



EGR60

INSTALLATION MANUAL

FLO~PRO
PERFORMANCE EXHAUST

EGR & Cooler Delete for 2003-2007 6.0L Ford Powerstroke

WARNING

ONLY install this kit if you are using a tuner that disables the EGR sensors & circuit system. Any product that requires the removal of ANY emissions control device is strictly prohibited and is intended for closed course racing only for non-registered vehicles.

THIS PRODUCT IS INTENDED TO BE INSTALLED BY A PROFESSIONAL MECHANIC, OR PERSONS WHO ARE MORE THAN MECHANICALLY INCLINED

EGR/Cooler Delete Will:

- Provide lower Exhaust Gas Temperatures (EGT)**
 - Increase low end power**
- Reduced black smoke emission**
- Eliminates EGR cooler failure**

Your Kit Includes



A (2) 3/4" Hose Clamps

B (1) 3/4" Silicone Hose

C (2) M6 14mm Bolts

D (1) Aluminum EGR Valve Plate

E (1) O-Ring for EGR Valve Plate (D)

F (1) Aluminum EGR Cooler Plate with O-Rings

G (1) 180 deg EGR Cooler Bypass Tube

H (1) SS Up-Pipe

I (1) Up-Pipe Bolt Kit

J (1) Up-Pipe Gasket

4-6 HOURS INSTALL TIME

Preparing the Install

STEP 1: Un-hook battery terminals and drain the coolant.

STEP 2: Remove clips for the plastic wire way just above the turbo. Fold to the windshield.



STEP 3: Pry the upper fan shroud away from the radiator and remove.



Preparing the Install

STEP 4: Loosen the hose clamps on the intake tube and remove it. Then remove the bolts on the turbo inlet tube, remove it and the PCV Valve.



STEP 5: Continue by removing the charge pipe. Also unbolt alternator and disconnect wires. Tilt the alternator towards the front of the vehicle.



Preparing the Install

STEP 6: Disconnect downpipe by removing the v-clamp from the rear of the turbo and remove the 2 bolts from the converter.



STEP 7: Remove turbo charger. This is done by removing the 2 oil feed line bolts, VGT actuator wire, Up-pipe v-band clamp, and the three turbo mounting bolts. Use penetrating oil on all turbo bolts, exhaust up pipe bolts, and pedestal bolts. Once these parts are removed, the turbo will roll toward the passenger side of the truck and out of the pedestal. Proceed to remove the pedestal as well as the oil drain tube from the H.P.O.P.



Removing the OEM

STEP 8: From under the truck, disconnect the exhaust manifold to passenger side up-pipe bolts. Discard these bolts as new ones are provided. Also loosen Driver Side up-pipe bolts to exhaust manifold.



STEP 9: From the topside of the engine, loosen and remove bolts attaching the factory up-pipe to the y-pipe. Remove the y-pipe, giving you access to remove and replace the factory up-pipe.



Removing the OEM

STEP 10: Unbolt up-pipe from EGR and remove up-pipe



STEP 11: Loosen, the intake manifold bolts on the drivers side. Completely remove the intake manifold bolts on the passenger side and note their location with a piece of cardboard. Then remove the two bolts that go through the inner fan stator under the shroud.



Removing the OEM

STEP 12: Remove the bolt that is used to stiffen the heater tube to the manifold underneath the alternator. Bend this tab upwards. Remove the 3 EGR cooler mounting bolts.



STEP 13: Lightly push down on the EGR cooler while pulling up on the intake manifold to disengage from the manifold.



Installing the EGR60

STEP 14: Hold the manifold up with a small pry bar whilst moving the cooler toward the back of the engine. Continuing to hold the manifold up, lift and remove the cooler through the front of the engine. Be sure the gaskets and o-rings all come off as well. Replace intake manifold bolts and torque to 120lbs.



STEP 15: Install O-Rings on the SS EGR Cooler Bypass Tube (G) and the EGR Cooler Plate (F). Lubricate with fresh coolant. Push coolant tube into bore gently, taking caution not to damage the O-Ring. Loosly install EGR Cooler Plate (F) making sure the O-Ring is sealed.



Installing the EGR60

STEP 16: Tighten billet adapter bolts to 120inlbs. While tightening, make sure o-ring stays in alignment. Be sure not to over torque the bolts. Then slide Hose (B) over the oil cooler nipple & secure hose clamps (A).



STEP 17: Remove factory EGR Valve from intake manifold and install billet block off plate (D). torque bolts to 120lbs.

STEP 18: Install 2" up-pipe (H) using provided hardware (I,C) and provided OEM gasket (J).



STEP 19: Reinstall turbo, all intake and exhaust tubes including downpipe, alternator, shroud, wires etc in reverse order from steps 3-14. Refill with new coolant and start engine. Check for leaks and bleed cooling system for air pockets as needed.

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