



P.O. Box 1719
Corona, CA 92878
Support: 877-512-8111
www.aFefilters.com

Intake Kit Installation Instructions: '03-'07 Dodge Ram Cummins L6-5.9L (td)

Kit Part #	51/54/75-10412	Tools Required	Part List:
Make:	Dodge	10mm socket or wrench	1 Air Filter P/N (#24-91032 or Pro-GUARD 7 #72-90028 or Pro Dry S #21-90028)
Model:	RAM 2500-3500	13mm socket or wrench	1 Filter housing
Engine:	Cummins 5.9L-L6 including HO 600 and 610 Engines	9/16" socket or wrench	1 Intake tube
Year:	2003-2007	Ratchet and extension	2 Screws for sensor pad (8-32 x 5/8")
		Small flat screwdriver	2 Hex head screw, (3/8-16 x 1-1/2")
		Med flat screwdriver	2 Nuts, locking (3/8" - 16)
		5/16" nut driver	4 Washer, (3/8" - 7/8")
			3 1/4-20 combination head machine screw
			3 1/4" split lock washer
			1 Trim seal 47" long
			3 1/4" flat washer
			1 Temp sensor gasket
			1 Torque Tube
			1 4" x 3" straight coupler
			1 4" x 2 1/2" high temp straight coupler
			4 Clamps #064

Step 1



Complete kit components

Step 2



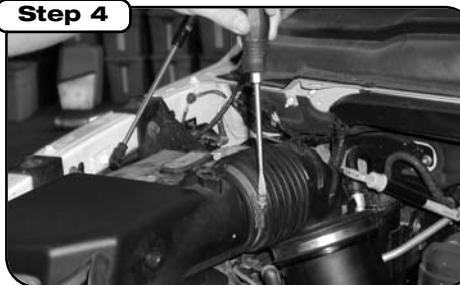
Complete stock intake. Make sure that the engine has sufficiently cooled down prior to starting installation of this kit.

Step 3



Disconnect the factory wiring harness from the intake temperature sensor located on the top of the airbox. Remove the intake temperature sensor from the airbox and set aside.

Step 4



Loosen clamp holding factory tube to factory airbox and clamp at turbo. Remove complete system.

Step 5



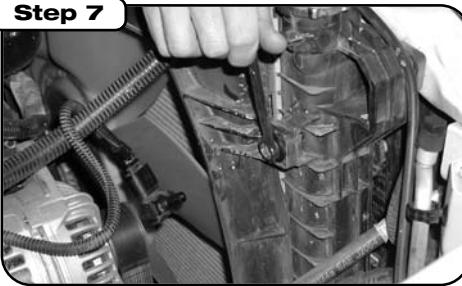
Using 10 mm wrench, remove the bolt that secures the factory airbox to the radiator bulkhead.

Step 6



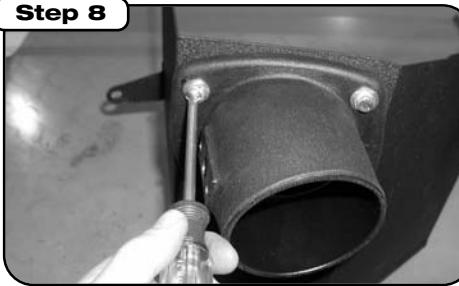
Remove factory airbox

Step 7



Using a 13mm wrench, loosen and remove the upper passenger-side bolt on the radiator shroud and set aside for installation of heat shield. Verify that the engine is cool, then temporarily remove the overflow hose from the radiator filler neck for clearance.

Step 8



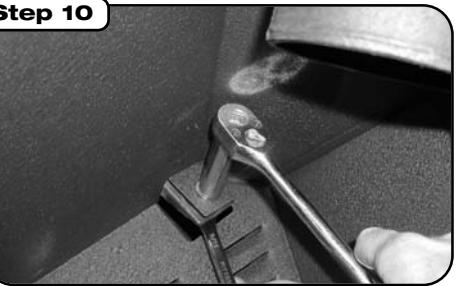
Install aFe intake tube and trim seal on the heat shield, be sure to install in the orientation shown. Install heat shield into engine compartment but do not attach any bolts. The bottom louvered panel must be positioned above the aluminum A/C line.

Step 9



Using the bolt removed from the fan shroud earlier, secure the heat shield to the shroud using the tab extending from the heat shield, do not fully tighten.

Step 10



Using provided bolts, locking nuts and washers on both sides of the bolt, fasten lower tab on heat shield and slotted hole to the existing rubber mounts. Be careful not to over-tighten, it is only necessary that the rubber mounts be slightly compressed. Fully tighten shroud.

Step 11



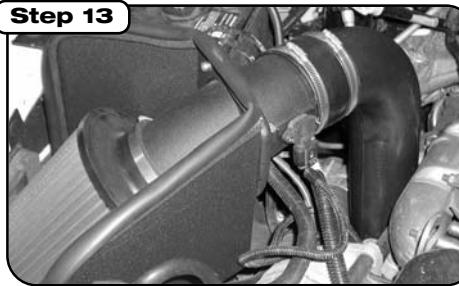
Install intake temperature sensor that was removed from the airbox onto the aFe intake tube using provided hardware and gasket, then tighten. Orientation does not matter on the temperature sensor. Re-connect factory harness to the temperature sensor.

Step 12



With clamps and couplers provided install high temp coupler at turbo side and 4"x3" urethane coupler at filter side, tighten using 5/16" nut driver. Install pre-oiled filter onto intake tube and tighten. Do not use any oil or grease when attaching filter. Reattach

Step 13



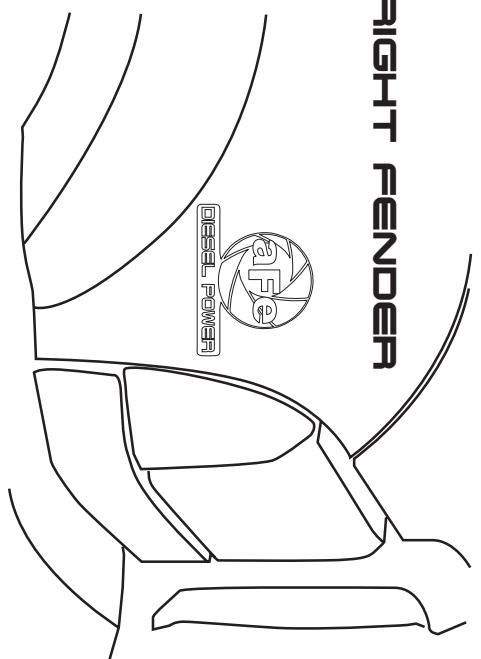
Complete intake kit installed. Be sure to re-check connections and re-tighten after a few hours of operation. Thank you for choosing aFe!

DIESEL POWER BADGE

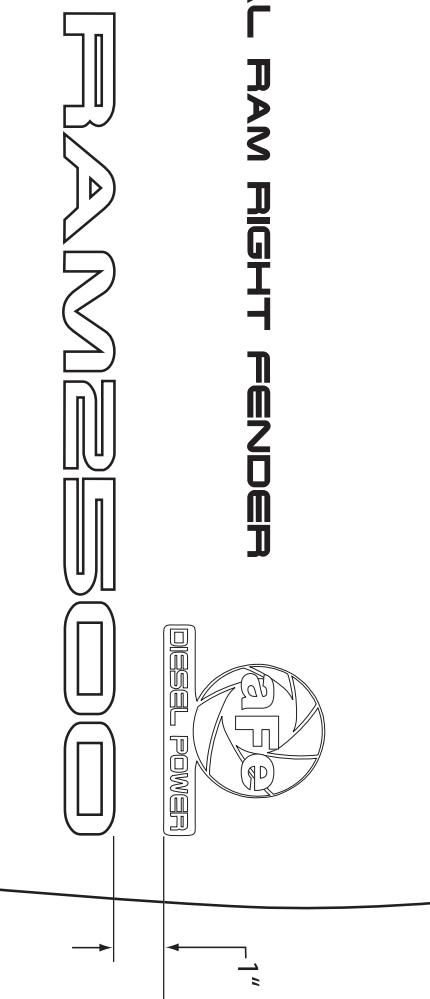
Your system includes one "Diesel Power" logos designed to compliment your truck.

Use the diagrams below for positioning of the logo for a clean factory look.

TYPICAL FORD RIGHT FENDER



TYPICAL RAM RIGHT FENDER



TYPICAL GM TRUCK LEFT FENDER

