



## INSTALLATION INSTRUCTIONS

MAKE: FORD  
MODEL: F-250  
YEAR: 2008-2010  
ENGINE: 6.4L (td)

### ***Intercooler Tube*** **46-20078**



#### **Parts Included:**

- I/C Tube (1)
- Plug, 1/8 npt (2)
- Coupler, Silicone hump (2)
- Clamps, T-Bolt (4)

#### **Tools Needed:**

- 1/2" Socket
- 11mm Socket
- 10mm Socket
- 8mm Socket
- Pilers

**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 of this product as it involves removal of the turbocharger, intake manifold as well as opening the cooling and oil systems.

1. Disconnect the positive wire from the battery from the passenger side.
2. Disconnect the Negative wire from the battery from the driver side.
3. Remove the two bolts from the radiator support bracket from passenger side.
4. Remove the two bolts from the radiator support bracket from the driver side.
5. Loosen the clamps on the throttle body side and the intercooler side.
6. Unclip the hood latch cables and clip retainers.
7. Remove the cooler supported by the intercooler.
8. Remove the Horn assembly.
9. Remove the two bolts holding down the Intercooler.
10. Remove the cooler supported by the radiator core support. (Tilt the intercooler forward).
11. Remove the radiator core support by removing the 6 bolts.
12. Remove the stock intercooler tube from top of the engine.
13. Assemble aFe intercooler tube with hardware provided. (Install the aFe coupling with the inner bead on the intercooler side.
14. Snake the aFe intercooler tube from the top of the engine in-between the radiator and the frame.
15. Install aFe Intercooler tube from the throttle body side first do not tighten clamps.
16. Place radiator core support back in, trim where necessary on the passenger side of the support to avoid the aFe intercooler tube touching the support.
17. Re-install the radiator core support using the stock hardware.
18. Re-install the cooler that is being supported by the radiator core support.
19. Re-install the intercooler to the radiator core support.
20. Re- install the horn assemble to the radiator core support.
21. Re-install the cooler that's support by the intercooler.
22. Reinstall the intercooler tube with the intercooler.
23. Re-install the hood latch cables and retainers.
24. Re-install the radiator core support brackets from both the passenger and driver side.
25. Tighten all the radiator core support bolts including the one for the aFe intercooler tube.
26. Tighten all coupling clamps.
27. Re-install the battery terminals from the passenger and drive side.
28. Installation is now complete.