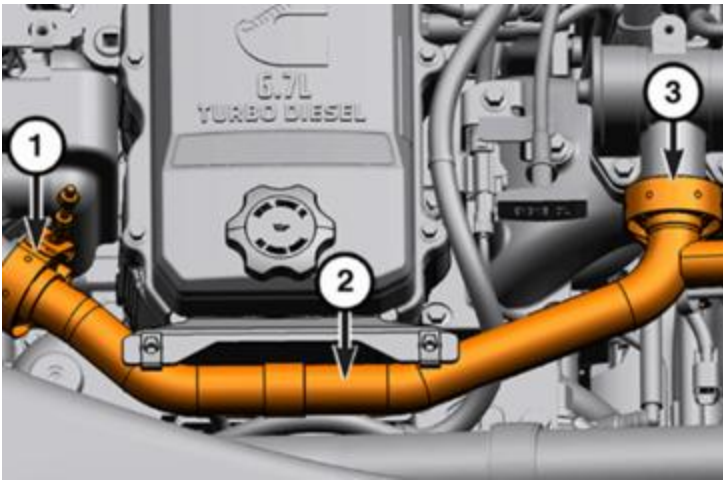


Step 1: DISCONNECT ALL batteries & drain engine coolant.



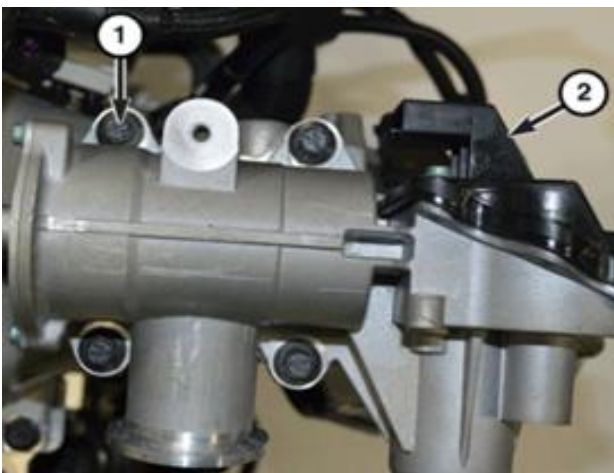
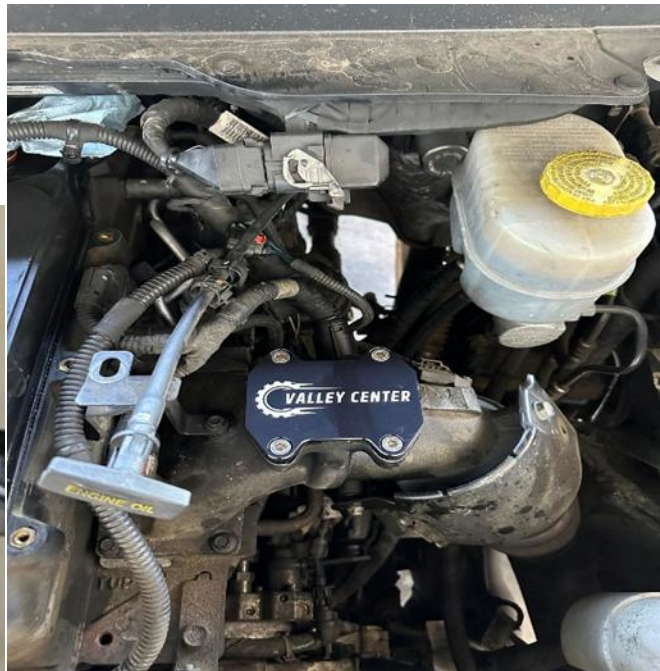
Step 2: (picture above)

Remove the (4x) 8mm bolts holding on the plastic engine cover, pull out the dipstick to take the cover off and put the dipstick back in once the cover is removed.



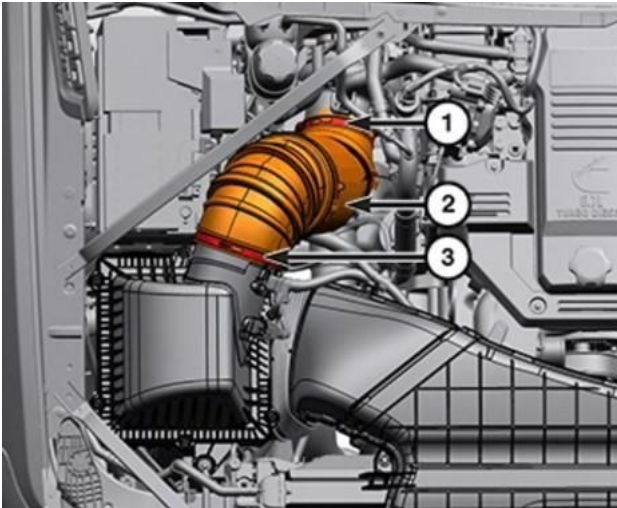
Step 3: (picture above)

Remove (1) 8mm bolt located in line with the oil fill cap under the cross over pipe. Undo V-Band clamp located on the left side of the cross over pipe.



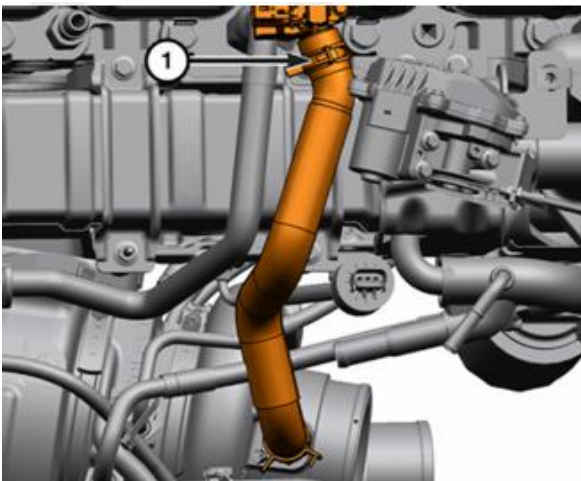
Step 4: (picture above)

Remove four bolts holding in the EGR valve and remove the cross over pipe & valve. Install the provided EGR valve block off plate reusing the factory hardware.



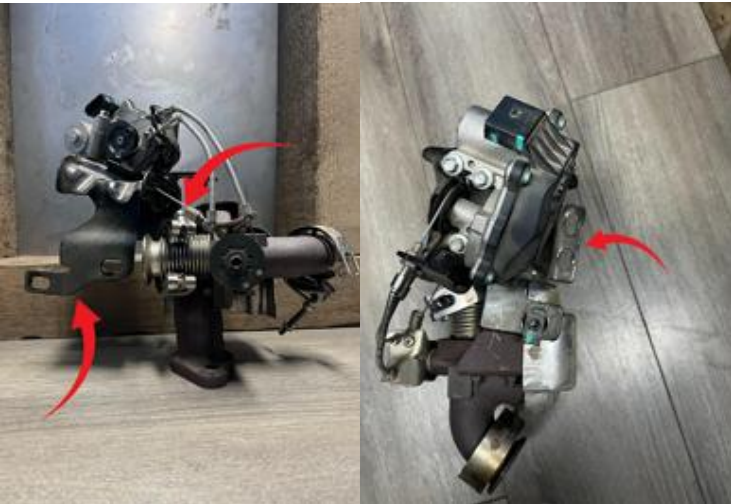
Step 5: (picture above)

Remove airbox & turbo inlet pipe.



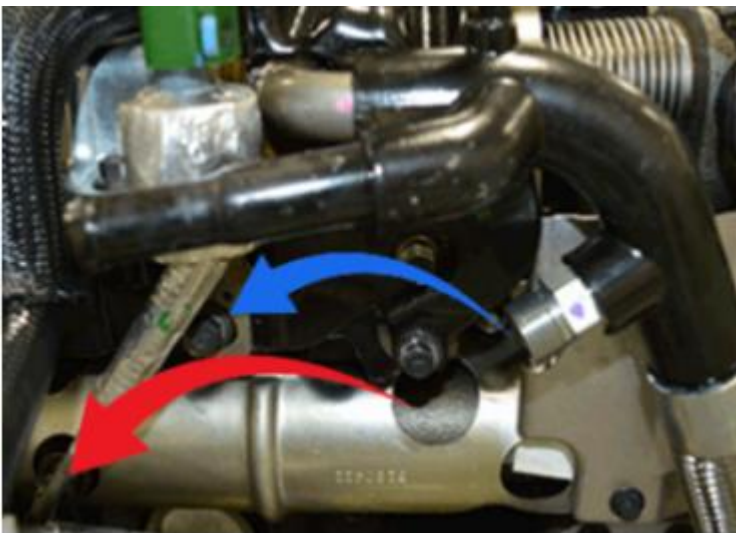
Step 6: (picture above)

Disconnect CCV Hose from CCV Pressure sensor.



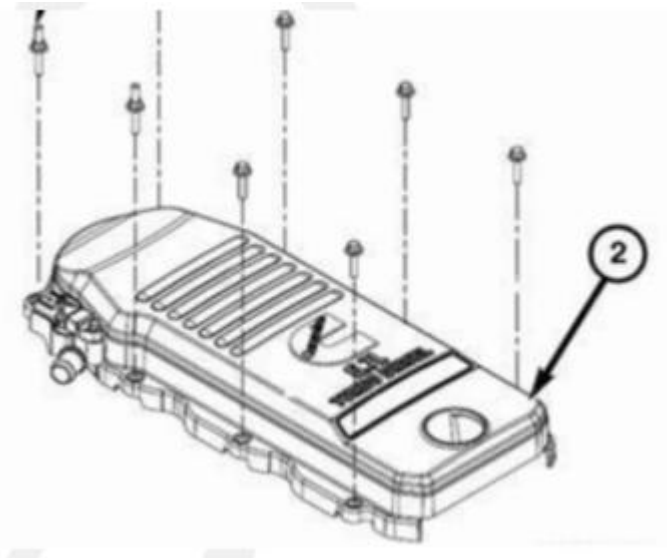
Step 7: (picture above)

Remove 4 bolts for the EGR bypass valve bracket and V-Band clamp that connects to the EGR.



Step 8: (picture above)

Remove bolt (blue arrow) and remove exhaust back pressure sensor (red arrow) or clock it towards the fire wall.



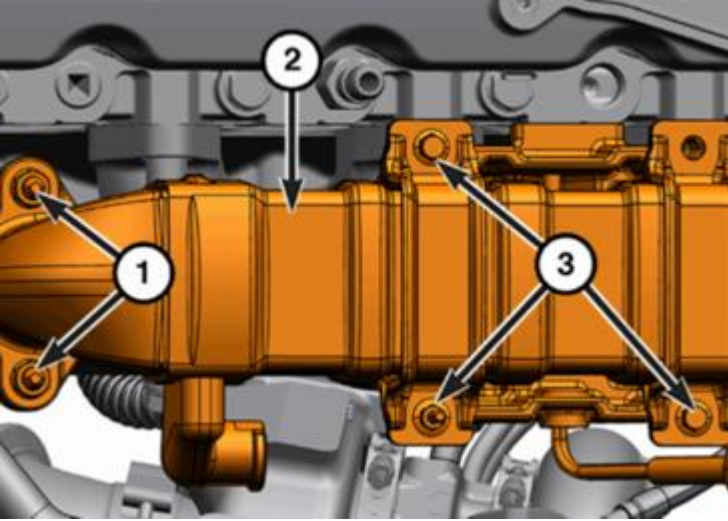
Step 9: (picture above)

Remove the oil cap and CCV cover.



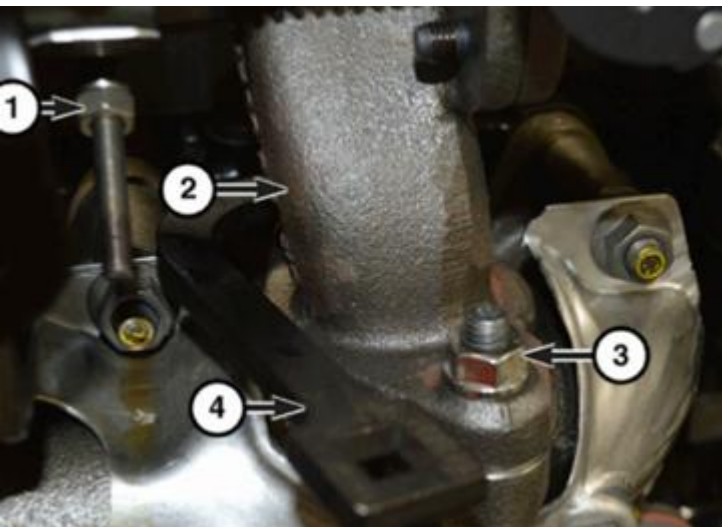
Step 10: (picture above)

Remove the bolt (2) and the rear coolant tube (1) from the EGR cooler



Step 11: (picture above)

installation instructions Remove the EGR cooler mount bolts (3). Remove the nuts (1) and the EGR cooler (2). Remove EGR Cooler. Keep the flange gasket as that will be reused.



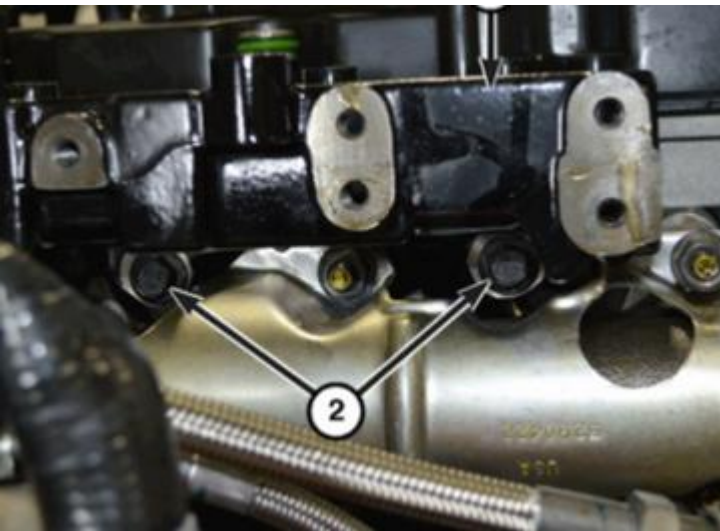
Step 12: (picture above)

Remove the EGR Cooler bypass valve assembly.



Step 13: (picture above)

Install front plate reusing factory hardware & gasket.



Step 14: (picture above)

Remove EGR Cooler mounting bracket bolts and remove the bracket.



Step 15: (picture above)

Install rear plate reusing factory hardware and gasket. Some trucks don't have enough thread on the studs and may need an extra washer or two.



Step 16: (picture above)

Remove factory coolant fitting and replace with supplied barb fitting. Make sure to cover threads with teflon tape or thread sealer.



Step 17: (picture above)

Remove small coolant hose and install provided barbed coolant hose adapter. Reinstall small coolant hose. 13-18 trucks use the black fitting and black lock ring.



Step 18: (picture above)

Install provided coolant hose and trim to fit to provide clearance for CCV sensor.



Step 19: (picture above)

Install provided mounting bracket with supplied standoff hardware (red arrow), attach coolant hose assembly (red circle) and back pressure sensor (blue circle).

Step 20: Reinstall factory CCV cover & hose, reconnect exhaust back pressure sensor.

Step 21: Reconnect batteries, fill engine coolant & follow manufacturer bleeding procedure