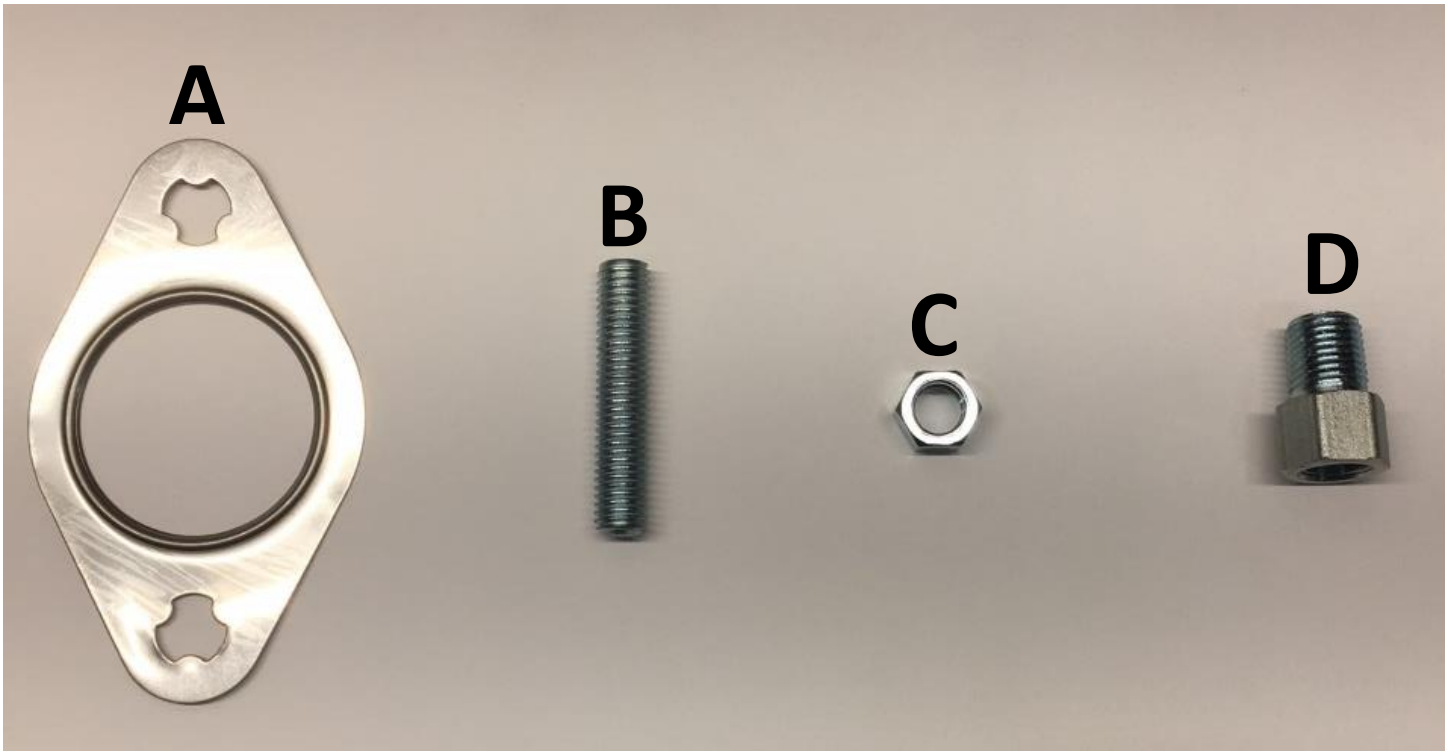
Cummins 6.7L (2007.5-2018)

T4 Exhaust Manifold

Installation Instructions

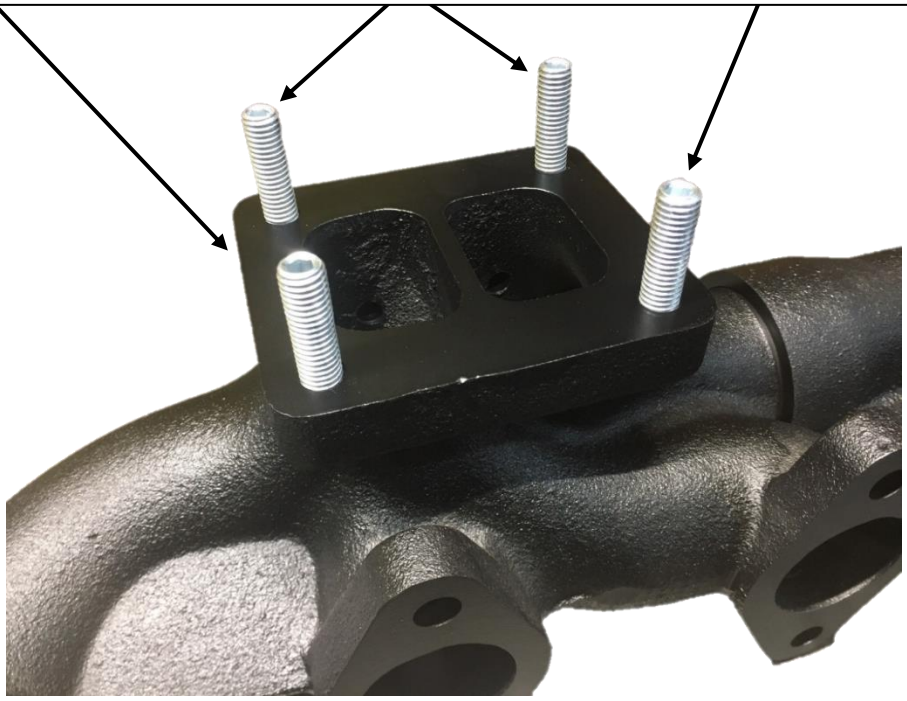
6.7 Manifold Hardware



Hardware Letter	Hardware Specification	Quantity
A	24V Gasket	6
B	M10 - 1.5 x 50mm Stud	20
C	M10 Nut	20
D	Pressure Sensor Adapter Fitting	1

Manifold to Turbo Instructions

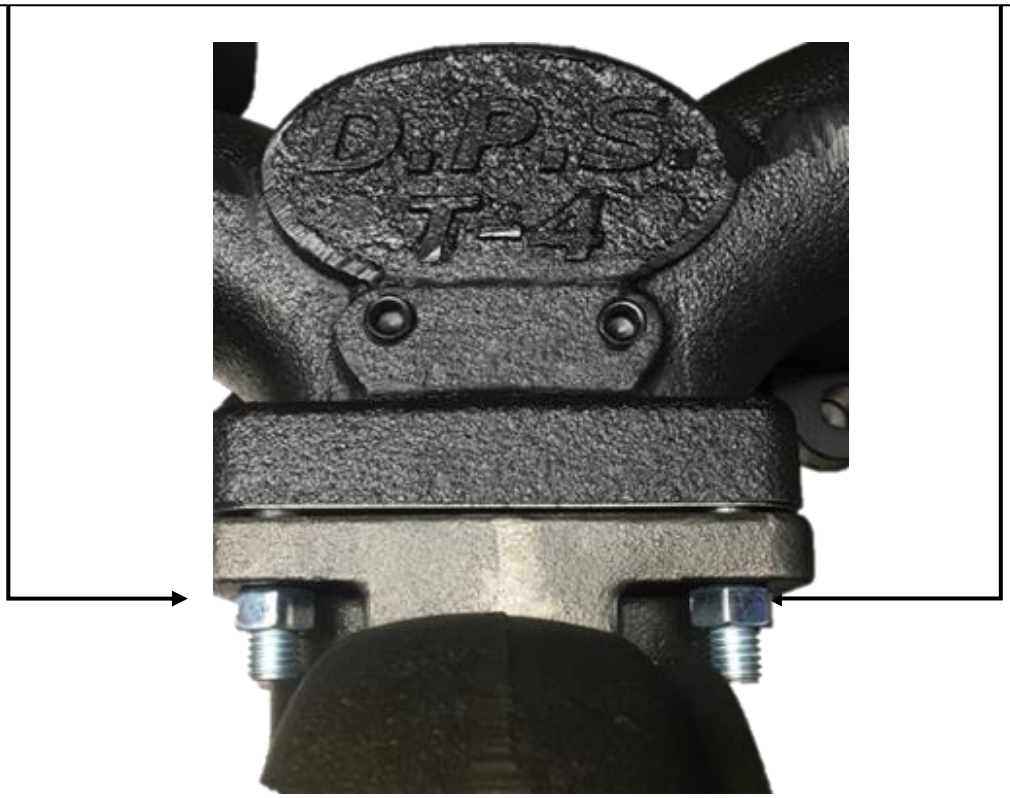
Step 1: Thread four **B** studs into the four threaded manifold holes.



Step 2: Place a T4 gasket onto the Diesel Power Source 6.7 manifold T4 flange. (Note: The manifold does not include the needed T4 gasket.) If turbo is divided scroll then get a divided gasket.

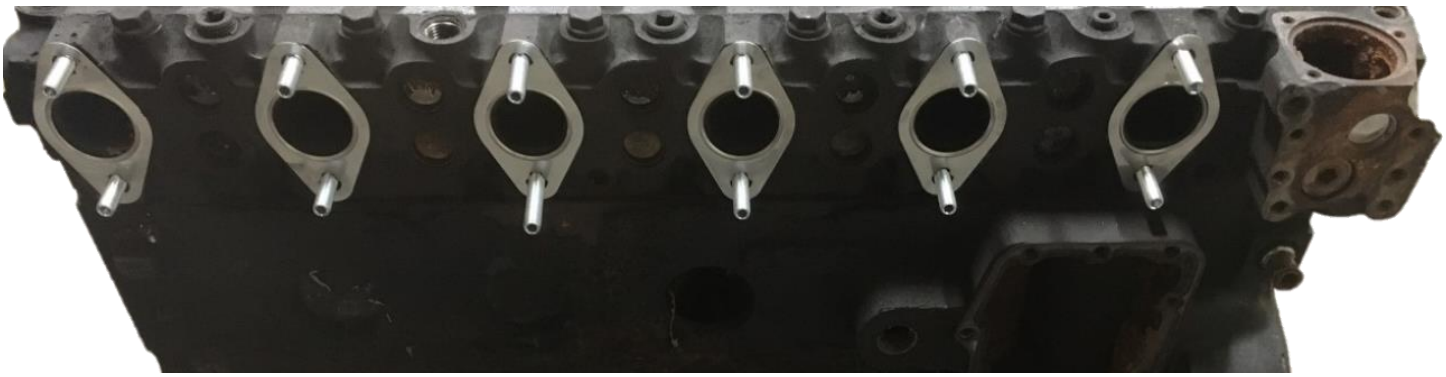
<u>Step 3:</u> Secure the T4 turbo flange onto the manifold flange allowing the four **B** studs to pass through the four holes on the turbo flange.

<u>Step 4:</u> Thread and tighten four **C** nuts onto the four **D** studs that pass through the back side of the turbo flange. Tighten the nuts to 35 ft-lbs.

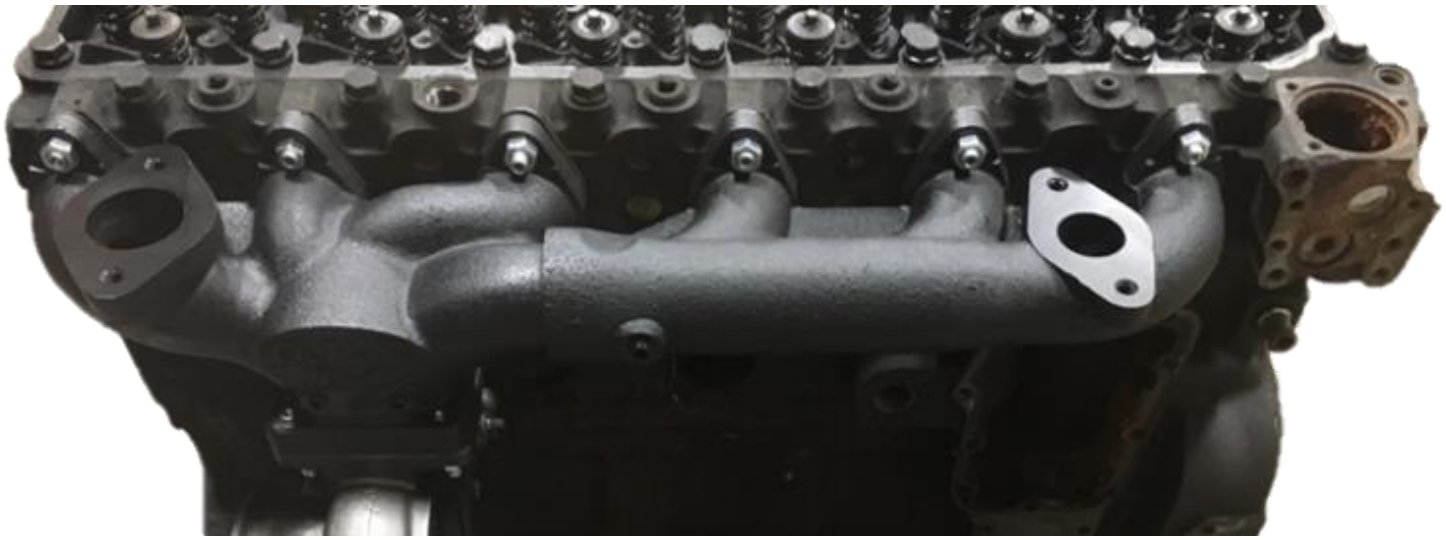


Manifold to Engine Block Instructions

Step 5: Going port by port, place one **A** gasket against the engine block port and thread a **B** stud through the **A** gasket and into the engine block. Repeat this process for all six ports using all six **A** gaskets and twelve **B** studs.



Step 6: Mount the manifold turbo assembly on the engine block resting the assembly on the **B** studs. Then thread twelve of the **C** nuts on the **B** studs that pass through the backside of the manifold flanges. Tighten the nuts to 35 ft-lbs.

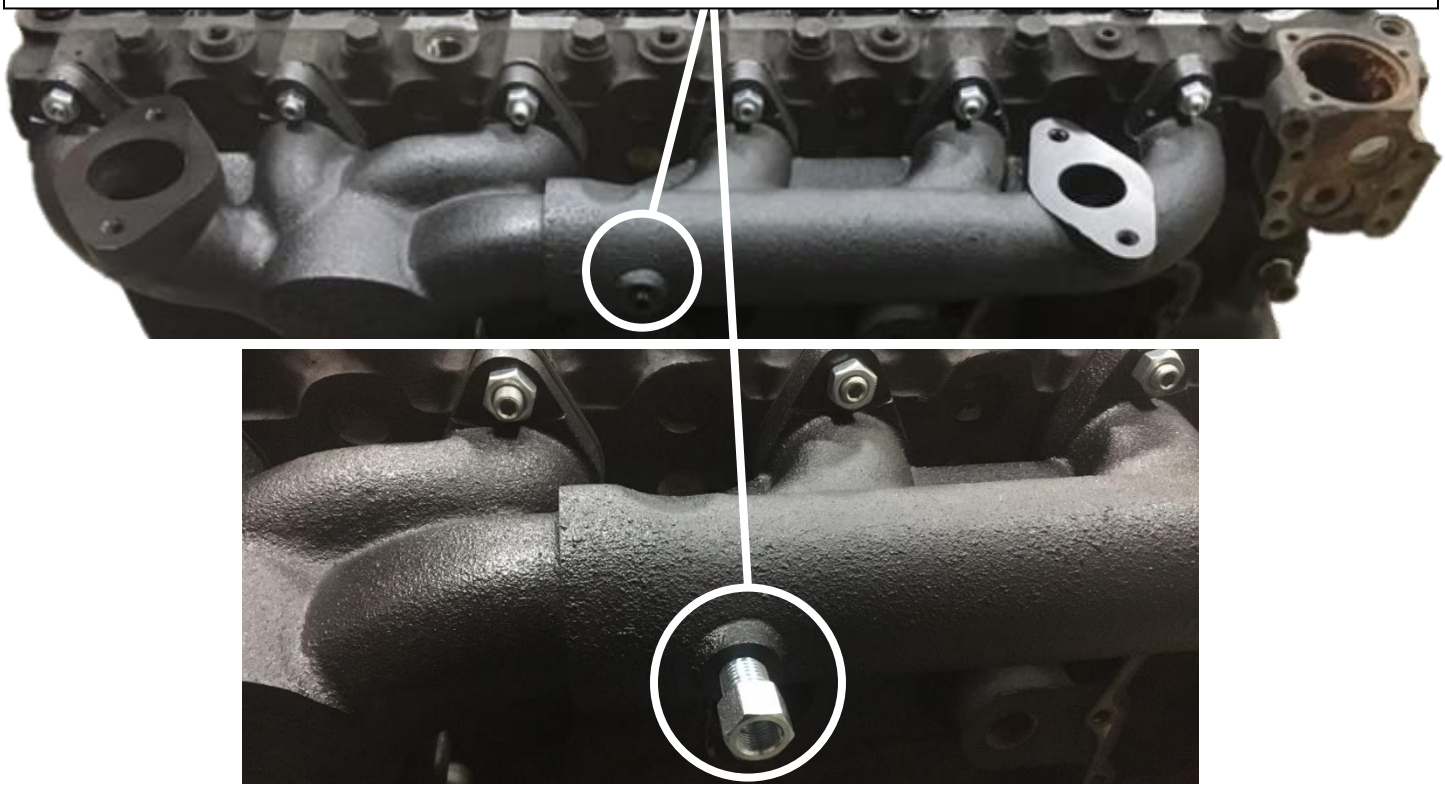


Connecting The EGR

Step 7: Mount the EGR cooler to the EGR ports on the manifold using four **B** studs and four **C** nuts.

Connecting The Pressure Sensor

Step 8: Remove the plugged pressure sensor port and fasten the **D** adapter fitting into the pressure sensor port. Then connect the pressure sensor to the **D** fitting.



After installation, drive truck for approximately 100 miles then, while the truck is warm re-torque all the manifold and turbo bolts, as the bolts sometimes loosen up after being heated and cooled a few times.