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Intake Kit Installation Instructions: '04.5-'05 GM Duramax Turbo Diesel LLY Stage 1 & Stage 2

Kit Part #	51/54-10611 & 75-10611 Stage 1 51/54-10612 & 75-10612 Stage 2 51/54-10619	Tools Required	Part List: Stage 1	2 nylon spacers
Make:	Chevrolet	10mm socket or wrench	1 Air filter replacement P/N: (-24-91029, -24-90026 Pro Dry S™-21-90026 & Pro-GUARD 7™-72-90026)	3 1/4-20 x 1 1/4" hex head bolt
Model:	Engine: Year:	7/16" wrench	1 Housing	3 1/4-20 nut
Silverado HD 2500	2004.5- 2005 V8-6.6L LLY (TD) Duramax	Torx bit (supplied in kit)	1 Cover	Part List: Stage 2 (additional components included in 54-10612) (These components also comprises 54-10619 Tube Kit)
Silverado HD 3500	2004.5- 2005 V8-6.6L LLY (TD) Duramax	5/16" nutdriver or slotted screwdriver	3 1/4-20 x 3/4 hex head bolt	1 Intake tube
Make:	GMC	Phillips screwdriver	1 Adaptor, Air Filter	1 Coupling, turbo reducer
Model:	Engine: Year:	3/8" wrench	6 Flat washers, M6	1 Coupling, filter housing
Sierra HD 2500	2004.5- 2005 V8-6.6L LLY (TD) Duramax		2 8-32 x 5/8" screw	3 Clamps, #072
Sierra HD 3500	2004.5- 2005 V8-6.6L LLY (TD) Duramax		1 Torx bit	1 Clamp, #060
Note: This tube fits only the LLY engine.			1 Gasket, MAF sensor	



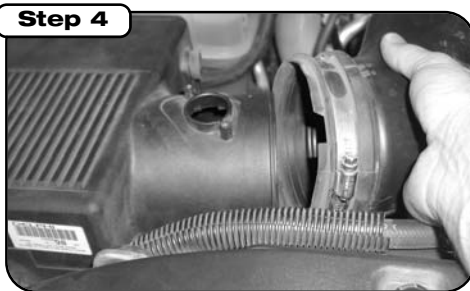
Step 1
Complete Stage 2 shown. Stage 1 kit does not include tube, clamps and couplers.



Step 2
Complete stock intake.



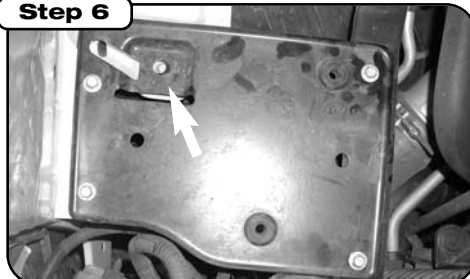
Step 3
Remove two screws that hold mass air flow sensor to stock airbox using supplied torx bit and remove sensor from airbox.



Step 4
Loosen and separate stock intake tube from stock airbox.



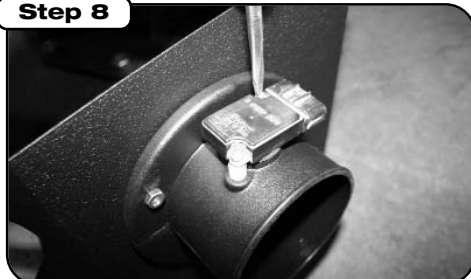
Step 5
Remove the complete stock airbox from the rubber mounts. Pull up and slide sideways toward radiator.



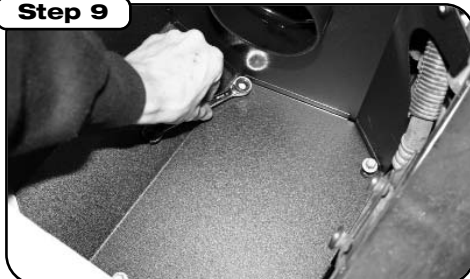
Step 6
Remove (5) 10mm bolts as shown to remove airbox pan.



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 1 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 1 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.

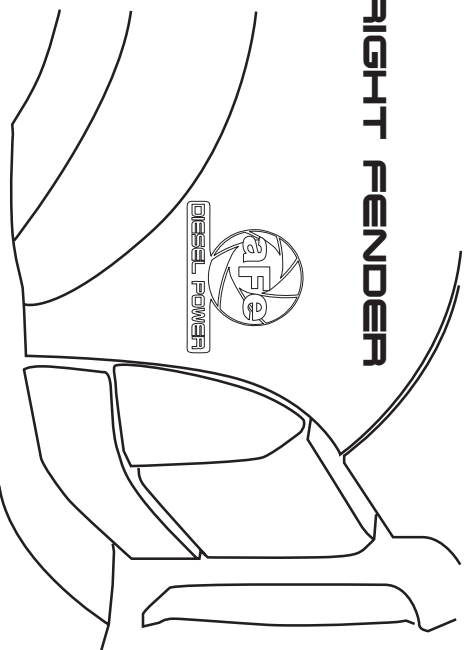


Step 15
Complete Stage 2 kit installed. Make sure all clamps are tight and all components are secure. Check and retighten connections and filter after a few hours of operation.

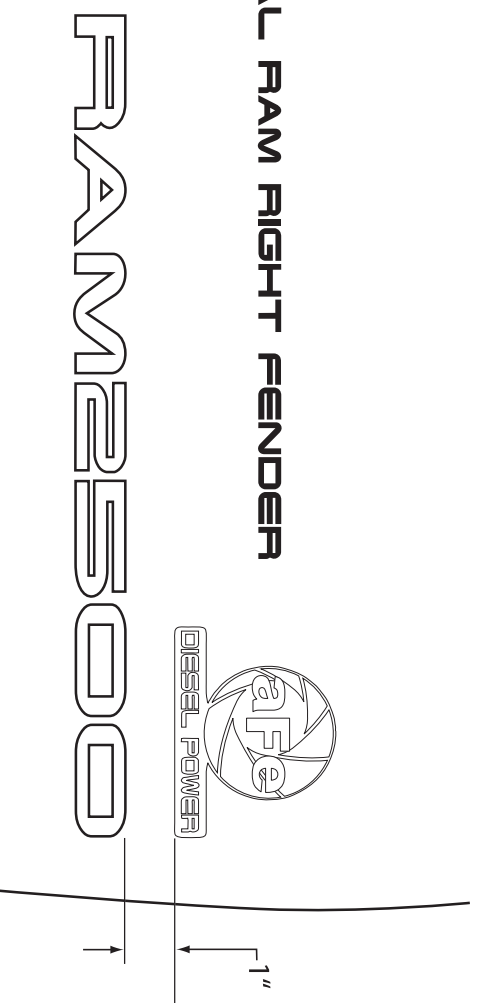
DIESEL POWER BADGE

Your system includes one "Diesel Power" logo designed to compliment your truck.
Use the diagrams below for positioning of the logo for a clean factory look.

TYPICAL FORD RIGHT FENDER



TYPICAL RAM RIGHT FENDER



TYPICAL GM TRUCK LEFT FENDER

