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

	Kit Part #	51/54/75-10412	Tools Required	Part List:	3	1/4" split lock washer
			10mm socket or wrench	1 Filter & clamp (PN 24-91032 or PN 72-90028	1	Trim seal 47" long
	Make:	Dodge	13mm socket or wrench	Pro-GUARD 7 ProDry S P/N 21-90028)	3	1/4" flat washer
	Model:	RAM 2500-3500	9/16" socket or wrench	1 Filter housing	1	Temp sensor gasket
	Engine:	Cummins 5.9L-L6 including	Ratchet and extension	1 Intake tube	1	Torque Tube
		HO 600 and 610 Engines	Small flat screwdriver	2 Screws for sensor pad (8-32 x 5/8")	1	4" x 3" straight coupler
P.O. Box 1719 Corona, CA 92878 Support: 877-512-8111 www.aFefilters.com	Year:	2003-2007	Med flat screwdriver	2 Hex bolts, (3/8-16 thread)	1	4" x 2 1/2" high temp straight coupler
			5/16" nut driver	2 Nuts, locking (3/8" - 16)	4	Clamps #064
				4 Washer, (3/8" - 7/8")		
				3 1/4-20 combination head machine screw		



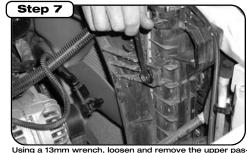
**Complete kit components** 



Remove factory airbox



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



senger-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.



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



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



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



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



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.



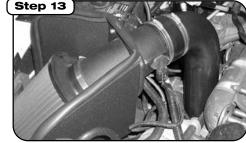
Using provided bolts, locking nuts and washers on both sides of the bolt, fasten lower tab on heat shield and slotted hole to the existing rubber mounts. Be careful not to over-tighten, it is only necessary that the rubber mounts be slightly compressed. Fully tighten shroud.



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.



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 preoiled filter onto intake tube and tighten. Do not use any oil or grease when attaching filter. Reattach



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

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe's "Restore Kit" (aFe P/N: 90-505001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil or aFe P/N: 90-505000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil). Filter Replacement: Magnum FLOW PN: 24-91032 (black w/blue media) or Pro-GUARD 7 ™ PN: 72-90028. ProDry S P/N 21-90028 (black w/ white media) Pro Dry S Cleaning: See cleaning instruction sheet 06-00074 06-80191