



## INSTALLATION INSTRUCTIONS

MAKE: GM

MODEL: Silverado HD/Sierra HD

YEAR: 2011-2016

ENGINE: V8-6.6L (td) LML Duramax

## Intercooler Tube

**46-20118**



### Parts Included:

- Intercooler Tube (1)
- Couplers (2)
- Clamps (4)
- Plug (1)

### Tools Needed:

- 13mm Socket & Wrench
- 10mm Socket & Wrench
- 8mm Socket & Wrench
- 7/16" Deep Socket
- 9/16" Wrench
- 3/8" Driver Ratchet
- 3/8" Driver Long Extension
- Flathead Screwdriver

**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 battery cables.
3. Disconnect air flow sensor from airbox and temperature sensor from passenger side intercooler tube.
4. Remove airbox, all airbox mounting brackets and intercooler tube from the vehicle, using 8mm, 10mm, and 13mm sockets.  
**Note:** Twist the ring on the end of the intercooler tube counter-clockwise and pull on both ends to remove the tube from the vehicle.
5. Remove the factory sensor from the Factory intercooler tube, using an 9/16" wrench.
6. Install the supplied 1/8" NPT plug into the auxiliary port on the side of the aFe intercooler tube, using a 3/16" Allen wrench. If you are using an aftermarket sensor or injection now would be the time to install it.  
**Note:** Be sure to use thread sealant on the fitting going into the auxiliary port on the side of the aFe intercooler tube.
7. Install the passenger side intercooler tube with the supplied clamps and couplings into the vehicle.  
**Note:** The bead on the inside of the couplings interlock with the grooves on the intercooler and the engine inlet.
8. Tighten all clamps until the spring is completely compressed using an 7/16" socket.
9. Install factory sensor into the aFe intercooler tube from Step 5.
10. Install all the airbox mounting brackets and air box from Step 4.
11. Reconnect air flow sensor to the air box and the temperature sensor to the aFe intercooler tube from Step 3.
12. Reconnect both negative battery cables from Step 2. Install is now complete, Enjoy!

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