

INSTALLATION INSTRUCTIONS



MAKE: Ford
MODEL: F-250 / F-350
YEAR: 2011-2016
ENGINE: V8-6.7L (td) Power Stroke

**Hot Side
Intercooler Tube
46-20148-B**

	Parts Included:	
		Qty.
	Intercooler Tube, Hot Side	1
	Coupling; 3"ID x 5"L	1
	Clamp; Spring-Loaded T-Bolt 3-1/4"	2
	O-Ring; 60mm ID	1
	Plug; 1/8" NPT	1

CAUTION: Allow time for your vehicle to cool down prior to installation. When working on your vehicle proceed with caution. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. **aFe recommends professional installation on this product. Thoroughly inspect the aFe product to make sure there is no damage from shipping (if damage is noted, immediately contact aFe customer service).**

1. Park the vehicle on level ground and engage the parking brake.
2. Disconnect the negative battery cables.

NOTE: it may be necessary to use a pick to break the connection between the intercooler tube coupling and the intercooler in order to disconnect the intercooler tube coupling from the intercooler.

3. Loosen the clamp securing the hot side intercooler tube coupling to the intercooler, then disconnect the coupling from the intercooler.
4. Disconnect the quick connect adapter connecting the hot side intercooler tube to the turbo by lifting both sides of the retaining clip using two flat head screwdrivers and disconnect the intercooler tube from the turbo, then remove the tube from the vehicle.

Note: The retaining clip will need to be removed from the factory intercooler tube for reuse with the aFe intercooler tube.

5. Stand the factory intercooler tube up on the end with the metal adapter.
6. The plastic retainer will need to be removed from the intercooler tube by pushing it downwards on each side.
7. Once the plastic retainer is removed you can now remove the metal retaining clip for reuse with the supplied aFe hot side intercooler tube.

Note: Be sure to use thread sealant on the plug or sensor to prevent any leaking.

8. If you are not using any aftermarket sensors, install the supplied 1/8" NPT plug into the threaded fitting on the aFe hot side intercooler tube.

Note: Be sure to lubricate the O-ring with grease to prevent it from tearing during installation.

9. Install the supplied 60mm ID O-ring into the groove on the inside of the adapter on the aFe hot side intercooler tube.
10. Install the factory retaining clip into the slotted adapter on the aFe hot side intercooler tube with the opening facing downwards.
11. Install one (1) of the supplied 3-1/4" spring-loaded T-Bolt clamps onto the tube.
12. Install the supplied 3"ID x 5"L coupling onto the intercooler tube, with the bead on the inside of the coupling first, then push it back to the bend.
13. Install the remaining 3-1/4" spring-loaded T-Bolt clamp onto the intercooler inlet.
14. Connect the aFe hot side intercooler tube to the turbo and make sure the retaining clip snaps into place.
15. Slide the coupling from Step 12 onto the intercooler and make sure the bead on the inside of the coupling sits into the groove on the aFe hot side intercooler tube.
16. Rotate the clamps into place and tighten.
17. Reconnect the negative battery cables.
Install is now complete!

Note: Be sure to check all connection after 50-100 miles