



Powerstroke 6.4L EGR Delete Kit Installation

Kit Contents:

- Stainless Steel Exhaust Block-off Plate
- Aluminum Intake Elbow Block-off Plate
- (2) Coolant Block-off Plugs
- (4) M8 x 40-1.25 Exhaust Manifold Shoulder Bolts
- (2) 5/16"x2 1/4" Bolts
- (2) 5/16"x2 1/4" Bolts
- (2) 5/16" Flange Nuts

***** PLEASE CHECK KIT CONTENTS PRIOR TO BEGINNING INSTALLATION *****

!!!WARNING – DO NOT WORK ON VEHICLE WHILE HOT OR RUNNING, PERFORMANCE MACHINE & MFG. ARE NOT RESPONSIBLE FOR ANY PERSONAL INJURY INCURRED!!!

1. Center Steering Wheel.
2. Disconnect Batteries
3. Drain Coolant from Reservoir.
4. Remove 3/8" return hose From Vertical Cooler and Reservoir. This can be discarded.
5. Remove upper radiator hose clip and pull hose loose from the radiator.
6. Remove Drivers side battery, tray and coolant tank assembly. Be sure to remove vacuum hose from bottom of assembly. This must be reinstalled for vacuum system to work properly.
7. Remove band clamp nuts, hose clamps from hoses, and unhook EGR Cooler Temp Sensor B. (EGRTB)
8. Loosen upper Intercooler tube so that it is easily moved. It is unnecessary to remove entire tube.
9. Remove upper cooler to intake elbow bolts, Loosen EGR Cooler Hold-down clamps, Remove cooler to cooler nuts, and pry apart off studs. It may be necessary to remove the studs from the horizontal cooler due to clearance issues to get the vertical cooler out.
10. Remove cooler, twist and pull upward while holding Intercooler tube back and out of the way

11. Remove plastic coolant Y pipe from engine front cover to prevent breakage. This part is very brittle. Remove vertical EGR Cooler cast iron mounting bracket. There are three 10mm head bolts and one 13mm head stud. Save the stud. This will be reused to secure the power steering hose.
12. Note at the time if the hose is black where it attaches to the thermostat housing it should be replaced with the newer white hose that utilizes two O-rings to seal as opposed to one.
13. Remove vertical cooler lower bracket from engine block.
14. Remove dipstick tube hold down nut.
15. Remove steering shaft bolt and slide the shaft rearward back up into the cab.
16. Loosen and remove nuts from lower horizontal cooler band clamp nuts. Some of these are easier accessible from the wheel well by removing the fender liner.
17. Remove or cut free horizontal rear cooler hose.
18. Remove the two 10MM Horizontal EGR Cooler bolts from Exhaust Extension tube.
19. Rotate cooler to free dipstick tube and push dipstick tube to drivers side of steering shaft.
20. Pull cooler upward and out toward the front of the engine compartment.
21. Install Exhaust Block-off Plate with supplied nuts and bolts, inspect gasket prior to re-installation, this gasket is 100% re-usable unless it is damaged upon removal which is highly unlikely.
22. Remove cooler tube from timing cover and remove in one piece.
23. Reinstall dipstick tube hold down nut.
24. Install four new exhaust manifold bolts and torque to 18 ft/lbs.
25. Remove upper cooler hose and steel line from front cover and discard.
26. Install coolant plugs where these lines came from, you will reuse the OEM bolts.
27. Install spacer under stud that was saved from earlier to properly space the power steering hose from the front accessory drive. Then reinstall power steering hose clamp to support it.
28. Reinstall plastic coolant Y-pipe into front cover.
29. Reinstall steering shaft and torque the bolt to 35 ft/lbs. (Loctite is recommended for the bolt)
30. Reinstall battery box assembly, not forgetting to reinstall Vacuum hose to bottom of tray.
31. Clean and reconnect upper intercooler tube.
32. Reinstall Upper radiator hose and clip.
33. Attach coolant hoses to tank. Refill coolant, run and refill after the engine comes up to operating temperature. You will need to check for leaks after your initial test drive as well. (PMM Recommends only using OEM approved antifreeze, under no circumstances use a "GREEN" colored Antifreeze.
34. Check for DTC's, some tuners will require the EGRTB sensor to be plugged into the wiring harness for DTC Free operation. Should you have any questions feel free to contact us for Technical Support.