



## advanced FLOW engineering

Cold Air Intake System

**Instruction Manual P/N: 51-31662 / 54-31662 / 52-31662**

Make: BMW Model: M3 (E9x) Year: 2008-2013 Engine: V8-4.0L



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7185.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro DRY S)	21-90061
A2	1	Air Filter (Pro 5R)	24-90061
B	1	Tube	05-31662B1
C	2	Clamp, #104	03-50051
D	1	Coupling, Silicone Hump	05-01262
E	1	Fitting, Smog Pump	05-01096
F	1	Grommet, Rubber	03-50139

Installation will require the following tools:  
5/16" Socket or Nut Driver, T25 Torx Bit, & Flat-Head Screw Driver

Warranty Information available at: <https://afepower.com/contact#warranty>





Refer to Figure A for steps 1-3

Step 1. Loosen the airbox cover retaining screws using a T25 Torx bit and remove the airbox cover.

Step 2. Loosen the clamp securing the intake tube to the intake plenum.

Step 3. Disconnect the flexible breather tube from the intake tube.



FigureB

Refer to Figure B for step 4

Step 4. Remove the intake tube and air filter from the airbox.

**FigureC**

Refer to Figure C for steps 5-7

Step 5. Install aFe air filter, air filter clamp, rubber grommet and aluminum smog pump adapter on the aFe intake tube. Tighten the air filter clamp.

Step 6. Install the hump coupling and supplied clamps on the aFe intake tube, do not tighten the clamps at this time.

Step 7. Install aFe intake tube assembly into vehicle. (It is easiest to first seat the hump coupling on the intake plenum before guiding the "filter end" of the tube into the airbox. When installed completely, the air filter will be located below the OE air filter plunger. The groove in the tube will seat on the airbox and lid.) Tighten the hump coupling clamps.





Refer to Figure D for steps 8-9

Step 8. Connect the flexible breather tube to the aluminum smog pump adapter. Install the airbox cover and tighten the retaining screws. Installation is now complete.

NOTE: Place enclosed CARB EO Sticker on or near the device on a smooth, clean surface.  
EO identification label is required to pass the smog test inspection.



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