



301008

INSTALLATION MANUAL

FLO~PRO

PERFORMANCE EXHAUST

EGR & Cooler Delete for 2010-2012 6.7L Cummins

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.

EGR Delete Will:

Allow removal of the EGR assembly

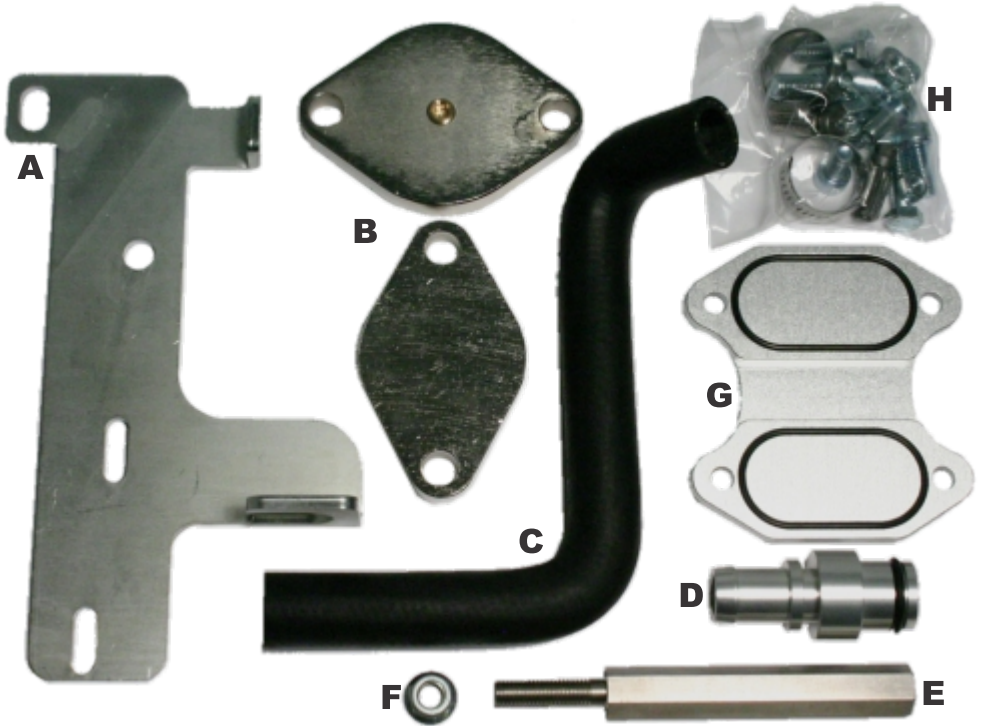
EGT solution for monitoring temperatures

Clean up the engine bay

Remove unnecessary heat retention under the hood

Re-route coolant with provided hose

Your Kit Includes



A (1) Support Bracket

B (2) Exhaust Block-Off Plates

C (1) Coolant Hose

D (1) Coolant Hose Connector

E (1) Stand Off Bolt

F (1) M10 Flanged Nut

G (1) Intake Block-Off Plate

H (1) Hardware Bag Containing:

-----**(2) 5/16 Bolts, Nuts & Flat Washers**

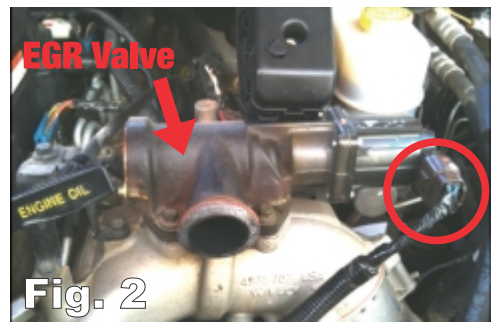
-----**(1) 1/4-20 Bolt, Nut & Lock Washer**

-----**(2) M10 Hex Head Bolts**

-----**(4) M8 by 1.25 by 20 Allen Head Bolts**

Preparation

- STEP 1:** Un-hook negative battery terminals & drain engine coolant.
- STEP 2:** Remove the plastic engine cover by removing the four 8mm bolts as well as the dipstick.
- STEP 3:** Loosen the two V-Band clamps and remove the 10mm bolt in the center of the tube. Then disconnect the sensor plug and remove the EGR crossover tube. (Fig. 1)

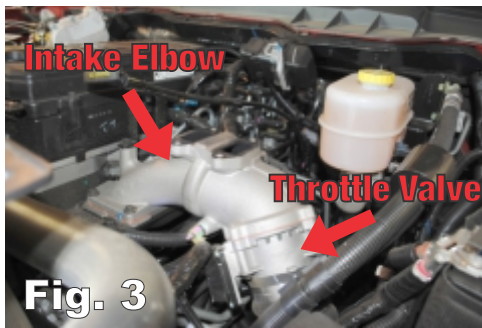


- STEP 4:** Remove the electrical connector on the EGR valve (Circled in Fig. 2) then remove the EGR valve itself which is held in place with four 10mm bolts.

Blocking the Intake

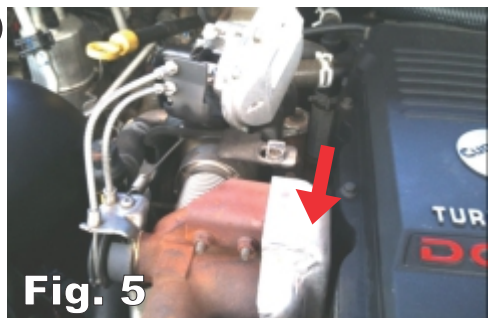
STEP 5: Ensure the mounting surface on the intake elbow is clear of any gasket material.

STEP 6: Unplug the electrical connector from the backside of the throttle valve. The throttle valve is shown in Fig. 3.



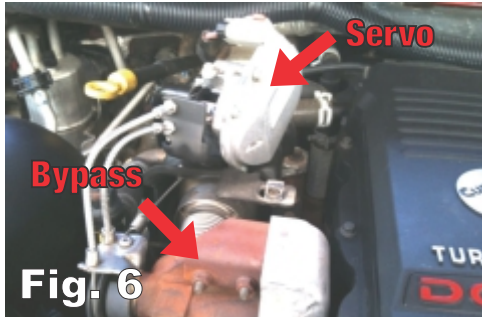
STEP 7: Install the intake block-off (G) with supplied bolts. (Fig. 4) Ensure both O-Rings are fully seated.

STEP 8: Remove heat shield from EGR bypass. This is held in place by three 10mm nuts and two 8mm bolts. (Fig. 5)



Removing Bypass/Servo

STEP 9: Now that you've removed the heat shield, remove the four 10mm bolts holding the exhaust bypass in place. The bypass will be removed with the servo in the next steps.



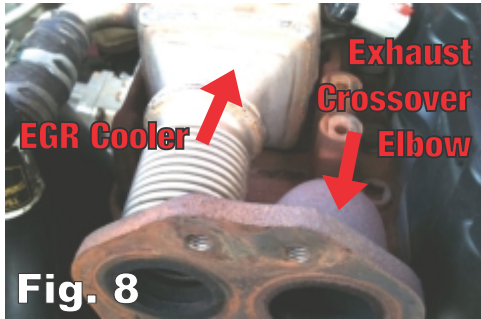
STEP 10: Remove the five 10mm bolts securing the EGR servo mounting bracket in place. Simultaneously remove the EGR servo & the exhaust bypass from the vehicle. (Fig. 6)

STEP 11: Remove the crankcase breather tube that runs over the EGR cooler. Also, disconnect the two coolant lines that run to the EGR cooler. Be sure to remove the O-Ring fitting from the engine block. (Fig. 7) Remove the four 10mm EGR cooler mounting bolts (Circled Fig. 7).

STEP 12: Remove the two 15mm nuts connecting to the EGR cooler to the exhaust manifold near the fire wall.

Removing EGR Cooler

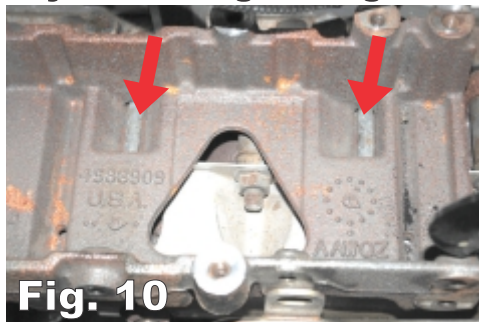
STEP 13: Remove the V-Band clamp that is connecting the EGR cooler and the exhaust crossover elbow. (Fig. 8)



STEP 14: Remove the exhaust crossover elbow that is held in place by two 15mm nuts. Install the smaller of the two exhaust block off plates. Location noted in Fig. 9.

STEP 15: Remove the EGR cooler by pulling up and out towards the front of the vehicle.

STEP 16: Remove the EGR cooler mounting bracket by unbolting the two 14mm bolts that bolt directly to the engine. Fig. 10



Block EGR & Reassemble

STEP 17: Install the other (ported) exhaust block-off plate on the back side of the exhaust manifold. Be sure to reuse the factory hardware. (Fig. 11)



Fig. 11



Fig. 12

STEP 18: Re-install the crankcase breather tube. Using the new supplied coolant hose (C) and adapter (D), connect the two coolant ports that previously went to the EGR cooler and secure with provided hose clamps.

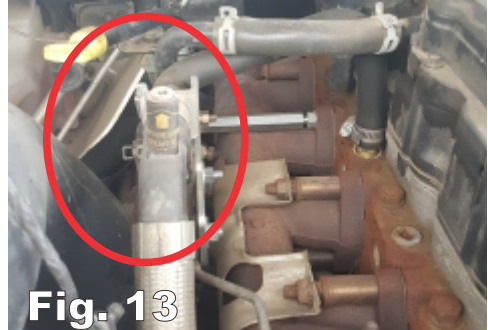
Note: Coolant hose may need to be trimmed to fit.

STEP 19: Replace the manifold bolt with the supplied stand off bolt (E). The bolt will be the third bolt in from the back of the motor. The nut (F) on the stand off bolt should be used as a jam nut to secure it in place. (Fig. 12)

Install Bracket & Test

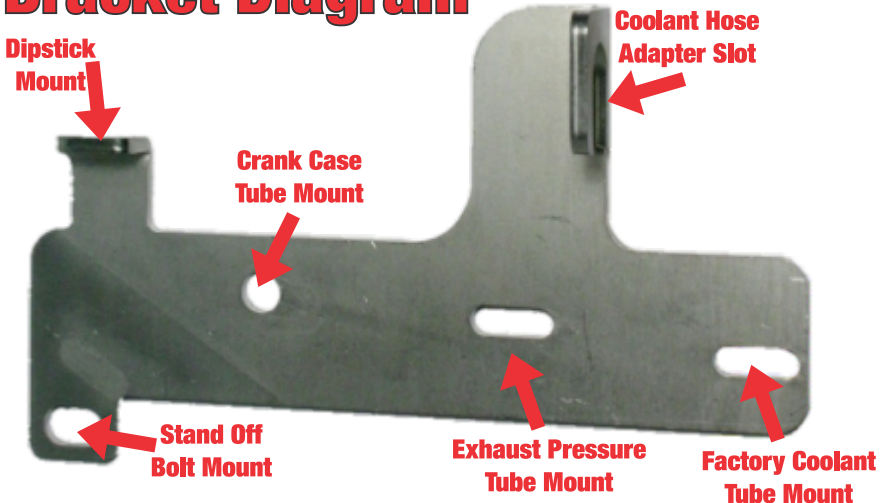
STEP 20: Mount the supplied support bracket as seen in Fig. 13. The back bolt screws into the stand off bolt (G). Use the 1/4-20 bolt, nut, washer to secure the trans dipstick to the bracket. (Fig. 13)

STEP 21: Refill the coolant to factory specs.



STEP 22: Installation is now complete! Start the engine to circulate coolant. Top off as necessary and inspect for leaks. Install the plastic engine cover and you're done!

Bracket Diagram



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