



# Intake Kit Installation Instructions: 2007.5-2012 Dodge Ram 2500/3500 L6-6.7L (td) Stage 2

advanced FLOW engineering™  
 P.O. Box 1719  
 Corona, CA 92878  
 Support: 951-493-7100  
 aFePower.com

<b>Kit P/N:</b>	51/54/75-31342-1 75-31342-1V (Value pack)	
<b>Make:</b>	Dodge	
<b>Model:</b>	<b>Year:</b>	<b>Engine:</b>
2500/3500	2007.5-2012	L6-6.7L(td)
Sterling Bullet	2007.5-2010	L6-6.7L(td)
<i>Note: Please confirm Parts List and read all instructions steps before proceeding with actual installation.</i>		

<b>Tools Required:</b>
5/16" nut driver
Flat head screwdriver
Phillips screwdriver
10mm socket or wrench
13mm socket or wrench
3/8" socket or wrench
7/16" socket or wrench
T-20 torx bit (included)
Ratchet and extension

<b>Parts List:</b>	2 Washer, flat 1/4" (03-50043)	<b>75-31342-1V Value Pack Only</b>
1 Air filter : <b>Pro 5R™</b> 24-91044	3 Screw, #8-32x5/8 (03-50045)	<b>1 Pro Dry S™, filter (21-91044)</b>
<b>Pro-GUARD 7™</b> 72-91044	2 Nut, hex nylon 3/8" (03-50047)	<b>2 Restore kit, gold (90-50500)</b>
<b>Pro Dry S™</b> 21-91044	4 Washer, flat 3/8" (03-50048)	<b>1 Pre-filter (28-1005X)</b>
1 Housing, (05-00898)	2 Washer, lock 1/4" (03-50062)	
1 Tube, (05-00897)	1 T-20 Torx bit (03-50066)	
1 Gasket, temp sensor (03-00593)	<b>2010 Only Hardware</b>	
1 Gasket, MAF sensor (05-00118)	<b>1 Nut, lock 1/4"-20 (03-50073)</b>	
1 3/4" trim seal @47"L (05-00007)	<b>2 Washer, Flat M6 (03-50070)</b>	
2 Screw, comb 1/4-20x1 (03-50122)	<b>1 Bracket, housing (05-01113)</b>	
2 Screw, hex 3/8"x1-1/2" (03-50046)	<b>1 Screw, hex 1/4-20x3/4 (03-50100)</b>	



**Step 1**  
Complete stock intake.



**Step 2**  
Disconnect MAF sensor and temp sensor harness.



**Step 3**  
With 5/16" nut driver, loosen the clamp at air box and at bottom of intake tube. (Make sure NOT at turbo!) Remove upper half of OE intake tube and leave bottom OE coupler.



**Step 4**  
Loosen the 10mm nut at front of air box and remove. Carefully grab and pull out OE intake system from vehicle.



**Step 5**  
Loosen and remove the 13mm radiator bolt. Set aside for later use.



**Step 6**  
Remove the MAF sensor and the temp sensor with T-20 torx bit provided.



**Step 7**  
Insert MAF sensor and temp sensor into new tube with gaskets and #8-32 screws provided. Tighten using flathead screwdriver.



**Step 8**  
Install trim seal to housing, make sure cutout is at perm-nut on housing. Install tube to outside of housing. Tighten using hex screws, split and flat washers provided with 3/8" socket or wrench.



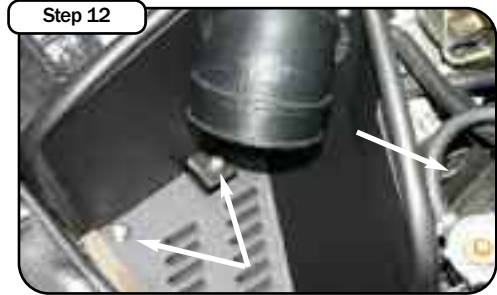
**Step 9**  
Install new housing with intake tube into vehicle. Position tube and housing to factory position.



**Step 10**  
2010 Only use provided bracket, and hardware provided. (see parts list above for hardware) Secure housing and tighten.



**Step 11**  
Make sure intake tube is inside of OE coupler. Do not tighten clamp at this time (see step 13).



**Step 12**  
With hardware provided, tighten down housing using 14mm socket or wrench. Re-install 13mm radiator bolt through housing from step 6.



**Step 13**  
Now tighten clamp at OE coupler and tube using 5/16" nut driver. Connect MAF sensor and temp sensor.



**Step 14**  
Install air filter and tighten using 5/16" nut driver. **NOTE: Place enclosed CARB EO sticker on or near the Intake on a smooth/clean system. EO Identification label is required to pass the smog test inspection.**



**Step 15**  
Your installation is now complete. Check all clamps and connections. Periodically check all clamps and hoses. 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: 90-50001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil or aFe P/N: 90-50000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil).  
 Filter Replacement: Magnum FLOW PN: 24-91044 (black w/blue media) or 72-91044 Pro-GUARD 7 (black w/gold media) or Pro Dry S/P/N 21-91044 (black w/ white media) Pro Dry S cleaning: see cleaning instruction sheet 06-00074