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

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

Kit P/N: 51-81342-E

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)

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™



Complete Kit w/ Parts

Step 1



Complete Stock Intake.

Step 2



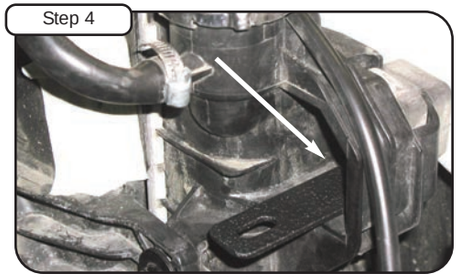
With 5/16" nut driver loosen clamps on OE tube at turbo/air box and remove. Loosen clamp at turbo and disconnect crank case line with pliers. Remove tube.

Step 3



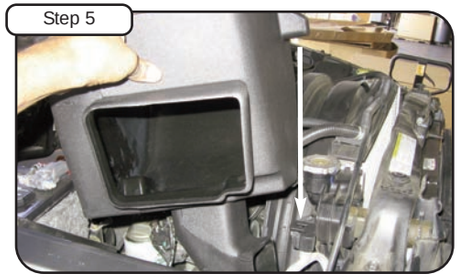
Disconnect air temp & MAF sensor. Loosen 10mm nut holding in front of air box using wrench or socket. Lift up and pull OE air box out of vehicle.

Step 4



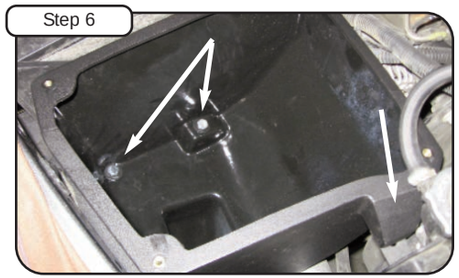
With 10mm socket, loosen bolt holding in radiator housing, install bracket "D" and re-tighten bolt.

Step 5



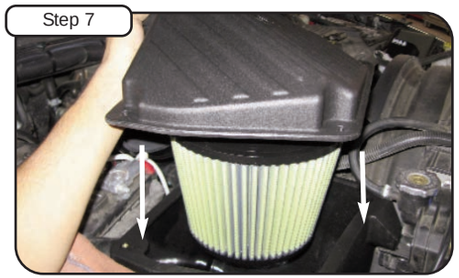
With screws provided (***see step 6)***, install housing into vehicle. *Make sure housing tab mounts up to bracket "D" from step 4.*

Step 6



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.

Step 7



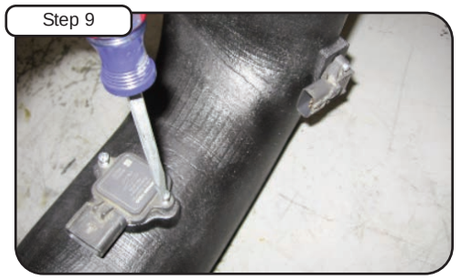
Install air filter to cover housing, tighten using 5/16" nut driver. Place cover to bottom of housing and set to position.

Step 8



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

Step 9



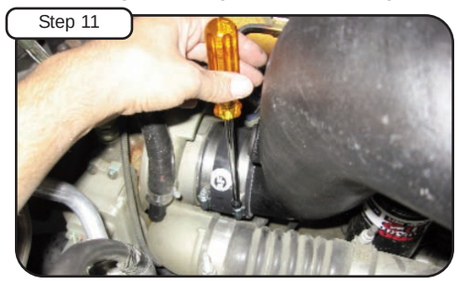
Install MAF sensor with gasket and screws provided. Install air temp sensor with screw and gasket provided. With grommet provided, install into tube.

Step 10



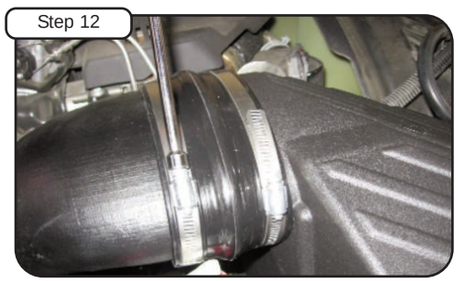
Install hi-temp & hump coupler with clamps provided to tube. Now install tube into vehicle. Do not tighten!

Step 11



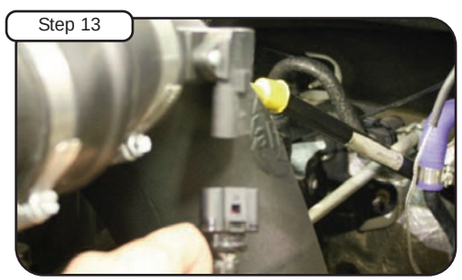
Tighten turbo clamps using 5/16" nut driver. Re-connect crank case line into tube with grommet.

Step 12



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

Step 13



Reconnect temp & MAF sensor harness'.

Step 14



Your installation is now complete. Please check all bolts and clamps perodically. 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*