



## INSTALLATION INSTRUCTIONS

MAKE: Ford  
MODEL: F-250/F-350  
YEAR: 2008-2010  
ENGINE: V8-6.4L (td)

## EGR Cooler 46-90079 Cooler Vertical

**aFe recommends professional installation on our products**



### Parts Included:

- EGR Cooler (1)
- M8 Studs (2)
- M8 Stud (1)
- M8 Bolt (1)
- M8 Nuts (3)
- EGR Clamp (2)
- Coolant Hose (2)
- Clamps (4)
- Gaskets (2)

### Tools Needed:

- 8mm Socket
- 10mm Socket
- 13mm Socket
- 15mm Socket
- 7/16" Deep Socket
- 3/8" Driver Ratchet
- 3/8" Driver 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:** Make sure the front wheels are straight and the steering wheel is not locked.
- 2:** Disconnect both batteries and remove the driver side battery
- 3:** Drain the engine coolant.
- 4:** Remove and retain the 3/8" hose that runs to the degas bottle (coolant overflow tank).
- 5:** Remove the upper radiator hose by popping the wire clip out and pulling the hose straight out.
- 6:** Remove all of the coolant hoses going to the degas bottle, battery tray vent line, battery tray and degas bottle.
- 7:** Loosen the clamp on the driver side intercooler tube and separate the intercooler tube from the rubber boot. It is not necessary to remove the tube.
- 8:** Disconnect the electrical connector on top of the vertical cooler.
- 9:** Disconnect all the coolant lines running to the vertical EGR cooler. Remove the nuts and bolts securing the coolers together. Release the mounting clamps, and separate the two coolers.
- 10:** Hold the intercooler tube back while pulling the vertical EGR cooler up and out.
- 11:** Remove the temperature sensor from the top of the vertical EGR cooler.
- 12:** Re-install the temperature sensor onto the aFe EGR cooler.
- 13:** Holding the intercooler tube out of the way, put the new vertical EGR cooler back in place.
- 14:** Reinstall the nuts and bolts securing the coolers together. Re-secure the mounting clamps. Reconnect all of the coolant lines to the vertical EGR cooler.
- 15:** Reconnect the electrical connector on top of the vertical cooler.
- 16:** Reinstall the intercooler tube, and tightly secure the hose clamp in place.
- 17:** Reinstall the battery tray, degas bottle, coolant hoses going to the degas bottle and the vent line going to the battery tray.
- 17:** Reinstall the upper radiator hose. Make sure to clip the wire clip back into the keeper slot.
- 18:** Reinstall the 3/8" hose that runs to the degas bottle.
- 19:** Refill the engine coolant.
- 20:** Install the driver side battery and reconnect both batteries.
- 21:** Your installation is now complete, Enjoy!