



# Intake Kit Installation Instructions: GM Duramax LB7 2001-2004 V8-6.6L (td) Stage-2 Air Intake

<b>Kit P/N:</b> 51-80782-E	<b>Make:</b> Chevrolet	<b>Model:</b> Silverado 2500 HD Silverado 3500	<b>Year:</b> '01-'04 '01-'04	<b>Engine:</b> V8-6.6L(td) LB7 V8-6.6L(td) LB7
<b>Make:</b> GMC	<b>Model:</b> Sierra 2500 HD Sierra 3500	<b>Year:</b> '01-'04 '01-'04	<b>Engine:</b> V8-6.6L(td) LB7 V8-6.6L(td) LB7	

<b>Tools Required:</b>
5/16" nut driver
Flat head screwdriver
10mm socket or wrench
7/16" socket or wrench
Ratchet w/extension
T20 Torx bit
5/32" allen key
Pliers/cutters

<b>Parts List:</b>	1 Clamp, mini #040	1 aFe Diesel Hat
1 Air filter (Pro Dry S™ 21-90038)	2 Screw, 1/4-20" x 1.25	1 12oz. Cleaner Spray for Pro Dry S™
1 Housing, rotomold	4 Washer, fender 1/4"	
1 Cover	2 Nut, nylon insert 1/4-20"	
1 Tube, 05-00988	1 Torx bit, T20	
1 Tube, 05-00989	2 Screw, #8-32	
1 Coupler, Reducer (05-01411)	1 Gasket, MAF sensor	
1 Coupler, Hump (05-01413)	2 Spacer, Nylon	
1 Clamp, #060	4 Screws, button head M6	
3 Clamp, #072	1 Plug, Urethane aFe	



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Support: 951-493-7100  
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**Step 1**  
**Complete Stock Intake.**  
Disconnect battery before install.



**Step 2**  
With T20 torx bit provided, loosen the two screws holding in MAF sensor.



**Step 3**  
Disconnect MAF sensor harness and remove carefully. Note: MAF sensor can be damaged easily!



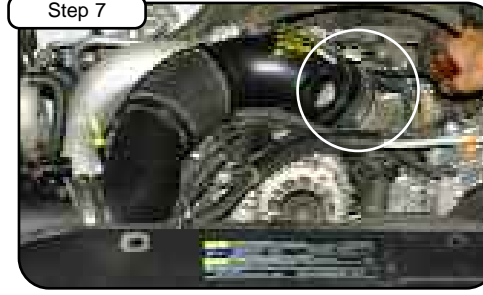
**Step 4**  
Loosen clamp on air box with 5/16" nut driver.



**Step 5**  
Lift and pull air box out of vehicle.



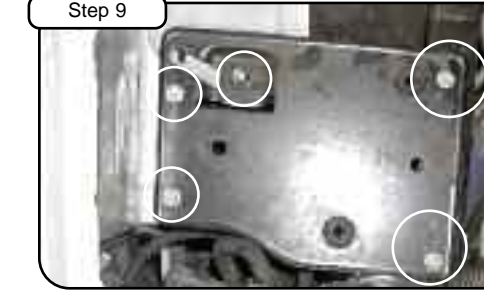
**Step 6**  
Cut clamp on resonator box connected to factory intake tube and pull back. Replace with mini # 040 clamp provided (see step 18). Do not tighten.



**Step 7**  
Loosen clamp on turbo with 5/16" nut driver.



**Step 8**  
Remove factory intake tube.



**Step 9**  
Loosen the 5 bolts on stock air box tray using a 10mm socket or wrench. Save 4 bolts for later use (see step 13). Remove the air box tray out of vehicle.



**Step 10**  
Install MAF sensor into new tube. Use provided screws, nylon spacers and gasket and tighten using flat head screwdriver.



**Step 11**  
Attach tube to outside of housing using screws, nuts and fender washers provided and tighten using 7/16" socket or wrench.



**Step 12**  
Install housing with tube into vehicle and position.



**Step 13**  
Use the 4 bolts from step 9 and tighten housing using 10mm socket or wrench.



**Step 14**  
Attach reducer coupler (05-00632) to tube with clamps and hump coupler (05-00800) with clamps. Pull back hump coupler for easier installation. Do not tighten.



**Step 15**  
Install tube to turbo inlet flange and position. Make sure reducer coupler is on turbo flange. Do not tighten.

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# Intake Kit Installation Instructions: 2001-2004 GM Duramax LB7 V8-6.6L (td) Stage 2 Si

### Accessories Available:



**Restore Kits**  
90-59999 Pro DRY S™  
Cleaner

### Replacement Air Filter:



**Dfc'8FMG™ 21-90038**  
; fUmAYXJU

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, or aFe P/N: 90-50500 gold squeeze oil, aFe P/N: 90-59999 Pro Dry S™ cleaner only.) Filter Replacement P/N: 72-90038 Pro-GUARD 7™ (black w/gold 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

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Step 16



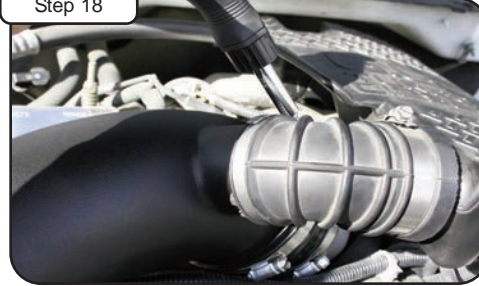
Slide hump coupler and attach both tubes and tighten using 5/16" nut driver. Tighten clamps with 5/16" nut driver.

Step 17



Tighten reducer coupler clamps with 5/16" nut driver.

Step 18



Attach resonator box to new box flange and tighten using flat head screw driver.

Step 19



*If vehicle does not come equipped with resonator box, use aFe urethane plug on tube.*

Step 20



Re-connect MAF sensor harness.

Step 21



Install air filter to tube. Make sure filter seats on tube bead.

Step 22



Tighten air filter using 5/16" nut driver.

Step 23



Attach cover to housing.

Step 24



Tighten cover using button head screws provided using 5/32" allen key.

Step 25



Your installation is now complete. Make sure you tighten all clamps and check all electrical connections periodically. Thank you for choosing aFe! **NOTE: Place enclosed CARB EO sticker on or near the device on a smooth/clean surface. EO identification label is required to pass the smog test inspection.**