



advanced FLOW engineering™
P.O. Box 1719
Corona, CA 92879
Support: 951-493-7100
www.aFePower.com

Intake kit Installation Instructions: 2007.5-2009 Dodge Ram Cummins L6-6.7L (td) Stage 2 Si

Kit P/N: 51-81342-E			Tools Required: 9/16" socket or wrench 10mm socket or wrench 5/16" nut driver Flat head screwdriver Ratchet w/ extension 5/32" allen key T-20 torx bit (included) Pliers		Parts list: 1 Air filter (P/N ProDry S™ 21-90038) 1 Housing, rotomold 1 Cover, rotomold 1 Tube, rotomold 1 Coupler, straight hi-temp 4" x 2-1/2" 1 Coupler, hump 6" x 3" 2 Clamp, #064 2 Clamp, #104 1 Screw, hex M6 x 1 x 20 2 Washer, fender 1 Nut, hex M6		4 Washer, Wavy M6 1 Gasket, temp sensor 1 Bracket, "D" 3 Screws, Cheese Hd M4x.7x16 2 Screw, hex 3/8-16 x 1-1/2" 2 Locknut, hex 3/8-16" 4 Washer, flat 3/8" x 7/8"OD 3 Screws, button head M6 1 MAF sensor gasket 1 Grommet 1 aFe Diesel Hat 1 12oz. Cleaner Spray for ProDry S™	
Make:	Dodge							
Model:	Year:	Engine:						
2500	'07.5-'09	L6-6.7L(td)						
Make:	Sterling Bullet							
Model:	Year:	Engine:						
3500	'07.5-'09	L6-6.7L(td)						



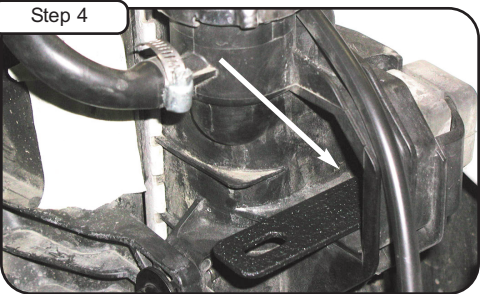
Complete Stock Intake.



With 5/16" nut driver loosen clamps on OE tube at turbo/air box and remove. Loosen clamp at turbo and disconnect crank case line with pliers. Remove tube.



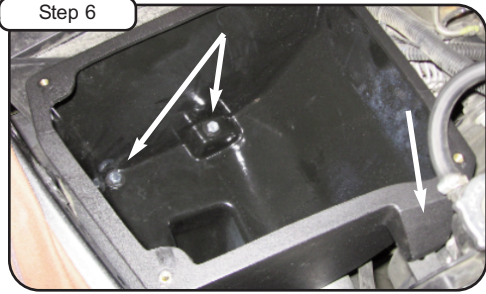
Disconnect air temp & MAF sensor. Loosen 10mm nut holding in front of air box using wrench or socket. Lift up and pull OE air box out of vehicle.



With 10mm socket, loosen bolt holding in radiator housing, install bracket "D" and re-tighten bolt.



With screws provided (see step 6), install housing into vehicle. Make sure housing tab mounts up to bracket "D" from step 4.



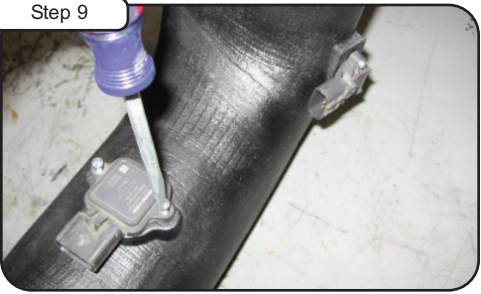
With 3/8" screws/nuts and washers provided install bottom of housing to factory position. Tighten using 9/16" wrench or socket. Use M6 screw/nut/washers & wavy washer and tighten housing to bracket "D" and tighten.



Install air filter to cover housing, tighten using 5/16" nut driver. Place cover to bottom of housing and set to position.



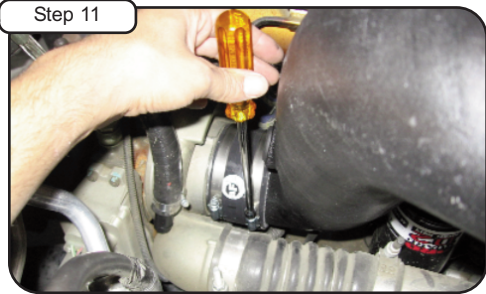
Tighten down cover housing using M6 button head screws and wavy washers.



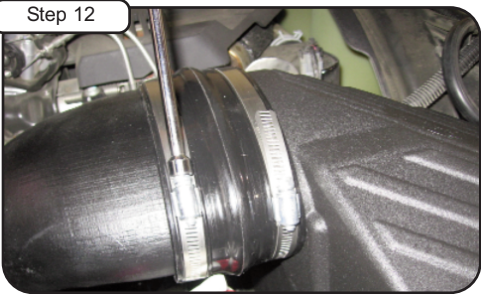
Install MAF sensor with gasket and screws provided. Install air temp sensor with screw and gasket provided. With grommet provided, install into tube.



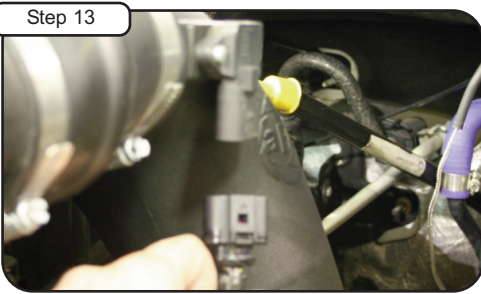
Install hi-temp & hump coupler with clamps provided to tube. Now install tube into vehicle. Do not tighten!



Tighten turbo clamps using 5/16" nut driver. Re-connect crank case line into tube with grommet.



Tighten clamps at upper-cover with 5/16" nut driver.



Reconnect temp & MAF sensor harness'.



Your installation is now complete. Please check all bolts and clamps periodically. Re-tighten if necessary. 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: 90-50000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil). Filter Replacement: Magnum FLOW P/N: 72-90038 Pro-GUARD 7™ (black w/gold media) or (75-81342 Only) Pro Dry S™ P/N 21-90038 (black w/white media) Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074