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Intake Kit Installation Instructions: 05-08 Dodge Magnum, Charger, Chrysler 300C V8 5.7L, 2006 SRT-8

Kit Part #	51/54-10712 Stage-2 Air Intake		Tools Required	Part List:	
Make	Dodge/ Chrysler		5/16" nut driver or slotted screwdriver	1 Air filter (replacement # 24-91031)	3 M6 Nut
Model	Year	Engine	10mm socket or wrench	Pro Dry S™ 21-90045	1 Trim seal 7/16" bulb (21")
Challenger	07-11	V8-5.7L	Ratchet and extension	1 Intake tube	3 Screw M6 x 1 x 25
Challenger SRT-8	09-10	V8-6.1L		1 Intake housing	6 Washer Flat M6
Charger	06-10	V8-5.7L		1 Coupler 3.5 x 4.25 x 2.4L	3 Washer Split M6
Charger SRT-8	06-10	V8-6.1L		1 Clamps #072	1 Grommet Temp.sensor
Magnum	05-08	V8-5.7L		1 Clamps #056	
Magnum SRT-8	06-08	V8-6.1L		2 Clamps #008	
300C	05-10	V8-5.7L		1 Vent hose 5/8 x 15"	
300C SRT-8	05-10	V8-6.1L			



Complete kit



Complete stock intake.



Disconnect negative terminal from battery. Lift off Hemi engine cover. Remove the Temp. Sensor on the side of the intake duct. Be careful not to damage sensor



Loosen the two hose clamps on the intake duct and remove duct from engine bay.



Remove the 10mm screw securing the airbox to the vehicle. Save for re-use later.



Remove the 5/8" breather hose on the side of the valve cover. Remove airbox assembly out of the engine bay.



Slide the intake duct into the housing make sure you line up the mounting holes correctly.



Lower housing and tube assembly into engine bay. Make sure the tab on the back of the housing slides into the slot on the side of the radiator reservoir. Be sure to clear rubber hose near bottom of housing.



Place coupler and hose clamps on the throttle body. Position tube into coupler and tighten the clamps down.



Align the mounting holes on the tube and the housing. Secure the assembly with the provided M6 bolts washers and nuts.



Insert the rubber grommet into the side of the intake duct and re-connect the Temperature Sensor.



Install trim seal along the edge of the housing. Start at one end and work your way around the housing.



Install and tighten your pre-oiled filter. Do not use any grease or oil.



On SRT-8 models re-use factory crank case breather hose (shown in above photo). On non SRT-8 models use provided hose and clamps. Replace cover and reconnect battery.



Your installation is now complete. Tighten all connections and clamps. Re-check after a few hours. Place the included CARB EO Sticker on or near the intake system on a smooth, clean surface. E.O identification label is required in passing the Smog Check Inspection.

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: 24-91031 (black w/blue media). **Pro Dry S™** P/N: 21-90045 **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074