



advanced FLOW engineering™
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Support: 951-493-7100
aFePower.com

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

Kit P/N: 51-80782-E			Tools Required:		Parts List:	
Make: Chevrolet			5/16" nut driver		1 Clamp, mini #040	1 aFe Diesel Hat
Model: Silverado 2500 HD			Flat head screwdriver		1 Air filter (Pro Dry S™ 21-90038)	2 Screw, 1/4-20" x 1.25
Year: '01-'04			10mm socket or wrench		1 Housing, rotomold	4 Washer, fender 1/4"
Engine: V8-6.6L(td) LB7			7/16" socket or wrench		1 Cover	2 Nut, nylon insert 1/4-20"
Model: Silverado 3500			Ratchet w/extension		1 Tube, 05-00988	1 Torx bit, T20
Year: '01-'04			T20 Torx bit		1 Tube, 05-00989	2 Screw, #8-32
Engine: V8-6.6L(td) LB7			5/32" allen key		1 Coupler, Reducer (05-00632)	1 Gasket, MAF sensor
Make: GMC			Pliers/cutters		1 Coupler, Hump (05-00800)	2 Spacer, Nylon
Model: Sierra 2500 HD					1 Clamp, #060	4 Screws, button head M6
Year: '01-'04					3 Clamp, #072	1 Plug, Urethane aFe
Engine: V8-6.6L(td) LB7						



Complete Kit w/ Parts



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!



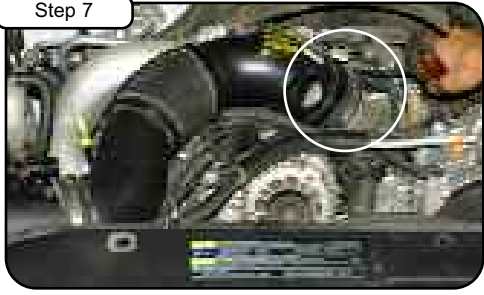
Loosen clamp on air box with 5/16" nut driver.



Lift and pull air box out of vehicle.



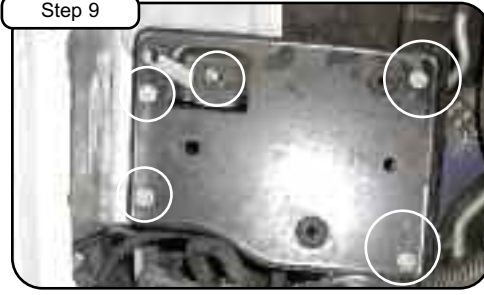
Cut clamp on resonator box connected to factory intake tube and pull back. Replace with mini # 040 clamp provided (see step 18). Do not tighten.



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 13).
Remove the air box tray out of vehicle.



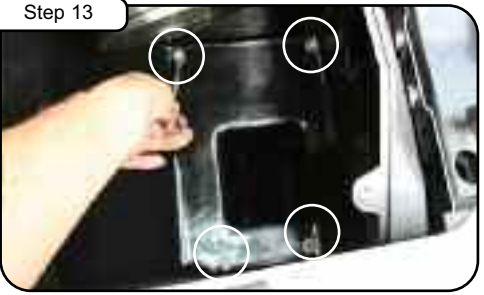
Install MAF sensor into new tube. Use provided screws, nylon spacers and gasket and tighten using flat head screwdriver.



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.



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.



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
90-50000 Gold Aerosol
90-59999 Pro Dry S™ Cleaner

Replacement Air Filter:



Pro-GUARD 7™ 72-90038
Gold Media



Pro Dry S™ 21-90038
White Media



P5R™ 24-90038
White Media

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

Step 16



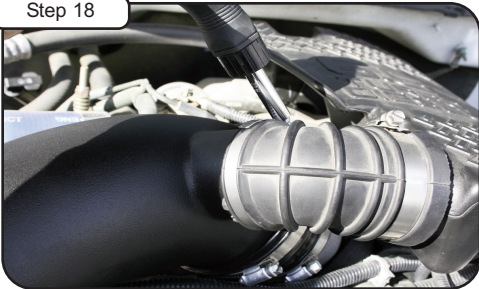
Slide hump coupler and attach both tubes and tighten using 5/16" nut driver. Tighten clamps with 5/16" nut driver.

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!