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Intake Kit Installation Instructions: Jeep Grand Cherokee '05-'10/Commander '06-'10 V8-5.7L Stage-2 Air Intake

Kit Part #	51/54/75-10242	Tools Required:	Part List:	1 Grommet, air temp sensor
Make:	Jeep	5/16" Nut Driver	1 Air filter Replacement P/N (24-45003 or 21-45003 Pro Dry S)	1 Hose, 1/2" x 23" L
Model	Year	Engine	1 Housing	4 Button head screws
Grand Cherokee	'05-'10	V8-5.7L (HEMI)	1 Housing cover	2 Screw 1/4-20 x 1"
Commander	'06-'10	V8-5.7L (HEMI)	1 Coupler, reducer	2 Nut 1/4 - 20
			1 Clamp # 072	4 Washer, flat
			1 Clamp # 060	1 Intake tube
			2 Clamp, Mini, #006	



Complete kit with parts.



Complete stock intake.



With 5/16" nut driver, loosen clamp at OE airbox. Detach the two factory clips holding the top of the OE airbox.



Carefully remove engine cover, remove oil cap first and gently pull up and forward.



1) With 10 mm socket or wrench, loosen the 10mm bolt holding the factory intake plenum box. 2) With 5/16" nut driver loosen OE factory clamp at throttle body.



Carefully remove upper half of OE airbox and plenum intake box.



Remove the factory air temp sensor from bottom of the OE intake plenum box. Set aside to be re-installed on to new aFe intake tube.



Install supplied grommet into tube. Carefully place air temp sensor into new aFe intake tube.



With supplied screws, nuts and washers, mount aFe intake tube onto housing. Tighten using 7/16" socket or wrench.



Place the reducer coupler onto the throttle body with supplied clamps. Tighten down the clamp at throttle body only.



Gently place the new tube and housing into vehicle. At housing, re-attach the two OE clips from bottom half of airbox to the new aFe housing. Tighten clamp on coupler at the tube side.



Carefully remove OE breather line. Replace with 1/2" hose supplied, insert one end onto tube and other onto breather fitting. Use the supplied mini clamps.



Place high flow aFe filter onto tube. Tighten using 5/16" nut driver. Gently place cover onto housing using the 4 button head screws. Tighten using 5/32" allen wrench.



Place enclosed CARB EO sticker on a clean/smooth surface on or near the device. EO identification label is required in passing the Smog Check Inspection. The installation is now complete. Periodically Check all clamps and connections. 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). on Filter Replacement: Magnum FLOW PN: 24-45003 (black w/blue media). Pro Dry S™ P/N 21-45003 (black w/ white media) Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074