



INSTALLATION INSTRUCTIONS

MAKE: GM

MODEL: Silverado HD/Sierra HD

YEAR: 2011-2013

ENGINE: V8-6.6L (td) LML Duramax

Intercooler

46-20111



Parts Included:

- Intercooler (1)
- Nuts, Clip On (4)
- Plugs (4)

Tools Needed:

- 13mm Socket & Wrench
- 10mm Socket & Wrench
- 8mm Socket & Wrench
- 7/16" Deep Socket
- 3/8" Driver Ratchet
- 3/8" Driver Extension
- Flathead Screwdriver
- Pliers

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. Park vehicle on level ground and engage parking brake.
2. Disconnect both negative cables on batteries and air flow sensor from air box.
3. Remove plastic engine cover, air box, intake tube, all intake mounting brackets and both intercooler tubes from intercooler.
Note: Twist ring on passenger side intercooler tube connections, counter-clockwise and pull to remove both sides of the tube.
4. Remove grille, grille brackets, unplug head lights and remove.
5. Remove bolts securing intercooler and a/c condenser to upper core support.
6. Unbolt transmission cooler from front support bracket.
7. Unbolt upper core support and front support bracket and remove all together.
8. Unbolt radiator from intercooler.
9. Lift radiator and intercooler together (1 side at a time) to slide stock intercooler out for removal, and remove intercooler.
10. Remove OE rubber grommets from OE intercooler and install onto aFe intercooler.
11. Install the (4) clips supplied onto the aFe intercooler for the radiator mounting brackets.
12. Install aFe intercooler into vehicle.
13. Re-install intercooler tubes back onto intercooler.
14. Bolt radiator onto intercooler using (4) of the stock bolts.
15. Install parts removed in step 6 & 7.
16. Install bolts removed in step 5.
17. Install and re-connect parts removed in step 3 & 4.
18. Connect everything disconnected in steps 2 & 3.
19. Install is now complete, Enjoy!
20. Re-check all hardware after 50-100 miles of use.

Note: legal in California only for racing vehicles which may never be used upon a highway.