



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

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| Kit P/N: | 51-81342-E | |
| Make: | Dodge | |
| Model: | Year: | Engine: |
| RAM 2500 | '07.5-'09 | L6-6.7L (td) |
| RAM 3500 | '07.5-'09 | L6-6.7L (td) |
| RAM 4500 | '07.5-'09 | L6-6.7L (td) |
| RAM 5500 | '07.5-'09 | L6-6.7L (td) |
| Make: | Sterling Bullet | |
| Model: | Year: | Engine: |
| 3500 | '07.5-'09 | L6-6.7L (td) |
| 4500 | '07.5-'09 | L6-6.7L (td) |

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|--------------------------|
| 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 |

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| Parts list: | |
| 1 Air filter (P/N ProDry S™ 21-90038) | 4 Washer, Wavy M6 |
| 1 Housing, rotomold | 1 Gasket, temp sensor |
| 1 Cover, rotomold | 1 Bracket, "D" |
| 1 Tube, rotomold | 3 Screws, Cheese Hd M4x.7x16 |
| 1 Coupler, straight hi-temp 4" x 2-1/2" | 2 Screw, hex 3/8-16 x 1-1/2" |
| 1 Coupler, hump 6" x 3" | 2 Locknut, hex 3/8-16" |
| 2 Clamp, #064 | 4 Washer, flat 3/8" x 7/8"OD |
| 2 Clamp, #104 | 3 Screws, button head M6 |
| 1 Screw, hex M6 x 1 x 20 | 1 MAF sensor gasket |
| 2 Washer, fender | 1 Grommet |
| 1 Nut, hex M6 | 1 12oz. Cleaner Spray for ProDry S™ |



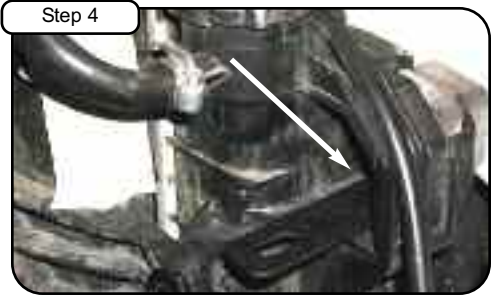
Step 1
Complete Stock Intake.



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. Thank you for choosing aFe! **NOTE: Place enclosed CARB EO sticker on or near the intake on a smooth/clean surface. EO identification label is required to pass the smog test inspection.**

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