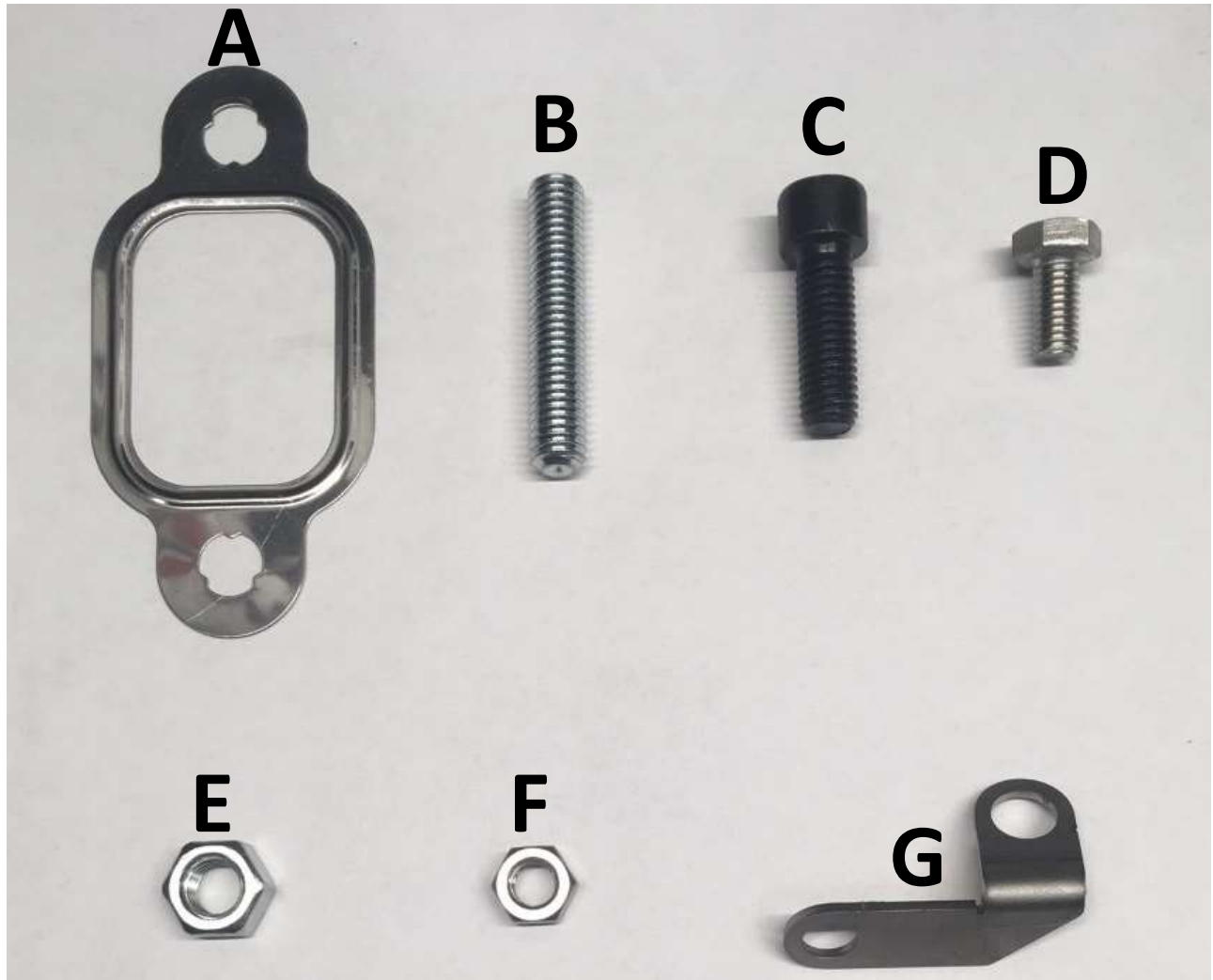


12V T3 Manifold

Installation Instructions



12V Manifold Hardware

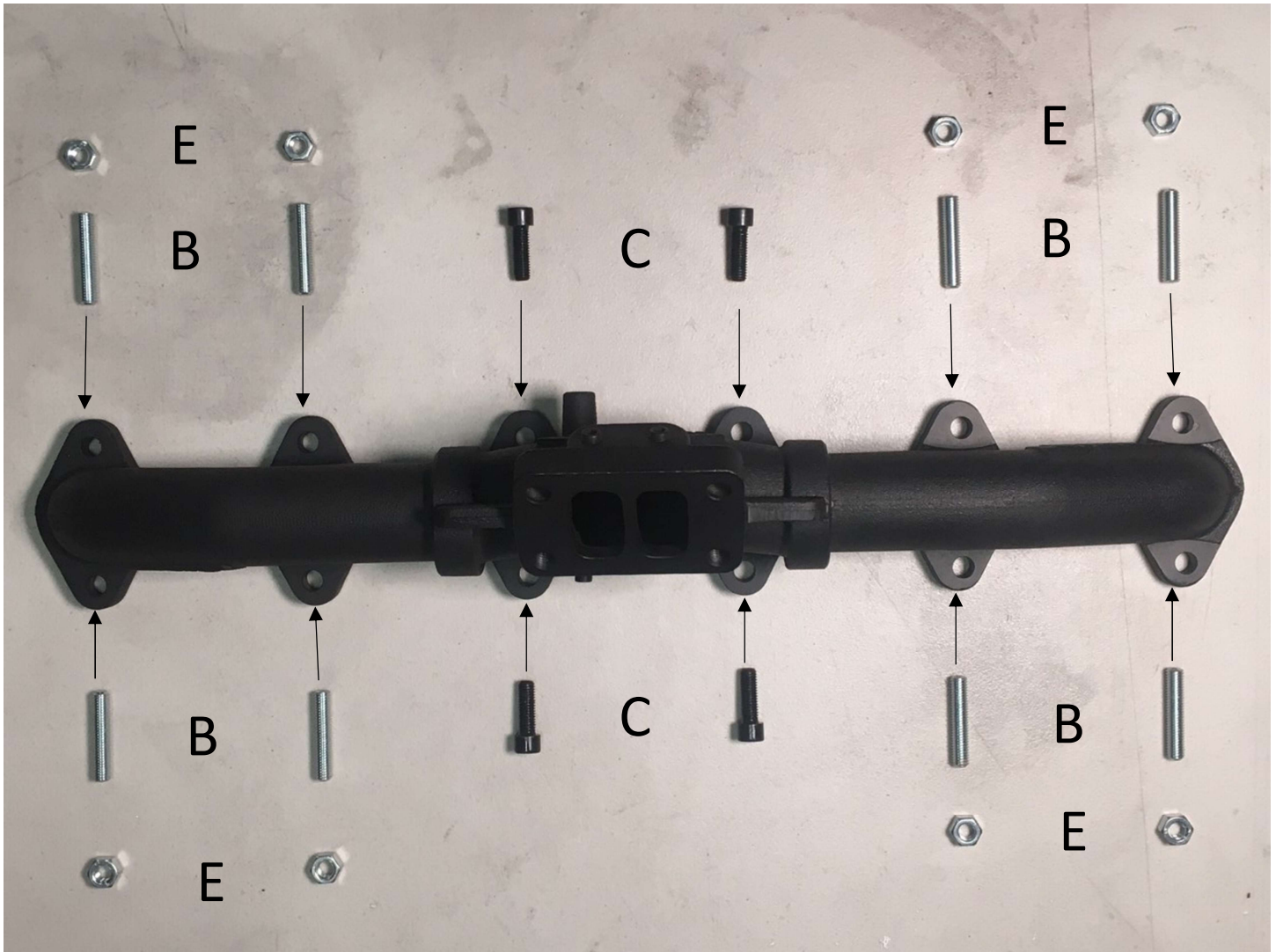


<u>Hardware Letter</u>	<u>Hardware Specification</u>	<u>Quantity</u>
A	12V Manifold Gasket	6
B	M10 – 1.5 x 50mm Stud	8
C	M10 – 1.5 x 30mm Socket Cap Screw	4
D	M8 – 1.25 x 15mm Hex Bolt	1
E	M10 – 1.5 Nut	9
F	M8 – 1.25 Nut	1
G	Line Relocation Bracket	1

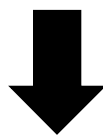
12V Manifold Installation Instructions

Step 1: Connect your new Diesel Power Source 12V manifold to your turbo. Ensure that a T3 turbo gasket is placed between the manifold and turbo flange. Tighten the bolts to 35 ft-lbs. **(Note: The manifold does not include the needed turbo mounting hardware or T3 gasket.)**

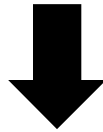
Step 2: Connect the manifold and turbo assembly to the head. Using the included **A** gaskets, **B** studs, **E** nuts, and **C** bolts. Be sure to place the A gaskets between the manifold and head with the raised portion of the gasket facing the manifold. Tighten bolts to 35 ft-lbs. The picture below shows the correct hardware locations.



Step 3: Once all the bolts are tightened you can now connect the **G** bracket to the top manifold bolt hole at cylinder one. There should be enough thread exposed on the **B** stud located at this hole to secure this bracket onto the stud and using the last **E** nut to tighten it into place.



Step 4: Now use the **D** bolt and **F** nut to attach the coolant line to the bracket. The coolant line should have a tab that lines up with the **G** bracket



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.