



# Intake Kit Installation Instructions: GM Duramax LLY 2004.5-2005 V8-6.6L (td) Stage 2 Si

<b>Kit P/N:</b> 51-80612-E	<b>Tools Required:</b>	
<b>Make:</b> Chevrolet	5/16" nut driver	
<b>Model:</b> Silverado 2500 HD	<b>Year:</b> '04.5-'05	<b>Engine:</b> V8-6.6L(td) LLY
Silverado 3500	'04.5-'05	V8-6.6L(td) LLY
<b>Make:</b> GMC	Flat head screwdriver	
<b>Model:</b> Sierra 2500 HD	<b>Year:</b> '04.5-'05	<b>Engine:</b> V8-6.6L(td) LLY
Sierra 3500	'04.5-'05	V8-6.6L(td) LLY
<b>NOTE: Please read instructions before installation.</b>		

<b>Parts List:</b>
1 Air filter (ProDryS™ 21-90038)
1 Housing, rotomold (05-00880)
1 Cover, (05C00880)
1 Tube, (05-01071)
1 Tube, (05-01072)
1 Coupler, reducer (05-00632)
1 Coupler, hump (05-00800)
1 Clamp, #060
3 Clamp, #072

2 Screw, 1/4-20" x 1.25
4 Washer, fender 1/4"
2 Nut, nylon insert 1/4-20"
1 Torx bit, T20
2 Screw, 8/32" x 5/8
1 Gasket, MAF sensor
2 Spacer, nylon
4 Screws, button head M6
1 aFe Diesel Hat
1 12oz. Cleaner Spray for ProDryS™



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**Complete Stock Intake.**  
Disconnect battery before install.



With T20 torx bit provided, loosen the two screws holding in MAF sensor.



Disconnect MAF sensor harness and remove carefully. Note: MAF sensor can be damaged easily!



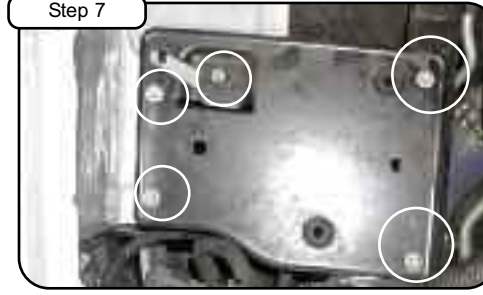
Loosen clamp on air box with 5/16" nut driver.



Lift and pull air box out of vehicle.



Loosen clamp on turbo with 5/16" nut driver. Remove factory intake tube.



Loosen the 5 bolts on stock air box tray using a 10mm socket or wrench. Save 4 bolts for later use (see step 11). Remove the air box tray out of vehicle.



Install MAF sensor into new tube. Use provided screws, nylon spacers and gasket and tighten using phillips screwdriver. Note: Make sure nylon spacers are between sensor and tube.



Attach tube to outside of housing using screws, nuts and fender washers provided and tighten using 7/16" socket or wrench.



Install housing with tube into vehicle and position.



Use the 4 bolts from step 9 and tighten housing using 10mm socket or wrench.



Install 05-01072 tube to turbo side with 05-00632 reducer coupling and clamps provided and position to tube on housing. Do not tighten clamps.



install hump coupling with clamps provided and secure. Tighten all clamps using 5/16" nut driver. Reconnect MAF sensor harness.



Install air filter and tighten using 5/16" nut driver. Attach cover to housing using provided button head screws. Tighten using 5/32" allen key. Reconnect battery terminals.



Your installation is now complete. Make sure you tighten all clamps and check all electrical connections periodically. 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, aFe P/N: 90-50501 blue oil squeeze) or aFe P/N: 90-59999 Pro Dry S™ cleaner only.)  
Filter Replacement P5R™ P/N 24-90038 (black w/ blue media) or Pro Dry S™ P/N 21-90038 (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