



## INSTALLATION INSTRUCTIONS

**MAKE:** Dodge  
**MODEL:** Cummins  
**YEAR:** 2010-2012  
**ENGINE:** L6-6.7L (td)

**Intercooler**  
**46-20082**



### Parts Included:

- Intercooler x1
- Tube, Turbo to I/C x1
- Tube, I/C to Manifold x1
- Clamps (3.75") x5
- Clamps (3.5") x1
- Clamps, (2.85") x2
- Coupling, Reducer x1
- Coupling, Hump (3.5") x2
- Coupling, Hump (2.75") x1
- Screw, Hex M6 x2
- Plug, Hex 1/8" x4
- Oil Cooler Spacer x1

### Tools Needed:

- 10mm & 13mm Deep Socket
- 7/16" Deep Socket
- Flat Head & Philips Head Screwdriver
- Small and Medium Extension

**CAUTION:** Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Engine bays 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.

1. Remove stock intercooler. Removal of grill, airbox, intake system, core support, intercooler tubes, AC condenser/transmission cooler is required for ease of installation and removal of intercooler.

Note: Bleeding the AC lines is required in order to remove the AC condenser.

2. Remove the driver side intercooler tube coupling and passenger side intercooler tube coupling.

3. Remove the stock intercooler along with AC condenser/transmission cooler.

Note: Save all hardware as it will be used when installing the aFe intercooler.

4. Remove rubber mounting supports from the stock intercooler and install them on the aFe intercooler.

5. Install the aFe intercooler into the vehicle. Then re-install the AC condenser/transmission cooler with the supports provided in the kit.

Note: Permanent removal of lower splash shield is required.

6. Connect the intercooler couplings and clamp them down. It is recommended that the intercooler tubes are loosened for ease of installation.

7. Re-install all components removed in step 1.

8. Your installation is now complete, Enjoy!