



INSTALLATION INSTRUCTIONS

MAKE: RAM
MODEL: Diesel Trucks
YEAR: 2014
ENGINE: V6-3.0L

Intercooler Tube
46-20179-B (Black)
46-20179-R (Red)



Parts Included:

- Tube, Upper (1)
- Tube, Lower (1)
- Clamp (3" - 2-5/16) (2)
- Clamp (2-13/16 - 3-1/2) (4)
- Coupling, Elbow
- Coupling, Reducer

Tools Needed:

- 7mm, 8mm, 10mm sockets
- Pick
- Extension
- Ratchet
- WD-40
- Hair Spray (Aqua Net)

CAUTION: Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. aFe recommends professional installation on our products. **Note: aFe's Downpipe recommends an aftermarket tuner to clear check engine light**

1. Park vehicle on level ground and apply parking brake, use wheel chokes if necessary, and disconnect battery.
2. Remove the engine cover from the vehicle.
3. Loosen the **intercooler** hose on the passenger side of the truck connected to the intercooler, using a 7mm socket.
4. Using a pick with some WD-40, break the intercooler hose loose from the intercooler and disconnect it from the intercooler.
5. Follow the intercooler hose back to the connection on the front of the engine and use a screwdriver to lift the clip up to disconnect the intercooler hose from the engine then, remove the intercooler hose from the vehicle.
6. Install one (1) of the reducing couplings and one (1) of the smaller clamps onto the inlet of the motor, be sure to thoroughly clean then spray some hair spray(aqua net) onto both mating surfaces so the coupling will seal properly and will not slip off.
Note: Let the hair spray have enough time to dry properly before driving vehicle.
7. Secure the coupling to the engine using an 8mm socket but, do not fully tighten the clamp at this time.
8. Install the second reducing coupling and one (1) of the smaller clamps onto the intercooler and slide coupling all the way back to provide room to install the intercooler tube, do not tighten the clamp.
9. Connect the longer side of the angled coupling to the longer side of the larger tube, then connect the second tube to the coupling and install two (2) of the larger clamps provided, but do not tighten at this time.
10. Install tubes with the coupling and clamps from the previous step along with the two (2) remaining clamps into the vehicle, the longer tube connect to the intercooler.
Note: Depending on the production date of your vehicle the intercooler tubes will either run in between the A/C lines and they will rest on the coupling between the intercooler tubes, or the intercooler tubes will run in front of the A/C lines.
11. Ensure tubes are not resting on any metal surfaces then tighten all of the clamps.
12. Install the engine cover and reconnect the battery.
13. Install is complete.

Enjoy!