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

Step 1



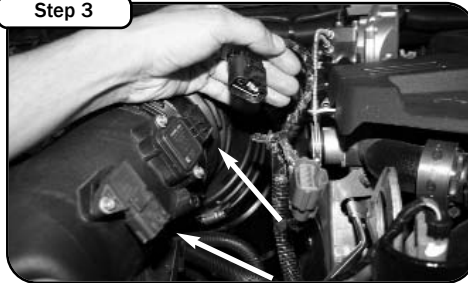
Complete kit components

Step 2



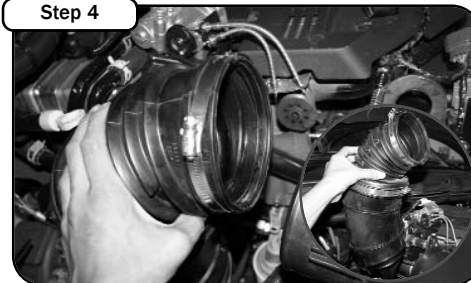
Complete stock intake.

Step 3



Disconnect MAF sensor and temp sensor harness.

Step 4



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.

Step 5



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

Step 6



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

Step 7



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

Step 8



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

Step 9



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.

Step 10



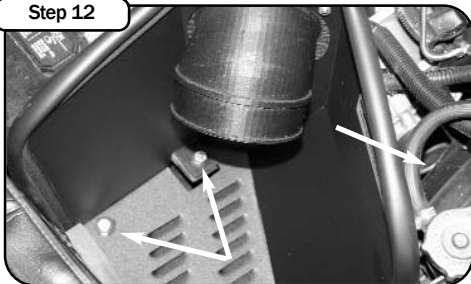
Install new housing with intake tube into vehicle. Position tube and housing to factory position.

Step 11



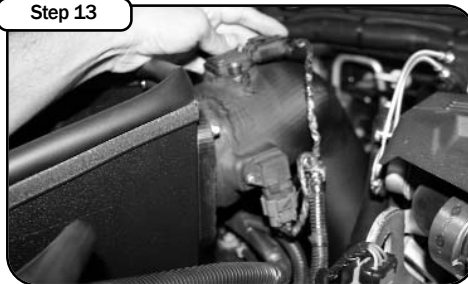
Make sure intake tube is inside of OE coupler. Do not tighten clamp at this time (see step 13).

Step 12



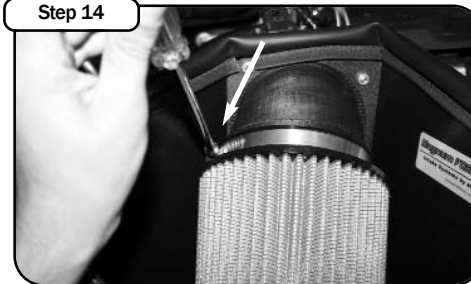
With hardware provided, tighten down housing using 14mm socket or wrench. Re-install 13mm radiator bolt through housing from step 6.

Step 13



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

Step 14



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

Step 15



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