



## INSTALLATION INSTRUCTIONS

MAKE: GM

MODEL: Silverado HD/ Sierra HD

YEAR: 06-10

ENGINE: V8-6.6L (td)

**Intercooler  
46-20051**



### Parts Included:

- Intercooler (05-60050)
- Screw x3 (03-50157)
- Clip x3 (05-60104)
- Coupling (05-60097)
- O-Ring (05-60139)
- Clamp 3.25" (03-50530)
- Clamp 3.75" (05-60024)
- Outlet Tube (05-60143)
- Washer x1 (03-50065)
- Screw M8 x1 (03-50225)

### Tools Needed:

- 10mm deep socket
- 7/16" deep socket
- 13mm socket
- Flat head screwdriver
- Small and medium extension
- 10mm Wrench
- M6 Allen Wrench

**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. Remove stock intercooler. Removal of grill, headlights, airbox, intake system, core support, intercooler tubes etc. may be required for ease of removal.
2. Remove the driver side intercooler tube from the intercooler and the passenger side intercooler tube coupling with lower section tube.
3. Remove the 4 mounting rubber grommets. 2 from the upper side and 2 from the lower side of the intercooler.
4. Install grommets and the supplied clips onto the new aFe intercooler.
5. Install the aFe intercooler into the vehicle.
6. Install the 3 of the factory radiator mounting screws and the 1 supplied M8 x 1.25 x 30 screw into the lower radiator mount on the passenger side.
7. Install the supplied O-Ring to the first groove of the passenger-side lower outlet tube. It is recommended to use oil for easier installation of the outlet tube.
8. Install coupler, clamps, and set screws onto supplied intercooler tube.
9. Install intercooler tube with coupler onto passenger-side. Be sure not to pinch or cut O-Ring.
10. Once tube is installed tighten both clamps and set screws.
11. Reinstall all components removed in step 1.
12. Your install is now complete.