

Intake Kit Installation Instructions: GM Duramax LLY/LBZ 2006-2007 V8-6.6L (td)



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Kit Part #	51/54-80882		Tools Required:	Part List:	4 Screws, button head M6
	75-80883		5/16" nut driver	1 Air filter P/N (PG7™ 72-90038, or P5R™ 24-90038 or PDS™ 21-90038)	2 Spacer, nylon 3/8" x 5/16"
Make:	GMC		10mm socket or wrench	1 Housing, rotomold	2 Screws, #8-32 x 3/4"L
Model	Year	Engine	7/16" socket or wrench	1 Tube, (MAF side) rotomold	1 Gasket, MAF sensor
Sierra 2500HD	'06-'07	V8-6.6L(td) LLY/LBZ	Flathead screwdriver	1 Tube, (filter side) rotomold	2 Screws, Hex 1/4-20"
Sierra 3500	'06-'07	V8-6.6L(td) LLY/LBZ	Phillips screwdriver	1 Cover, housing	2 Nut, self locking 1/4-20"
Make:	Chevrolet		Ratchet and extension	1 Coupler, straight 5" x 2-1/4"	4 Washers, flat 1/4-20"
Model	Year	Engine	T-20 torx bit (included)	1 Coupler, hump 4-1/8" x 3"	1 T-20 torx bit
Silverado 2500HD	'06-'07	V8-6.6L(td) LLY/LBZ	5/32" allen key	2 Clamp, #072	
Silverado 3500	'06-'07	V8-6.6L(td) LLY/LBZ		2 Clamp, #080	



Complete kit components



Complete stock Intake.



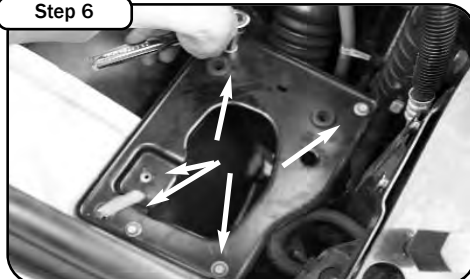
With 5/16" nut driver, loosen the clamp @ turbo end.



Disconnect MAF sensor harness .



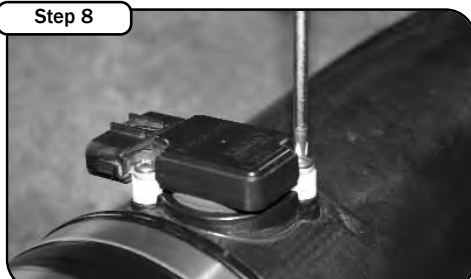
Carefully grab and pull out OE intake system. Remove out of vehicle.



With 10mm socket, loosen the 5 screws holding the OE intake bracket and remove. Save 4 screws for later install.



Remove plastic cover behind passenger head light.



Remove MAF sensor from OE intake with T-20 torx bit. Insert MAF sensor into new tube with gasket, nylon spacer and #8-32 screws provided, spacers and gasket should be between tube and sensor.



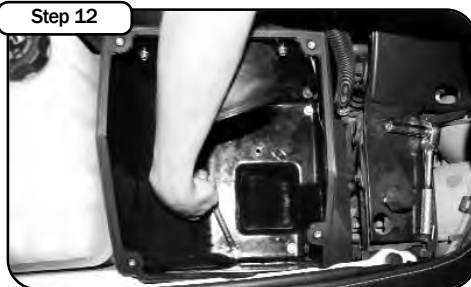
Install filter tube to outside of housing. Tighten using screws, washers and nuts provided with 7/16" socket or wrench.



Install 5" straight coupler with clamps to MAF tube and connect to filter tube. Place hump coupler, at end of tube with clamps provided.



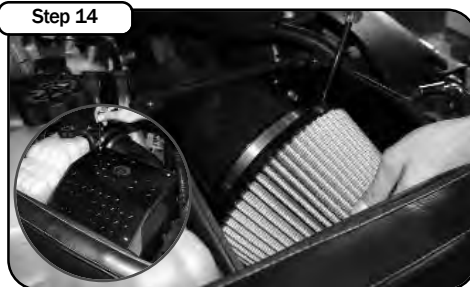
Install into vehicle. Position tube and housing to factory position. Do not tighten clamps!



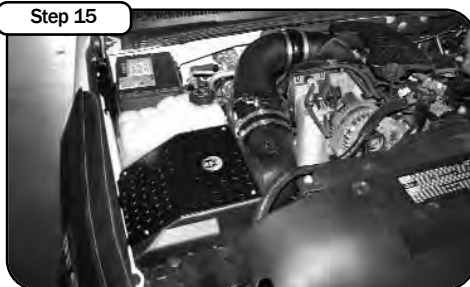
With 10mm socket or wrench, tighten down housing using 4 screws from step 6.



Tighten all clamps with 5/16" nut driver. Re-connect MAF sensor harness.



Install Air Filter and tighten using 5/16" nut driver. With button head screws provided, install housing cover and tighten using 5/32" allen key.



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: 90-50000 gold oil aerosol, aFe P/N: 90-50500 gold squeeze oil, or aFe P/N: 90-50001 blue oil aerosol, aFe P/N: 90-50501 blue oil squeeze, or aFe P/N: 90-59999 ProDry S cleaning kit).
Filter Replacement: 72-90038 **Pro-GUARD 7** (black w/gold media), or 24-90038 **Pro5R** (black w/ blue media), or 21-90038 **ProDry S** (black w/white media)