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Intake Kit Installation Instructions: 2007.5 Dodge Ram Cummins L6-6.7L (td)

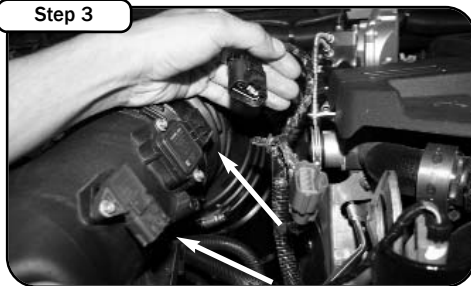
Kit Part #	51/54/75-31342		Tools Required:	Part List:	2 Washers, flat 1/4"
Make:	Dodge		5/16" nut driver	1 Air filter P/N (24-91039 or Pro-GUARD 7™ 72-90049 or Pro Dry S™ 21-90049)	4 Washers, flat 3/8"
Model	Year	Engine	10mm socket or wrench	1 Housing	1 T-20 torx bit
Ram Cummins	2007.5	L6-6.7L (td)	13mm socket or wrench	1 Tube, rotomold	2 Nut, hex nylon lock 3/8"
Sterling Bullet	2007.5	L6-6.7L (td)	3/8" socket or wrench	2 Screws, hex 3/8-16 x 1-1/2"	2 Screws, hex 1/4-20 x 1"
			Flathead screwdriver	1 Gasket, temp sensor	1 3/4" trim seal @ 47"L
			Ratchet and extension	3 Screws, #8-32 x 5/16"L	
			T-20 torx bit (included)	1 Gasket, MAF sensor	
				2 Washers, 1/4-20" split lock	



Complete kit components



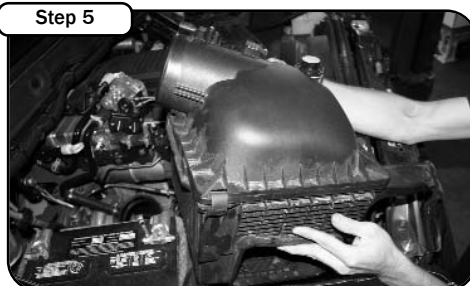
Complete stock Intake.



Disconnect MAF sensor and temp sensor harness.



With 5/16" nut driver, loosen the clamp at air box and at bottom of intake tube. (Make sure NOT at turbo!) Remove upper half of OE intake tube and leave bottom OE coupler.



Loosen the 10mm nut at front of air box and remove. Carefully grab and pull out OE intake system from vehicle.



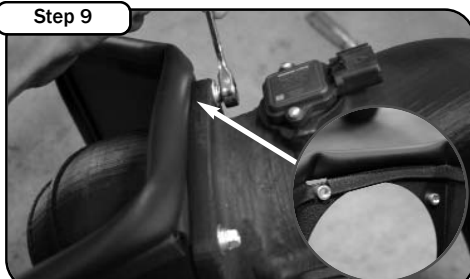
Loosen and remove the 13mm radiator bolt. Set aside for later use.



Remove the MAF sensor and the temp sensor with T-20 torx bit provided.



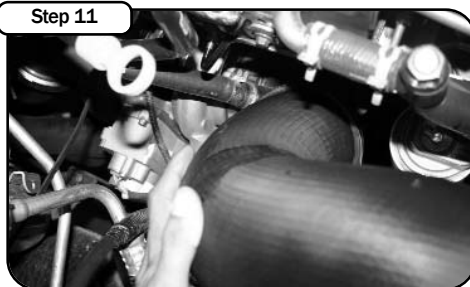
Insert MAF sensor and temp sensor into new tube with gaskets and #8-32 screws provided. Tighten using flathead screwdriver.



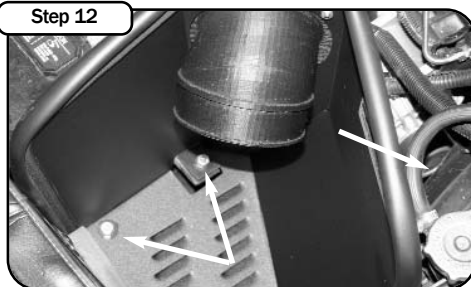
Install trim seal to housing, make sure cutout is at perm-nut on housing. Install tube to outside of housing. Tighten using hex screws, split and flat washers provided with 3/8" socket or wrench.



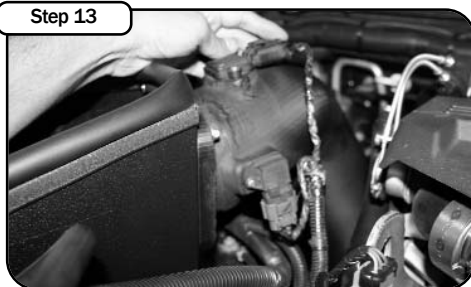
Install new housing with intake tube into vehicle. Position tube and housing to factory position.



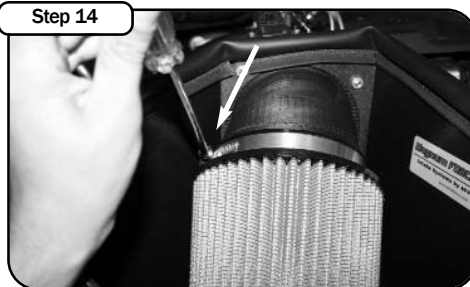
Make sure intake tube is inside of OE coupler. Do not tighten clamp at this time (see step 13).



With hardware provided, tighten down housing using 14mm socket or wrench. Re-install 13mm radiator bolt through housing from step 6.



Now tighten clamp at OE coupler and tube using 5/16" nut driver. Connect MAF sensor and temp sensor.



Install air filter and tighten using 5/16" nut driver.



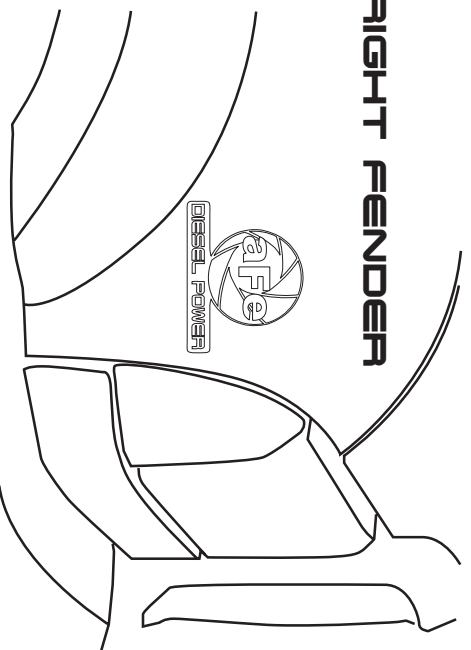
Your installation is now complete. Check all clamps and connections. Periodically check all clamps and hoses. Thank you for choosing aFe!

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe's "Restore Kit" (aFe P/N: 90-50001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil or aFe P/N: 90-50000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil).
 Filter Replacement: Magnum FLOW PN: 24-91039 (black w/blue media) or 72-90049 Pro-GUARD 7 (black w/gold media) or Pro Dry S P/N 21-90049 (black w/ white media) Pro Dry S cleaning: see cleaning instruction sheet 06-00074

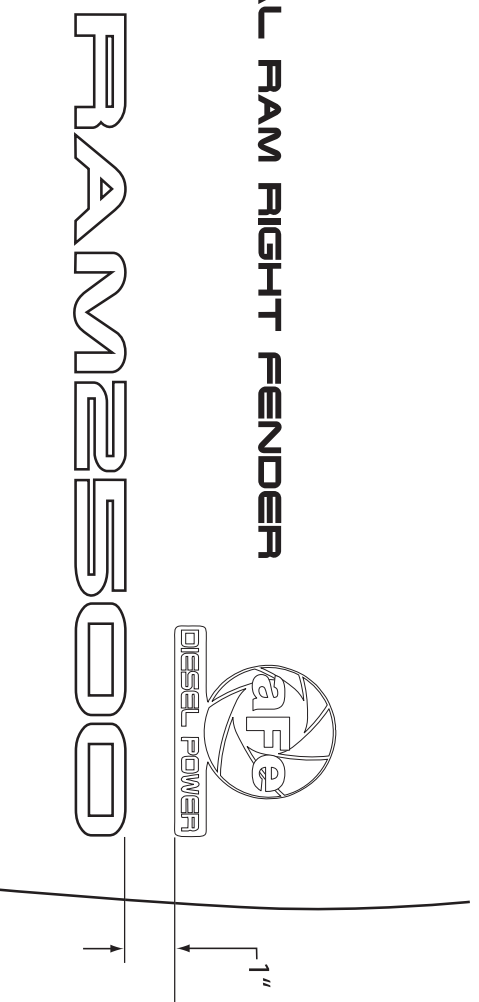
DIESEL POWER BADGE

Your system includes one "Diesel Power" logo 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

