



## INSTALLATION INSTRUCTIONS

MAKE: Ford  
MODEL: F-250/350  
YEAR: 1999-2003  
ENGINE: V8-7.3L (td)

**Cold Side  
Intercooler Tube  
46-20098-B (Black)  
46-20098-R (Red)**



### Parts Included:

- Intercooler Tube
- Coupling (x1)
- Clamp (x2)

### Tools Needed:

- 8mm, 11mm, & 13mm socket
- Ratchet
- Extension
- Flat blade 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 may reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. aFe Power recommends professional installation on our products

**Step 1:** Park vehicle on level ground and engage parking brake.

**Step 2:** Disconnect batteries.

**Step 3:** Remove the top portion of the air box by unclipping the top half of the air box, loosening the hose clamp, and disconnecting any electrical connections connected to it using an 8mm socket.

**Step 4:** Remove the bottom half of the air box by removing the four (4) mounting bolts using a 13mm socket.

**Step 5:** Loosen the clamps holding the driver side intercooler tube couplings and remove the entire tube, both couplings, and all four (4) clamps using an 11mm socket.

**Step 6:** Install the aFe coupling with clamps onto the shorter side of the aFe intercooler tube, the bead in the coupling goes on the intercooler tube. Do not tighten clamps at this time.

**Step 7:** Install the factory long coupling with clamps onto the longer side of the aFe intercooler tube, the bead in the coupling goes on the intercooler tube. Do not tighten clamps at this time.

**Step 8:** Install the aFe intercooler tube into the vehicle, first connect the factory coupling to the intercooler, and then connect the top coupling on to the turbo manifold.

**Step 9:** Ensure that the intercooler tube is not touching any metal surfaces then tighten all four (4) of the clamps using an 11mm socket.

**Step 10:** Reinstall parts removed from steps 3 and 4.

**Step 11:** Reinstall and reconnect all parts from step 2.

**Step 12:** Reconnect batteries.

**Step 13:** Installation is now complete.

**Enjoy and thank you for choosing aFe Power!**