

## advanced FLOW engineering

Magnum FORCE Stage-2 Intake System

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

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 951-493-7100.
- 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	Pro Dry S Air Filter	R21-91086 Grey Media
A2	1	Pro 5R Air Filter	R24-91086 Blue Media
B	1	Air Intake Tube	05-31662C1
C	2	Clamp 104	03-50051
D	1	Hump Coupling	05-01262
E	1	Smog Pump Adaptor	03-01096
F	1	Rubber Grommet	05-50139

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>





Figure A

**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.

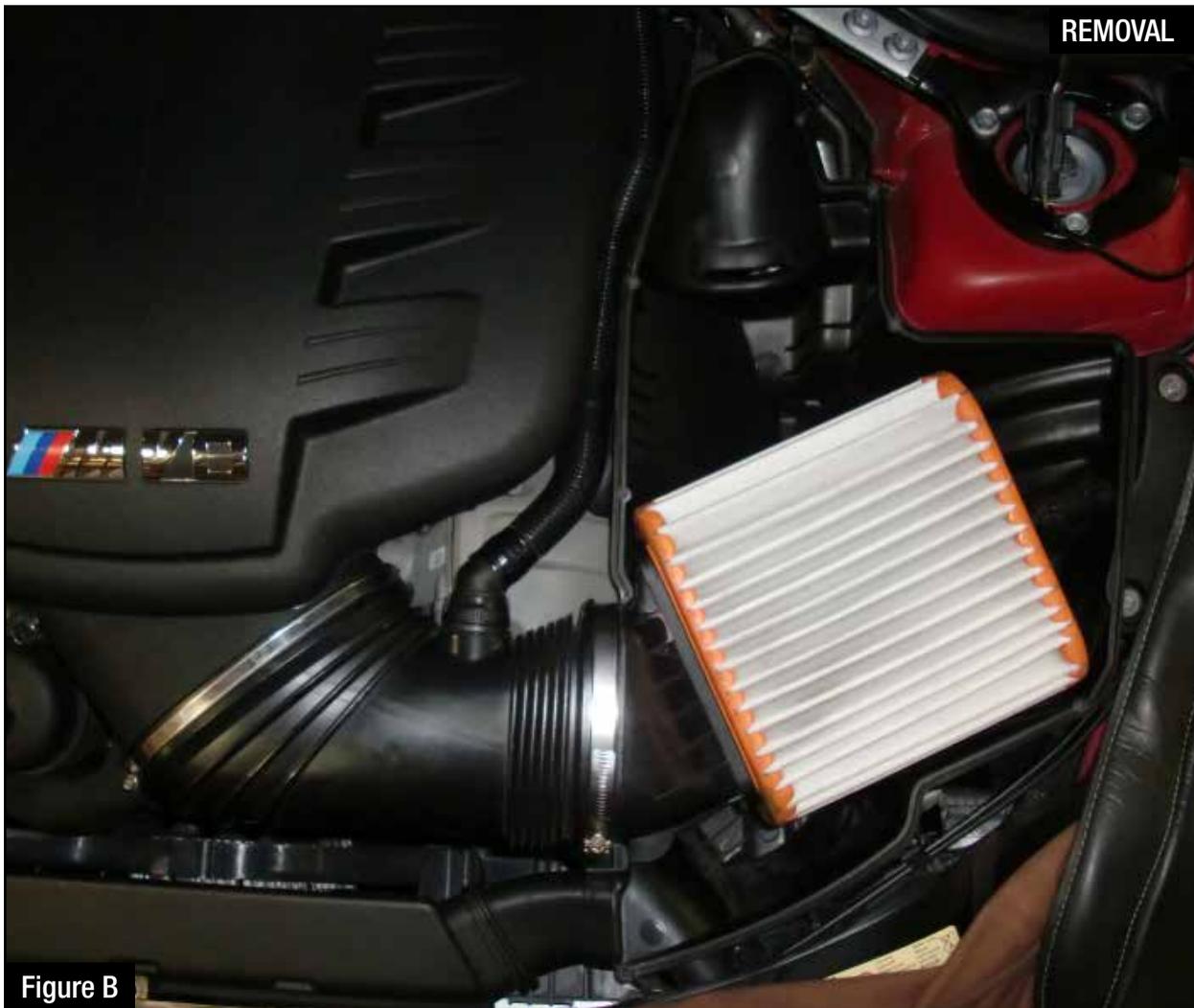


Figure B

**Refer to Figure B for step 4**

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


**Figure C**

**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 intake plenum, do not tighten the clamps at this time.
- Step 7. Install aFe intake tube assembly into vehicle. *(It is easiest to first slide the intake tube into 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.)*

**Figure D****Refer to Figure D for steps 8-9**

Step 8. Orient clamps as shown. (Make sure clamp screw is located on the side of the tube). Then tighten clamps.

Step 9. Connect the flexible breather tube to the aluminum smog pump adapter. Re-install the airbox cover and tighten the retaining screws. Installation is now complete.

**NOTE: Place enclosed CARB EO sticker on a clean/smooth surface on or near the intake system. EO identification label is required in passing the smog check inspection.**



**advanced FLOW engineering, inc.**

252 Granite Street Corona, CA 92879

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