



advanced FLOW engineering™
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Intake Kit Installation Instructions: 2004.5-2005 GM Sierra/Silverado 2500HD/3500 V8-6.6L Duramax LLY (td)

Kit Part #			Tools Required		Part List: Stage 1		Part List: Stage 2 (additional components included in 54-10612) (These components also comprises 54-10619 Tube Kit)	
51/54/75-10611 Stage 1			10mm socket or wrench		1 Filter & Clamp (P/N 24-91029 P5R or P/N 21-90026 ProDry S or P/N 72-90026 Pro-Guard 7)		1 Intake tube	
51/54/75-10612 Stage 2			7/16" wrench		1 Housing		1 Coupling, turbo reducer	
75-10612-0V Stage 2 w/Value Pack 54-10619			Torx bit (supplied in kit)		1 Cover		1 Coupling, filter housing	
Make: Chevrolet			5/16" nutdriver or slotted screwdriver		3 1/4-20 x 3/4 hex head bolt		3 Clamps, #072	
Model: Silverado 2500 HD			Phillips screwdriver		6 Flat Washers		1 Clamp, #060	
Engine: '04.5-'05			3/8" wrench		2 5/32" screw			
Year: '04.5-'05					1 Torx bit			
Make: GMC					1 Filter adapter		Included in P/N 75-10612-0V Value Pack Only:	
Model: Sierra 2500 HD					1 gasket, MAF sensor		1 Spare Filter P/N 21-90026	
Engine: '04.5-'05					3 Washer, Split Lock		1 Pre-filter P/N 28-10061	
Year: '04.5-'05					2 Nylon spacers		1 Cleaning Kit 90-50500	
Model: Sierra 3500					3 1/4"-20 x 1 1/8" hex head bolt			
Engine: '04.5-'05					3 1/4"20 nut			
Year: '04.5-'05								
Note: The tube fits only the LLY engine.								



Step 1



Complete Stage 2 shown. Stage 1 kit does not include tube, clamps and couplers.

Step 2



Complete stock intake.

Step 3



Remove two screws that hold mass air flow sensor to stock airbox using supplied torx bit and remove sensor from airbox.

Step 4



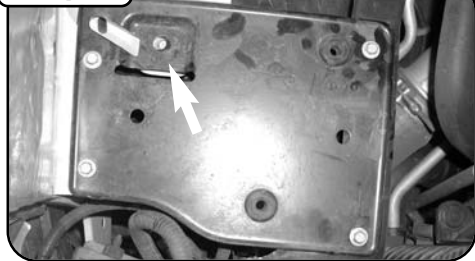
Loosen and separate stock intake tube from stock airbox.

Step 5



Remove the complete stock airbox from the rubber mounts. Pull up and slide sideways toward radiator.

Step 6



Remove (5) 10mm bolts as shown to remove airbox pan.

Step 7



Install filter adaptor to housing with screws and nuts provided. Fasten securely.

Step 8



Insert mass air flow sensor back into housing and tighten down using 2 screws, 2 nylon spacers and gasket provided between sensor and tube.

Step 9



Install housing and re-use 4 bolts from step 6. Fasten securely.

Step 10



Reconnect stock intake tube to Housing. Fasten securely. Also reconnect MAF sensor harness.

Step 11



Install filter and tighten clamp. Do not use oil or grease.

Step 12



Place cover on top of housing and fasten securely using 3 supplied 1/4-20x3/4 bolts and washers. For stage I kits, make sure all clamps are tight and all components are secure. Check and retighten connections and filter after a few hours of operation. (End of stage I installation instructions.)

Step 13



Complete Stage 1 kit installed, for stage II kit instructions, continue on to step 14 and 15.

Step 14



Install provided couplers. Be sure to install the small end of the tapered coupler to the turbo inlet housing. The remaining coupler must be installed with the smaller inner diameter attached to the heat shield, and the larger inner diameter will receive the Stage II tube. Install Stage II tube into couplers. Reposition duct clamps if additional clearance is necessary.

Step 15



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. Complete Stage 2 kit installed. Make sure all clamps are tight and all components are secure. Check and retighten connections and filter after a few hours of operation.

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 aerosol oil, aFe P/N: 90-50501 blue squeeze oil, aFe P/N: 90-50000 gold aerosol oil, aFe P/N: 90-50500 gold squeeze oil, or aFe P/N: 90-59999 Pro Dry S™ cleaner only.) Filter Replacement Pro-GUARD 7™ P/N: 72-90026 (black w/gold media) or P5R™ P/N: 24-91029 (black w/blue media) or Pro Dry S™ P/N 21-90026 (black w/white media). Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074. For replacement part(s) or "Restore Kit" please call aFe sales/tech support @ 951-493-7100.