Intake kit Installation Instructions: 2003-2011 Dodge Ram 2500-3500 Cummins (td) Stage-2 Air Intake

aFe POWER®

advanced FLOW engineering
252 Granite St.
Corona, CA 92878
Support: 951-493-7100
aFepower.com

Kit P/N: 51/54/75-11342-1
75-11342-1V

Make: Dodge

Model:	Year:	Engine:
Ram 2500	'03-'07	L6-5.9L(td)
Ram 3500	'03-'07	L6-5.9L(td)
Ram 2500	'07.5-'09	L6-6.7L(td)
Ram 3500	'07.5-'09	L6-6.7L(td)
Ram 2500	'10-'11	L6-6.7L(td)
Ram 3500	'10-'11	L6-6.7L(td)

Tools Required:
11mm socket or wrench
10mm socket or wrench
5/16" nut driver
1/4" nut driver
Flat head screwdriver
Ratchet w/ extention
T-20 torx bit (included)
Pliers/cutters

Parts list:
1 Air filter (P/N *Pro 5R* 24-91046 *Prodry-S* 21-91046 or *Pro-GUARD 7* 72-91046)(Step14)
1 Housing, wrinkle black(Step5)
1 Tube(Step7)
1 Coupler, straight hi-temp 4" x 2-1/2"(Step9)
1 3/4" trim seal @ 27.5"L(Step5)
1 3/4" trim seal @ 13.5"L(Step5)
2 Clamp, #064(Step5)
1 Torx bit, T-20(Step7)
1 Screw, hex M6 x 1 x 12(Step12)
1 Screw, hex M6 x 1 x 20(Step6)
3 Washer, flat(Step6&12)

1 Nut, hex M6(Step6)
1 Gasket, MAF sensor(Step7)
1 Gasket, temp sensor(Step7)
1 Bracket, "D" (Use only on 2003-2009)(Step4)
1 Bracket, 05-01114 (Use only on 2010)(Step4)
1 Plate, MAF sensor *(for use of 5.9L)*(Step7)
1 Grommet, rubber *(for use of 5.9L)*(Step7)
1 Plug, 05-01068 *(for use of 5.9L)*(Step7)
2 Screws, phillips #8-32 x 5/16"(Step7)
3 Screws, slotted #8-32 x 5/8"(Step8)
2 Screw, hex 3/8-16 x 1-1/2" (Step6)
2 Locknut, hex 3/8-16(Step6)
4 Washer, flat 3/8" x 7/8"OD(Step6)

1 Washers, lock M6(Step6)
1 Insert MAF, Coupling 05-01178
   (PRE-INSTALLED IN TUBE)

Bonus Part List: (75-11342-1V Only)
1 Air filter P/N (*Pro Dry S* 21-91046)
1 Restore Kit, Gold Squeeze
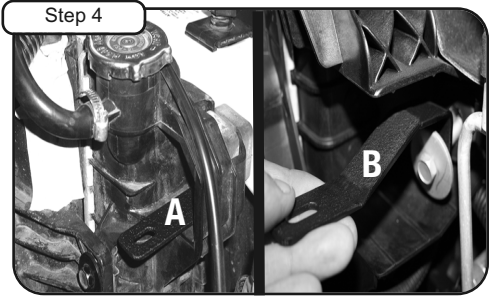1 Pre-filter

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Step 1 | 6.7L | 5.9L
Complete Stock Intake. Disconnect both negative battery cables.
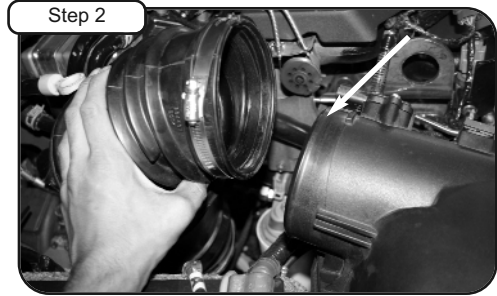
Step 2
With 5/16" nut driver loosen clamps on OE tube at turbo/air box and remove. **(6.7L remove crank case line with pliers and save OE plastic fitting for later install)**
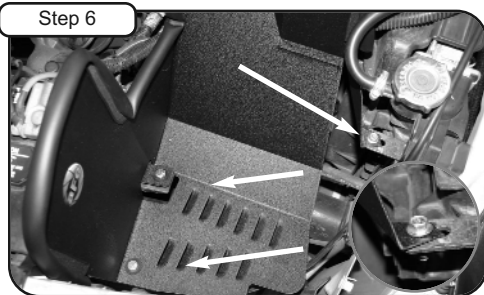
Step 3
Disconnect air temp sensor. *(6.7L, disconnect MAF sensor)*. Lift up and pull OE air box out of vehicle.

Step 4
With 10mm socket, loosen bolt holding in radiator housing, install bracket "D" and re-tighten bolt. Figure A shows 03-09 bracket. Figure B is the 2010 brackets location.

Step 5
Install 3/4" Trim seal to housing. Now install housing into vehicle.

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 and washer and tighten housing to bracket "D" and tighten.

Step 7 | 2003-2009
For trucks before 2010, remove MAF insert coupling from inside tube. (Keep for 2010-2011 trucks to prevent check engine light.)

Step 8 | 5.9L
With T-20 torx bit remove temp sensor and *(with gasket and screws provided)* install into new tube. **(5.9L place MAF cover with gasket and tighten using short screws provided. Install plug into the hole in tube for crank case line.)**

Step 9 | 6.7L
(6.7L remove and install temp sensor, see step 7) **6.7L**, remove MAF sensor and install to new tube with screws and gasket (Make sure gasket is between sensor and tube) Install grommet only to tube. The 6.7L will not use small phillips screws.
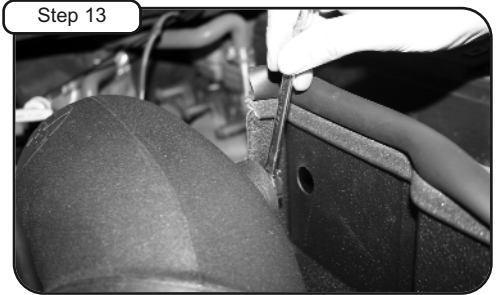
Step 10
Install hi-temp coupler with clamps provided to tube. Now install tube into vehicle.
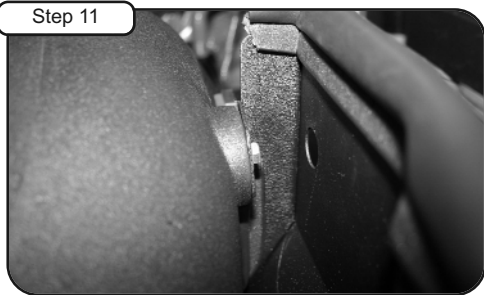
Step 11
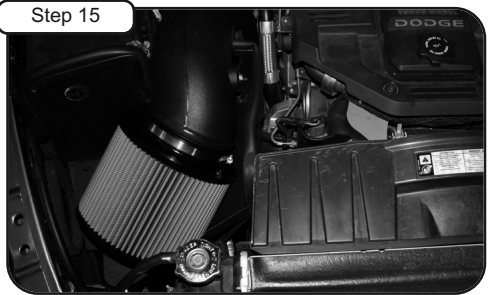Place tube on top of housing. Install M6 screw and washer through housing to tube. Do not tighten!
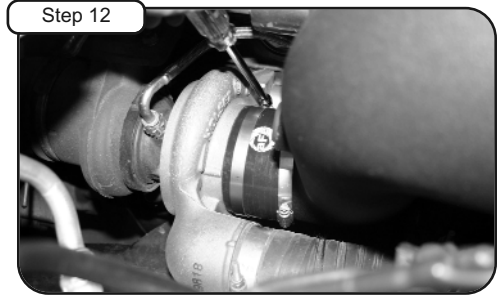
Step 12
Tighten clamps using 5/16" nut driver. **(6.7L, install OE crank case line from step 2 in to new tube using rubber grommet)**

Step 13
Now tighten screw using 10mm socket or wrench.
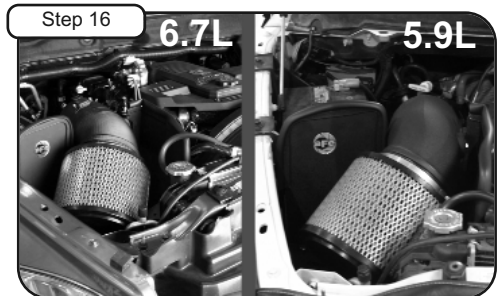
Step 14
Reconnect *all* sensor harnesses.

Step 15
Install air filter and tighten using 5/16" nut driver.

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Bonus Part List: *(75-11342-1V Only)*
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1 Restore Kit, Gold Squeeze
1 Pre-filter

Step 16

6.7L   5.9L

Place the included CARB EO Sticker on or near the intake system on a smooth, clean surface. E.O. identification label is required in passing the Smog Check Inspection. Reconnect negative battery cables. Your installation is now complete. Please check all bolts and clamps perodically. Re-tighten if necessary. Thank you for choosing aFe!