



## INSTALLATION INSTRUCTIONS

**MAKE:** Ford  
**MODEL:** F-250 / F-350  
**YEAR:** 2003 - 2007  
**ENGINE:** V8-6.0L (td)

**Exhaust Header**  
**304 Stainless Steel**  
48-33022



**Parts Included:**

- (P/N: 05-145535) Header, Right Side (x1)
- (P/N: 05-145536) Header, Left Side (x1)

**Hardware Included:**

- (P/N: 03-50375) Screws (x16)
- (P/N: 03-50410) Plugs (x2)
- (P/N: 05-46343) Gasket Set (x1)

**THIS PART IS FOR RACE USE ONLY**

This is a "Race Only" product that is to be used solely for competition. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use, including recreational off-road use, could be in violation of local, state and federal laws.

**Caution:** aFe recommends professional installation on our products. 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.

### **Passenger Side Header**

**Step 1:** Park vehicle on level ground. Raise front of vehicle and support with jack stands.

**Step 2:** Disconnect the vehicle batteries.

**Step 3:** Remove the passenger side wheel and inner fender liner.

**Step 4:** Pull the transmission dipstick out of the dip stick tube and set aside. Remove the nut holding the transmission dip stick tube in place with a 10mm wrench. Remove the upper dip stick tube from the transmission and set aside. It is not necessary to completely remove it from the vehicle.

**Step 5:** Remove the two bolts and nuts securing the passenger side up pipe to the manifold with a 10mm wrench and a 12mm socket.

**Step 6:** With a 10mm socket remove the eight bolts, eight spacers, and the passenger side manifold.

**Step 7:** Install the 1/8" NPT plug into the passenger side aFe header, be careful to not over tighten the plug.

**NOTE: If an EGT probe or other sensor will be installed in this header install the sensor in the 1/8" NPT port.**

**Step 8:** Install the aFe passenger side header to the cylinder head using the supplied hardware and stock spacers. Torque bolts to 20 lb-ft.

**Step 9:** Using the factory hardware bolt the passenger side aFe header to the passenger side up-pipe. Tighten bolts to 20 lb-ft.

**Step 10:** Install transmission dip stick tube, transmission dip stick, passenger side inner fender liner and wheel.

### **Driver Side Header**

**Step 11:** Remove the driver side wheel and inner fender liner.

**Step 12:** Use a 5/8" wrench to disconnect the exhaust pressure tube from the driver's side exhaust manifold.



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**Step 13:** Remove the two bolts and nuts securing the driver's side up pipe to the manifold with a 10mm wrench and a 12mm socket.

**Step 14:** With a 10mm socket remove the eight bolts, eight spacers, and the driver's side manifold.

**Step 15:** Install the 1/8" NPT plug into driver's side aFe header, be careful to not over tighten the plug.

**NOTE: If an EGT probe or other sensor will be installed in this header install the sensor in the 1/8" NPT Port.**

**Step 16:** With a 9/16" wrench remove the exhaust pressure fitting from the stock driver's side manifold and\ install on the aFe driver's side header.

**Step 17:** Using a 10mm socket remove the nut on the dip stick tube bracket.

**Step 18:** Install the aFe driver's side header over the dip stick tube, the dip stick tube will go in between the last to cylinder header tubes and the flange.

**Step 19:** Install the aFe driver's side header to the cylinder head using the supplied hardware and the stock spacers. Torque the bolts to 28 lb-ft.

**Step 20:** Using the factory hardware bolt the driver's side aFe header to the driver's side up-pipe. Tighten bolts to 20 lb.ft.

**Step 21:** Reinstall the nut on the dip stick tube bracket. Connect the exhaust pressure tube.

**Step 22:** Install driver's side inner fender liner and wheel.

**Step 23:** Connect vehicle batteries.

**Step 24:** Check for exhaust leaks.

**Step 25:** Your installation is now complete. Thank you for choosing aFe power.

**NOTE: Retighten connections after approximately 100-200 miles.**