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Intake Kit Installation Instructions: '03-'08 Dodge Ram V8-5.7L Stage-2 Air Intake

Kit Part # 51/54-10502			Tools Required: 7/16 socket or wrench 5/16" nut driver 13 mm socket or wrench 10 mm socket or wrench Flathead screwdriver Ratchet and extension 5/32” Hex Head (Allen Wrench)	Part List: 1 Air filter (P/N#24-91018 or Pro Dry S™ #21-90020) 1 Housing powder coat black wrinkle 1 Housing cover aluminum clear coat 1 Intake tube rotomolded 2 M6 x 1 x 25mm hex head 2 M6 lock washer 2 M6 flat washer	2 M6 x 1 hex nut 3 Screw Button head 1/4-20x3/8 1 Coupler hump 4x4 2 Clamps #064 1 Vinyl Cap
Make: Dodge					
Model	Year	Engine			
Ram 1500	'03-'08	V8-5.7L			
Ram 2500	'03-'08	V8-5.7L			
Ram 3500	'03-'08	V8-5.7L			



Complete kit components



Complete stock intake.



Disconnect negative post from battery terminal. Loosen the 2 hose clamps on the intake pipe.



Pull out the breather hose connected to the filter housing. Then remove the factory intake duct assembly off of the engine.



Grab the airbox from both sides and pull firmly up and out. The box is held in place with rubber grommets and lifts out very easy.



Turn over the factory airbox and remove 3 of the rubber grommets out of the box and transfer them to the new airbox in the pre-determined holes.



Insert the new intake tube thru the entry hole on side of the housing. Bolt the flange on the pipe to the housing using the supplied nuts and bolts. (Make sure you use the flat washer on one side and the lock washer and nut on the other side). Finally slide the urethane coupler and clamps on the end of the intake tube.



Remove the 13mm bolt on the left side of the engine bay by the hood shock. Place the assemble intake tube and housing assembly into the factory location. Line up the plastic pins on the bottom of the engine bay with the rubber grommets and lower the housing in. Line up the mounting hole on the side of the housing and reinstall the 13mm bolt.



Slide the urethane coupler over the inlet and tighten the hose clamps.



Insert the rubber breather hose into the new intake tube. The hose may have to be trimmed shorter if too long. No clamps are required. If no breather hose is used, cover vent with the provided vinyl cap.



Install the pre-oiled filter in the housing and tighten down clamp. DO-NOT use any oil or grease.



Install the cover to the housing. Fasten lid to housing with the supplied button head screws.



On vehicles equipped with an underhood light there may be clearance problems between the housing cover & light. The light can be removed or relocated using an existing underhood hole & screw/nut. Close hood slowly to verify hood clearance.



Place enclosed CARB EO sticker on a clean/smooth surface on or near the device. EO identification label is required in passing a smog check inspection. Your installation is now complete. Verify all hoses and clamps are tight and that all electrical components are secure.

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).on Filter Replacement: Magnum FLOW PN: 24-91018 (black w/blue media).Pro Dry S™ P/N:21-90020 Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074