



EGR Delete Kit

For 2011-2025 Ford 6.7L
Powerstroke

Installation Manual



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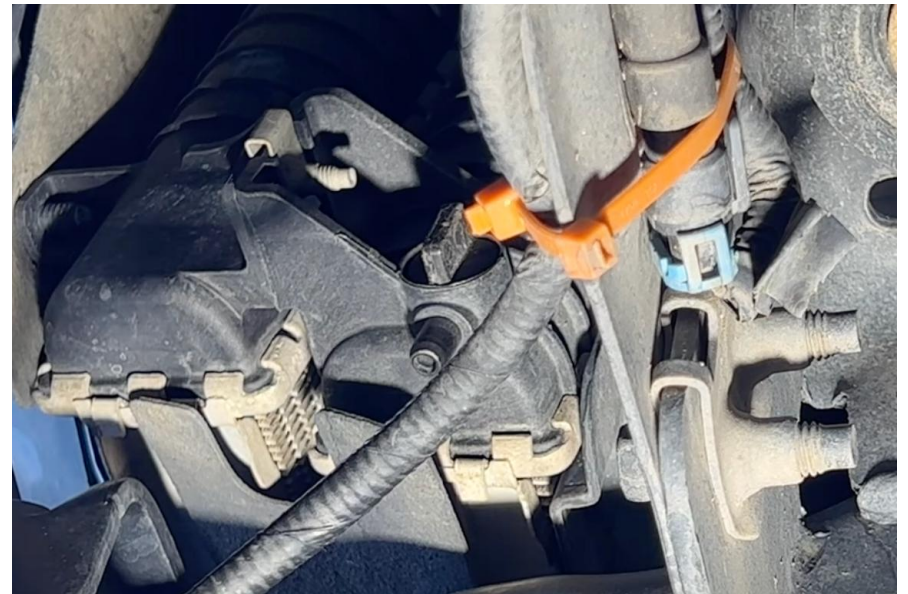
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STEP 1

Disconnect the batteries before beginning installation.

STEP 2

Drain coolant from both the hot and cold sides of the radiator using the drain port located on the driver's side.



STEP 3

Unplug the MAF (mass air flow) sensor on the intake by releasing the red tab to unlock the plug.



STEP 4

Use an 8mm wrench to remove the two bolts securing the intake box and reservoir chamber.

STEP 5

Loosen the two clamps on the intake coupling that connects the intake box to the manifold.

STEP 6

Lift the intake box upward to release it from the rubber mounts securing it.

STEP 7

Detach the three coolant lines from the clips along the remaining intake tube, then remove the tube.

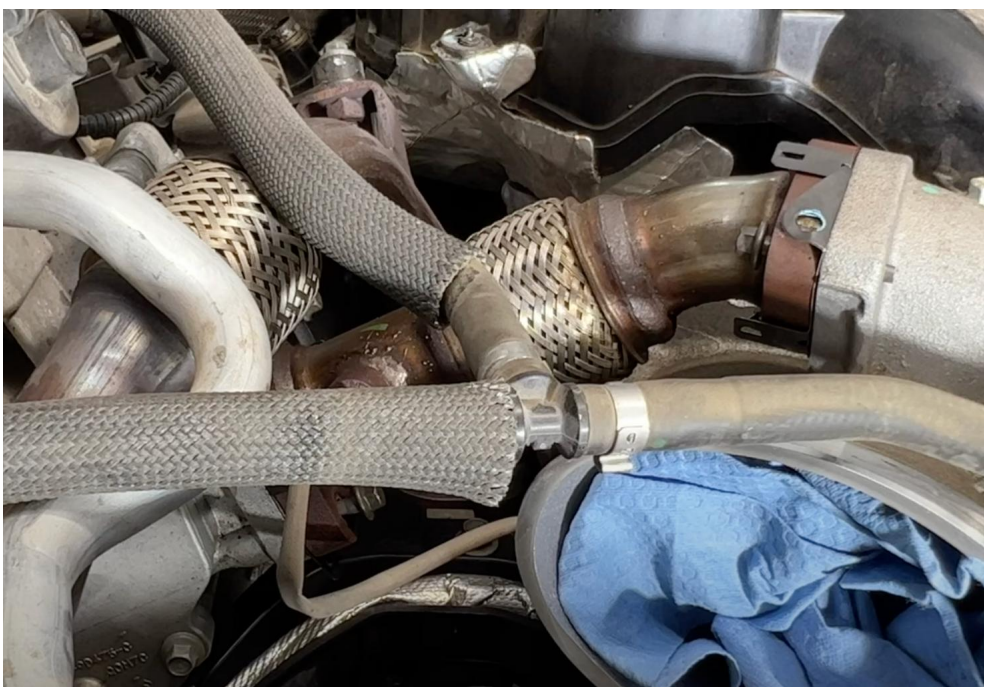
STEP 8

Unfasten the clips and brackets holding the two larger coolant lines to the EGR cooler, and remove the lines entirely.



STEP 9

Remove the two hose clamps from the small “T” coolant line. Disconnect the hoses and install the provided straight barbed fitting.



STEP 10

Connect the provided coolant line from the degas tank (radiator overflow tank) to the open port located near the lower passenger side of the radiator.



STEP 11

Unclip the quick-connect coolant line from the driver's side of the EGR cooler.



STEP 12

Unplug the EGR temperature sensor. Use a zip tie to secure the vehicle-side connector and harness away from any heat sources or moving components.



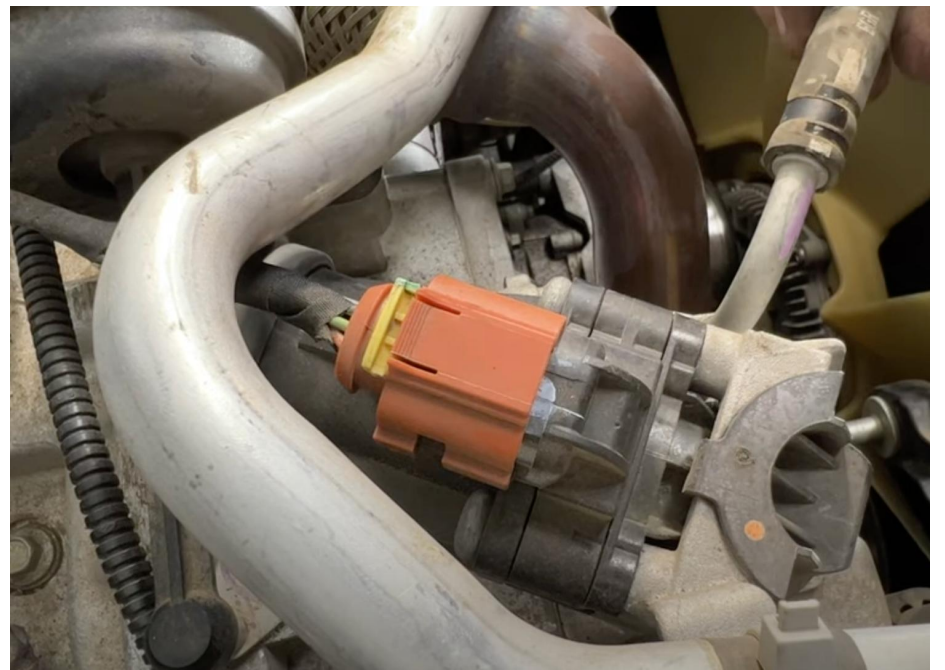
STEP 13

Disconnect the PCM harness from the passenger-side firewall and move it aside to clear the area for installation.



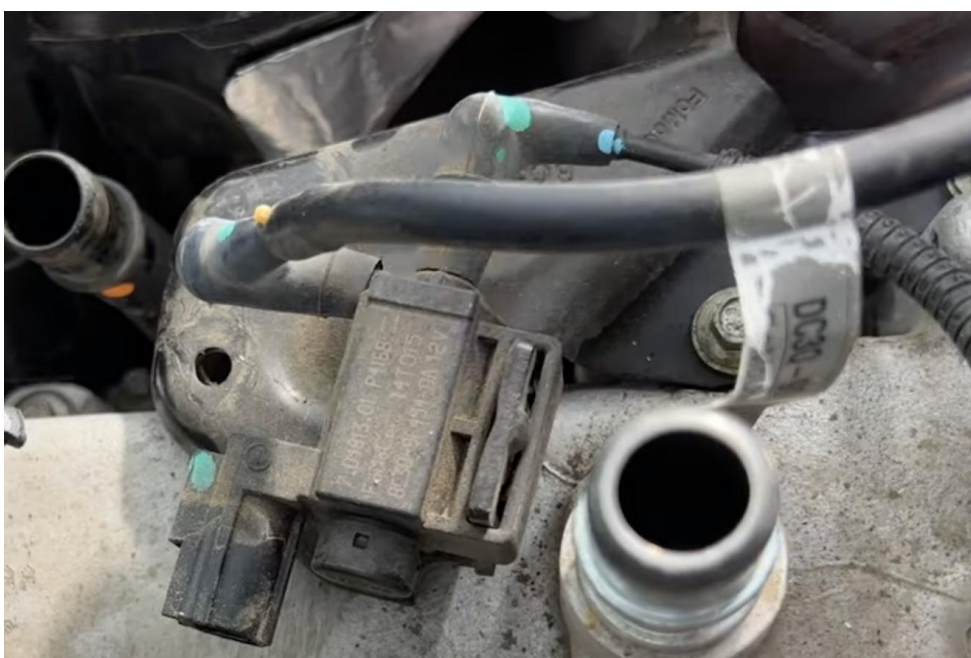
STEP 14

Unplug the harness located on top of the EGR cooler. It includes three connectors: an orange plug with a yellow locking tab, a grey plug, and a black plug secured with a metal clip. After disconnecting, be sure to reattach the clip so it doesn't get lost.



STEP 15

Unplug the vacuum line on top of the EGR system, then pull the hard plastic line from the rubber 90° fitting. Cap the line using the supplied rubber cap.



STEP 16

Unplug the butterfly valve located beside the fan shroud.



STEP 17

Remove the two bolts holding the wiring harness onto the EGR cooler.



STEP 18

Remove the two clips securing the heat shield on the passenger side beneath the EGR cooler.



STEP 19

Remove the short EGR pipe held in place by four bolts. Make sure to keep all hardware and gaskets for reinstallation.



STEP 20

Remove the longer EGR pipe, which is secured with five bolts. Two bolts are on each flange and one is on the support bracket. Keep all hardware and gaskets for reinstallation. Once the pipe is removed, cover the manifold-side opening to prevent debris from entering and causing damage to the engine or turbocharger.

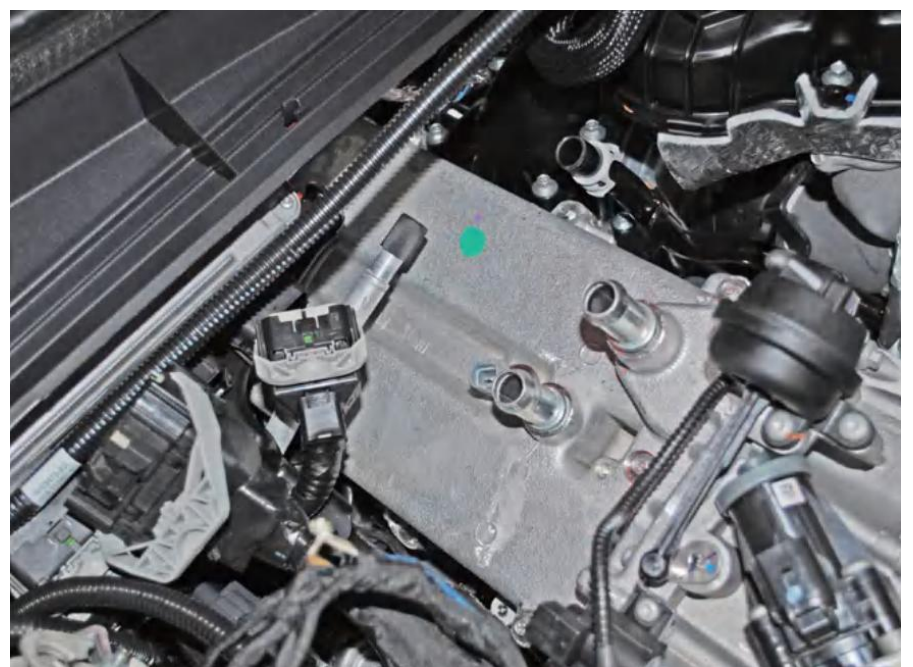


STEP 21

Cover the manifold-side opening after removing the EGR pipe to prevent debris from entering and potentially damaging the engine or turbocharger.

STEP 22

Take out the seven bolts securing the EGR cooler in place.



STEP 23

Take off the nut that secures the hard pressure line to the rear of the EGR cooler, near the firewall.



STEP 24

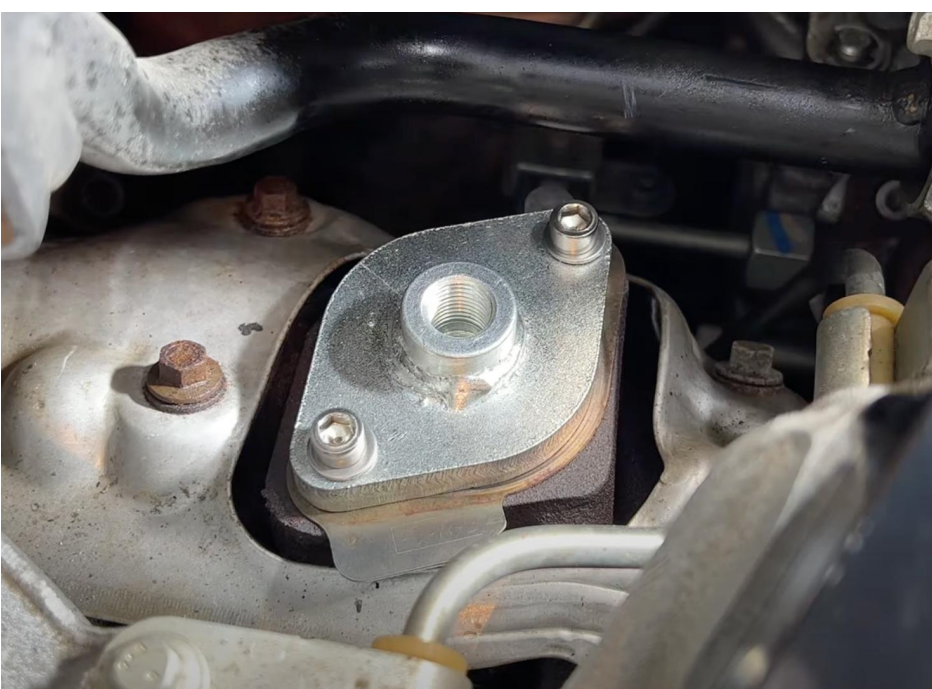
Remove the longer EGR pipe, which is secured with five bolts. Two bolts are on the each flange and one is on the support bracket. Keep all hardware and gaskets for reinstallation. Once the pipe is removed, cover the manifold-side opening to prevent debris from entering and causing damage to the engine or turbocharger.



STEP 25

Install the supplied exhaust block-off plate using the factory hardware and the gasket retained from disassembly.

Depending on the product version you selected, this block-off plate may or may not include a port for the temperature probe.



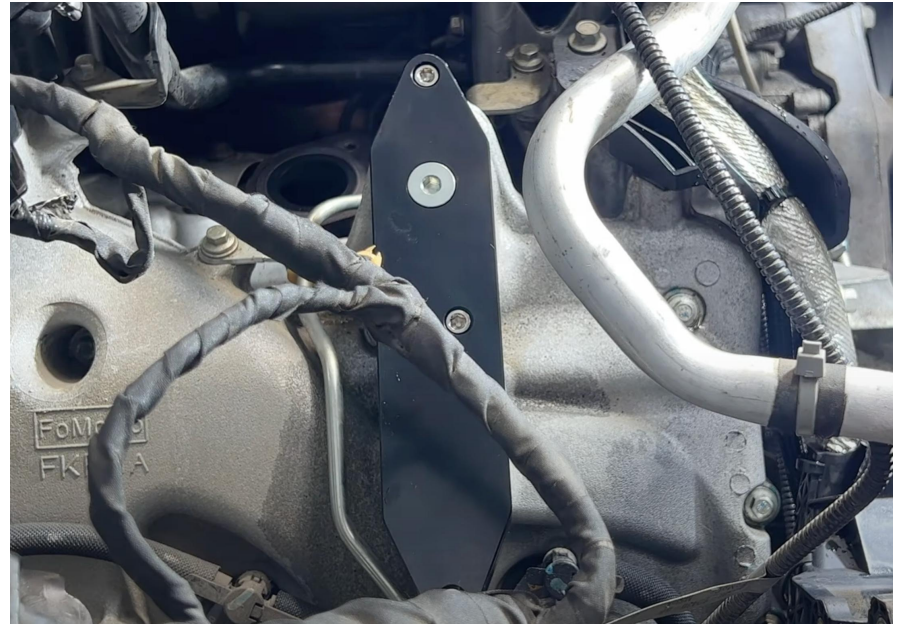
STEP 26

Install the coolant block-off plate using the remaining supplied hex socket bolts. Depending on the product version, you will follow the corresponding installation method as shown in the diagram below.

Version 1



This is the plate located underneath.



The other plate is installed on top of the plate underneath.

Version 1 has a pass-through plate to allow coolant circulation, reducing temperature, while retaining the coolant temperature sensor port.

Version 2



STEP 27

Reconnect the PCM harness, ensuring that all plugs are securely connected.

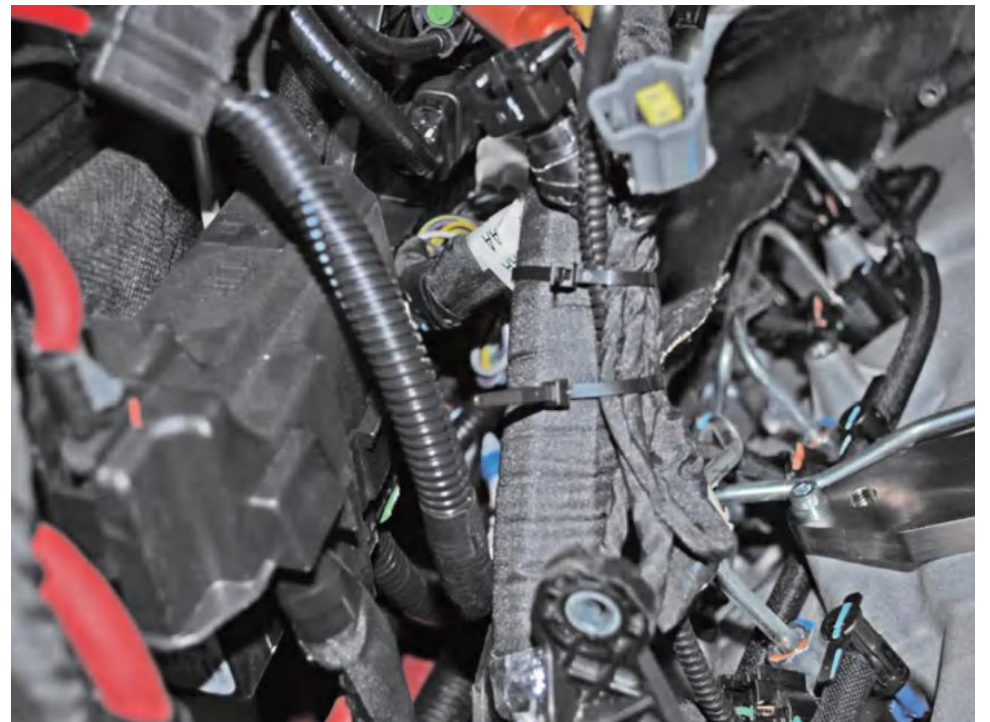
STEP 28

Reconnect the quick-connect coolant line, making sure it is properly seated and secure.



STEP 29

Plug back the ECM. Secure the EGR wires and vacuum line to the PCM harness using zip ties.



STEP 30

Install the intake block-off plate with the O-ring using the provided hex socket bolts. The factory gasket is not required for this block-off plate.



STEP 31

Install the supplied mounting bracket and hardware to secure the hard pressure line previously attached to the back of the EGR cooler. The engine bolt is located at the top passenger rear, where the black plastic intake manifold meets the cast aluminum intake manifold.



STEP 32

Reinstall all intake components.

STEP 33

Refill the coolant according to factory specifications. Start the engine and inspect for leaks. Once the engine reaches operating temperature, check the coolant level and top off as necessary.

Hose Rerouting Instructions (For 2015–2016 Models)

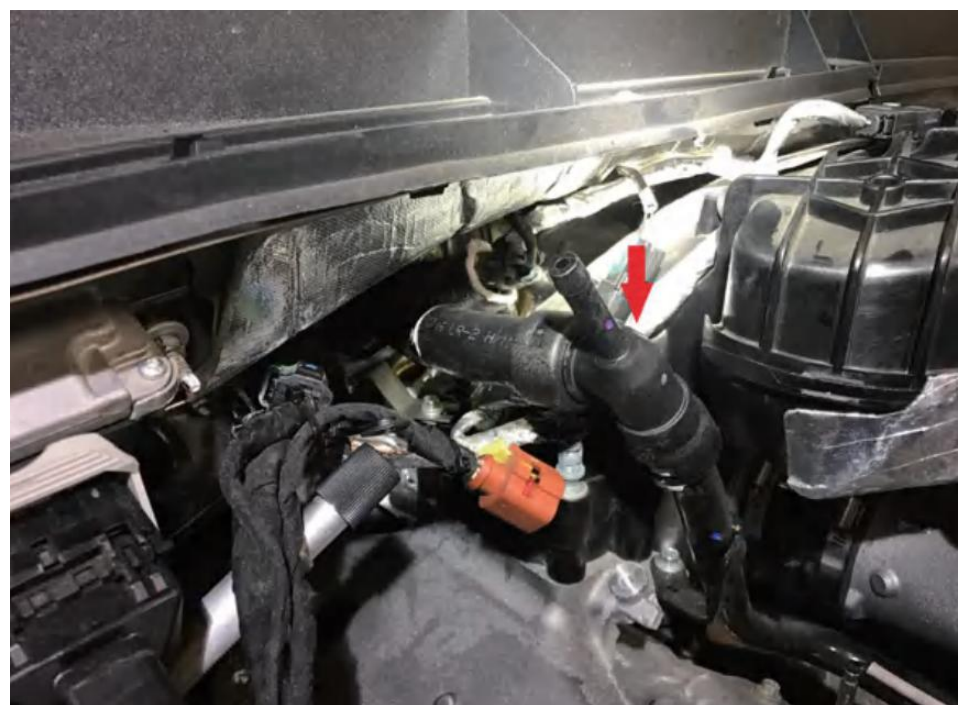
STEP 1

Install the supplied new bracket.



STEP 2

Install the new coolant reroute hose.



STEP 3

Reconnect the 90-degree end of the coolant hose to the firewall.



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