

# Intake Kit Installation Instructions: '01-'04 GM Duramax TD LB7 Stage 1 & Stage 2



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<b>Kit Part #</b> 51/54-10121 Stage 1 51/54/75-10782 Stage 2 & 75-10782-0V 54-10129 Torque Booster Tube <b>Make:</b> GMC <b>Model</b> <b>Year</b> <b>Engine</b> Sierra 2500HD '01-'04 V8-6.6L (td) LB7 Sierra 3500HD '01-'04 V8-6.6L (td) LB7 <b>Make:</b> Chevrolet <b>Model</b> <b>Year</b> <b>Engine</b> Silverado 2500HD '01-'04 V8-6.6L (td) LB7 Silverado 3500HD '01-'04 V8-6.6L (td) LLY/LBZ	<b>Tools Required</b> 10mm socket or wrench 7/16 wrench Torx bit (supplied in kit) 5/16 nutdriver or slotted screwdriver Slotted screwdriver Diagonal Pliers	<b>Part List: Stage 1</b> 1 Air filter Replacement (24-90008, Pro-GUARD 7™ 72-90008 or Pro Dry S™ 21-90008) 1 Housing 3 Nut, self locking, 1/4-20" 1 Torx bit 1 Trim seal 27" Long 3 Washer, flat 1 Gasket, MAF sensor 1 Adapter, Air filter 3 Screw, Hex, 1/4-20" 2 Spacers, nylon 2 8-32 x 5/8" Slotted screw	<b>Part List: Stage 2 (additional to Stage 1 kit)</b> 1 Intake tube 1 Coupling, turbo reducer 1 Coupling, filter housing 3 Clamps, #072 1 Clamp, #060 1 Clamp, mini #040 1 aFe resonator, plug	<b>Included in P/N 75-10782-0V Value Pack Only:</b> 1 Spare Filter P/N 21-90038 1 Pre-filter P/N 28-10051 1 Cleaning Kit 90-50500 
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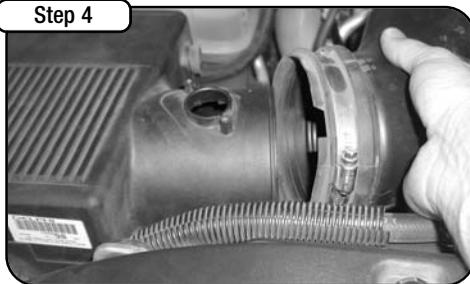
**Step 1**  
Complete Stage 2 shown. (Stage 1 kit does not include tube, clamps and couplers)



**Step 2**  
Complete stock intake.



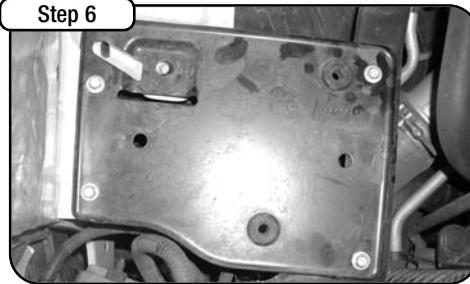
**Step 3**  
Remove two screws that hold mass air flow sensor to stock air box using supplied torx bit and remove sensor from air box.



**Step 4**  
Loosen and separate stock intake tube from stock air box.



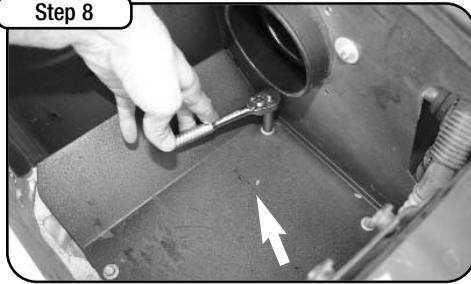
**Step 5**  
Remove the complete stock air box from the rubber mounts. Pull up and slide sideways toward radiator.



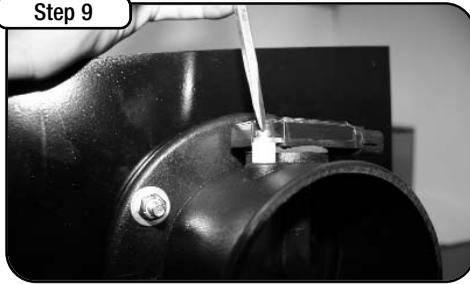
**Step 6**  
Remove (5) 10mm bolts as shown to remove air box pan.



**Step 7**  
Insert Air filter adaptor in to housing using screws, nuts, and washers provided using 7/16" socket or wrench.



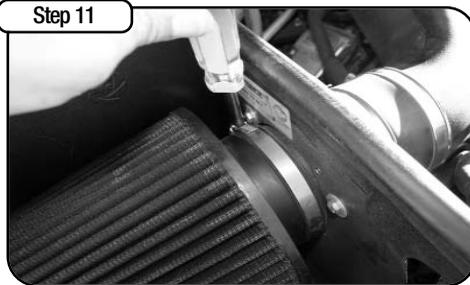
**Step 8**  
Install Housing and re-use 4 bolts from step 6.



**Step 9**  
Insert MAS air flow sensor back into housing using nylon spacer, gasket and screws provided. Reconnect stock intake tube to housing. Fasten securely using 5/16" nut driver. (Make sure gasket and spacers are between tube and sensor)



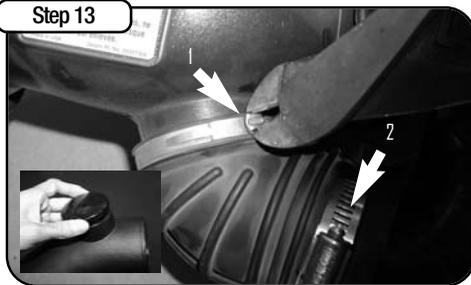
**Step 10**  
Install trim seal. Start with front end near radiator shroud.



**Step 11**  
Install filter and tighten clamp. Do not use oil or grease.



**Step 12**  
Complete Stage 1 kit installed for stage 2 instructions, continue on to steps 13, 14 and 15.



**Step 13**  
1) To install factory resonator, the stock clamp holding the resonator must be cut using a pair diagonal pliers. Using provided clamp, reinstall resonator onto tube.  
2) Reposition clamp at other end to prevent hood insulation damage. Cut rubber locator on coupler. (If resonator not used cap off with aFe plug provided)



**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 2 tube. Install Stage 2 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.

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). Filter Replacement: PN: 24-90008 or Pro-GUARD 7™ 72-90008. (aFe P/N: 90-50000 yellow oil aerosol, or aFe P/N: 90-50500 yellow squeeze bottle oil) Pro Dry S™ P/N: 21-90008 (black w/ white media) Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074