

11. NOTE: Removing the wheelhouse splash shields is not required but may ease the installation of the boost tubes. If the installation of the boost tubes is difficult, the wheelhouse splash shields can be removed to make the installation of the boost tubes easier.

Assemble your new Banks boost tubes and clamp assemblies before installing them in the truck. These will be installed from underneath the vehicle. The boost tube connection at the intercooler end will be made from underneath the vehicle and the connections at the other end will be made under the hood. Note that using the orientation of the clamps listed below will greatly ease the installation process.

Drivers Side Upper: Both clamps are on the firewall end of the tube, with the nut/bolt facing out to the fender.

Figure 11a

Passenger Side Upper: Top/outer clamp is on the near side of the passenger wheel well, with the bolt facing up. Lower/inside clamp faces outward from the bottom of the tube.

Figure 11b

Both Sides, Lower: Both clamps are on the lower side, with the bolts facing inward.

Figure 11a Clamp Assembly Positions
Driver Side Upper

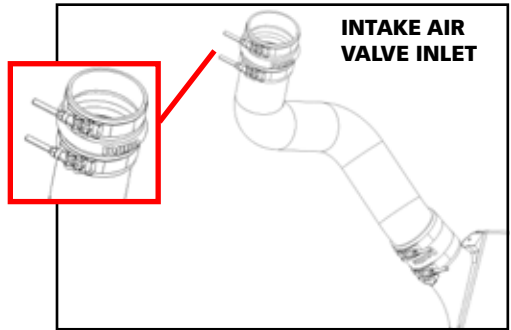


Figure 11b Clamp Assembly Positions
Passenger Side Upper

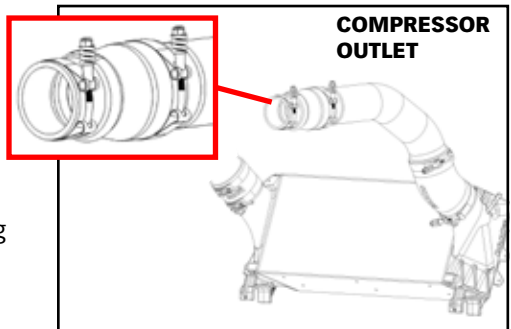
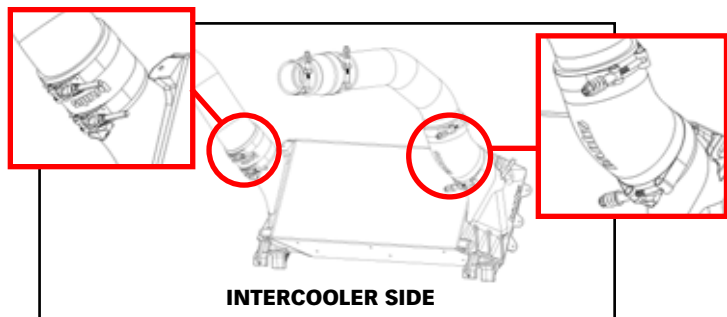


Figure 11c Clamp Assembly Positions
Both Sides Lower



12. Once your new boost tubes are pre assembled, they can be loosely installed in the truck. **Figure 12**

13. With the boost tubes in place, the new Banks Intercooler can be installed. Support the intercooler and install the boost tube hoses over the Intercooler inlet and outlet ports. Loosely install the four intercooler mounting bolts removed in steps 4&5. Do not tighten at this time. **Figure 13**

14. With the Banks Intercooler and boost tubes installed loosely, adjust the position of the intercooler in the vehicle to ensure that there is no contact with other components on the vehicle. The intercooler will rotate slightly around the four intercooler mounting bolts. Careful inspection should be made on the driver's side around the intercooler outlet port to ensure the intercooler boost hose has adequate clearance to the radiator, along with clearance between the boost tube and frame rail. Once all clearances are verified and any necessary adjustments are made, tighten the four intercooler mounting bolts and the eight hose clamps retaining the boost tubes.

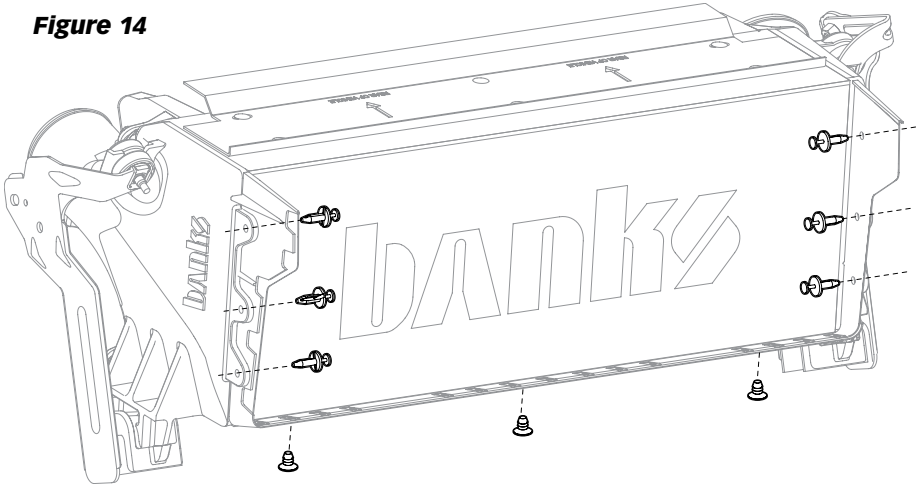
Figure 12



Figure 13



Figure 14



15. Install the trimmed front air intake shroud onto your Banks Intercooler, using the six supplied push pins, and ratchet fasteners. **Figure 14**

16. Reinstall the air dam on the front bumper. **Figure 15**

17. Your system contains a CARB EO label for emissions purposes. This label should be placed on the grill/radiator cross member inside the engine compartment, so that it is easily seen by an emissions technician.

Figure 15



18. Go over all hose clamp connections and fasteners installed and ensure they are tight. Road test the truck ensuring there are no leaks. Be sure to recheck all the connections and retighten everything at least twice in the first three days or 100 miles.

19. Your system includes two (2) Banks Power decals designed to complement the Dodge Cummins Turbo Diesel emblem on your truck. Use the provided measurements to position the logos for a clean factory look. **Figure 16**

Figure 16



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