

2010-2024 Dodge Cummins Cooler Upgrade Kit with Bracket and Gaskets



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A.

Anodized Block-Off plate with O-Rings

B. Support bracket

C. Coolant hose

D. Rear stainless steel Block-Off plate

E. Front stainless Steel Block-Off plate

F. Cap head bolts

G. Coolant standpipe adapter with O-Ring

H. 3/4 inch barded hose fitting

I. Threaded stud with bolt

J. Block-Off plate plug

K. 13mm hexhead bolt

L. 1/4 inch standpipe bracket bolt

M. Standpipe bracket

N. Coolant hose clamps

O. 5/16 inch hexhead bolts (x4)

P. Block-Off O-Rings

Q. Standpipe bracket spacer

Step 1

Remove the four 8mm bolts, dipstick, and plastic cover.



Step 2

Remove the three 10mm dipstick bracket bolts



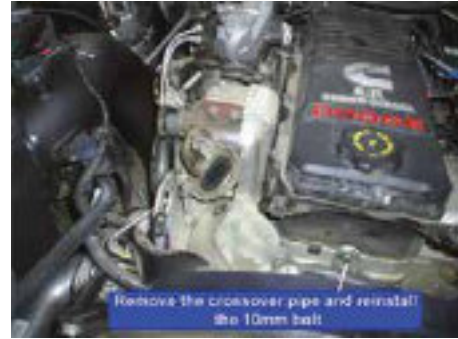
Step 3

Loosen clamps on EGR Pipe with a deep socket, remove the 10mm bolt located in the center.



Step 4

Remove the crossover pipe and reinstall the 10mm bolt.



Step 5

Remove the four 10mm bolts in the EGR housing and unplug EGR Valve.



Step 6

Install GDP block off plate using supplied gaskets.



Step 7

Remove three 10mm nuts and two 8mm bolts, remove factory heat shields.



Step 8

Remove four 10mm bolts and remove front housing.



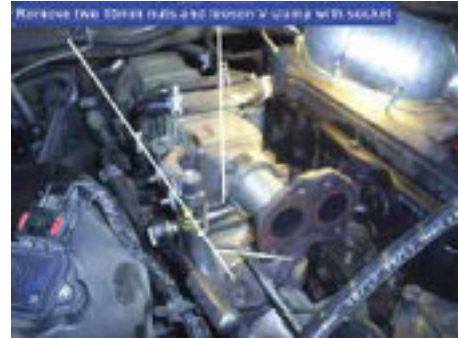
Step 9

Remove the three 10mm bolts from the top of the servo motor, remove control cable, and tie motor up and out of the way. If using an off-road or race tuner, servo may be removed from the vehicle.



Step 10

Remove two 15mm nuts and loosen V clamp with socket.



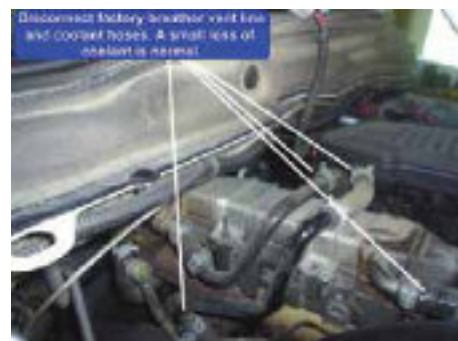
Step 11

Install front blockoff plate with factory 15mm nuts.
Remove four 10mm cooler mounting bolts.



Step 12

Disconnect factory breather vent line and coolant hoses. A small loss of coolant is normal.



Step 13

Remove two 15mm nuts connecting cooler to exhaust manifold. Carefully remove EGR Cooler. Keep cooler level to avoid spilling coolant within the cooler.



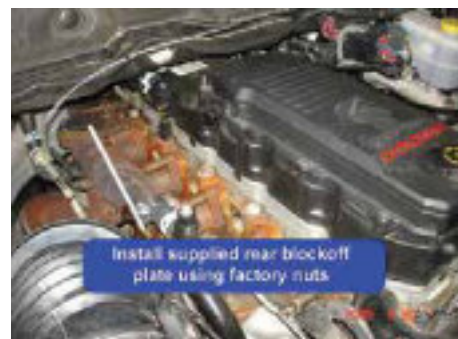
Step 14

Remove two 14mm bolts from the bottom of the EGR cooler cradle. Bolts are hidden from view.



Step 15

Install supplied rear blockoff plate using factory nuts.



Step 16

Unbolt the 14mm coolant overflow hose from the coolant standpipe adapter.



Step 17

Insert the GDP standpipe adapter with the adapter bracket and secure it with the supplied Alan bolt.



Step 18

Remove elevated factory coolant fitting. Install supplied fitting using thread tape or sealant.



Step 19

Reinstall vent hose, connect coolant ports using supplied hose and clamps.

