

**2010-2019 DODGE CUMMINS PICKUP**  
COOLER UPGRADE KIT WITH BRACKET AND GASKETS

**USER MANUAL**

# Warning Regarding Emission Laws

Not legal for sale or use on pollution-controlled motor vehicles anywhere in the United States. Legal ONLY for off-road competition racing vehicles and cannot be used on vehicles that are operated on public streets, roads, or highways.

## Disclaimer

- By installing this product onto your vehicle, you assume all risk and liability associated with its use.
- It is your responsibility to make sure your vehicle complies with all federal, state, and local emissions laws. Federal and many state and local laws prohibit the removal, modification or rendering inoperative of any part of the design affecting emissions or safety on motor vehicles used on a public street or highway. Violation may result in a fine of up to \$32,500 per vehicle (or possibly higher depending on changes in the law). All civil penalties and fines for removing your vehicle's emissions equipment are the sole responsibility of the end user.
- Due to its high performance nature, this product may void vehicle manufacturer's warranty.
- GDP Tuning, LLC. is not responsible for misuse of its products. By installing this product, you release GDP Tuning, LLC. of any and all liability associated with its use.
- Depending on where you live, restrictions may apply. Check all applicable laws before installing or using!
- The purchaser and end user releases, indemnifies, discharges and holds harmless GDP Tuning, LLC. from any and all claims, damages, causes of action, injuries, or expenses resulting from or relating to the use or installation of this product that is in violation of the terms and conditions on this page, the product disclaimer, and/or the product installation instructions. GDP Tuning, LLC. will not be liable for any direct, indirect, consequential, exemplary, punitive, statutory, or incidental damages or fines caused by the use or installation of this product.

## Caution

Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle to cool prior to installation. Always wear eye protection when working on or under any vehicle.

# 2010-2019 Dodge Cummins Pickup Cooler Upgrade Kit with Bracket and Gaskets

GDP620003



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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
- R. Smaller standpipe bracket

## 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.



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## 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.



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## Step 7

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



## Step 8

Remove four 10mm bolts and remove front housing.



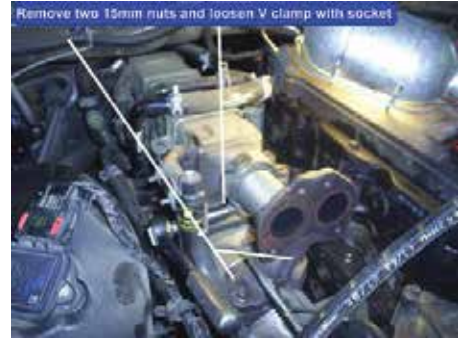
## Step 9

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.



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## 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.



**NOTE:** the 2019 trucks (only) will use the smaller of the two standpipe brackets.



## 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.

