

advanced FLOW engineering

Instruction Manual P/N: 54-13033D / 54-13033R

Make: **BMW** Model: **M2 (F87)**

Make: **BMW** Model: **335i/ix (F30/F34)**

Make: **BMW** Model: **435i/ix (F32/F33/F36)**

Make: **BMW** Model: **M135i/ix/M235i (F20/F21/F22)**

Year: **2016-2018** Engine: **L6-3.0L (t) N55**

Year: **2012-2015** Engine: **L6-3.0L (t) N55**

Year: **2014-2016** Engine: **L6-3.0L (t) N55**

Year: **2012-2016** Engine: **L6-3.0L (t) N55**



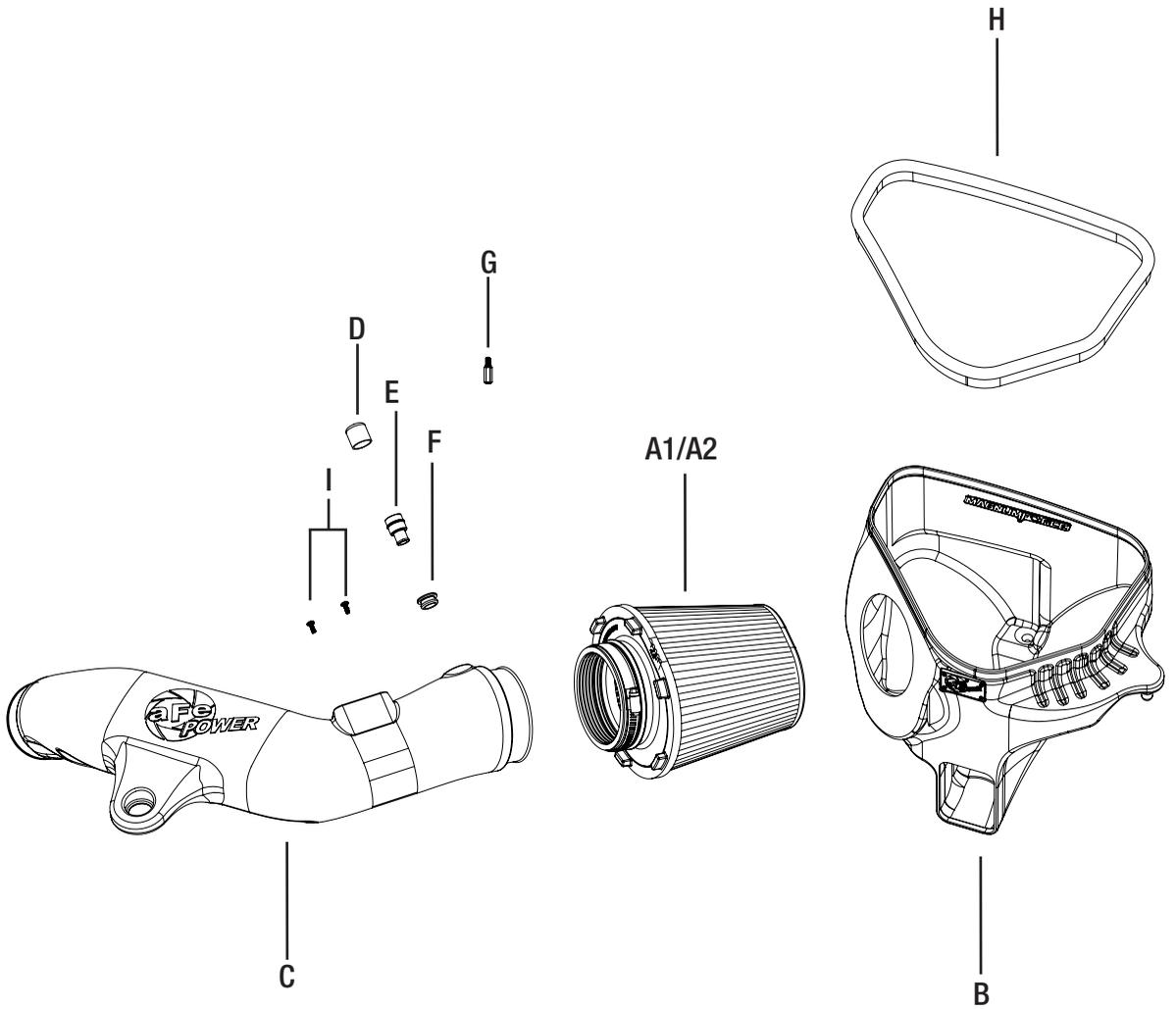
- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

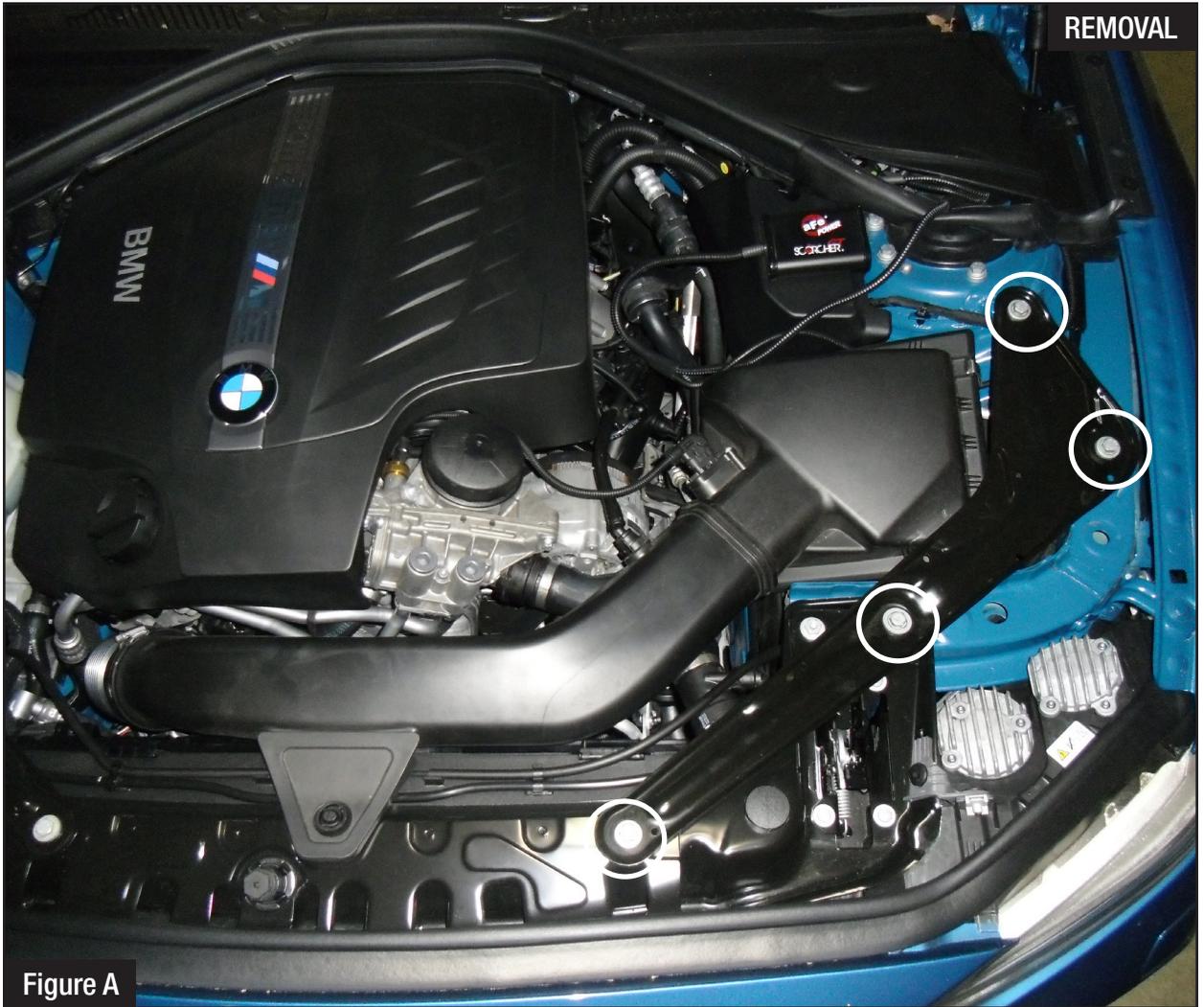
Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro DRY S For 54-13033D)	21-90113
A2	1	Air Filter (Pro 5R For 54-13033R)	24-90113
B	1	Housing, Rotomold	05-5413033B1
C	1	Tube, Rotomold	05-82202B1
D	1	Cap, Vinyl: 3/4" ID	03-50035
E	1	Fitting, Vacuum line	05-01246
F	1	Grommet	03-50033
G	1	Torx Bit: T20	03-50066
H	1	Trim Seal, 38 inches	05-01507
I	2	Screw, Torx: M4	03-50490

Tools needed: 6mm, 8mm Nut driver, 1/4" Ratchet, 13mm Socket, Flathead Screw Driver, Pliers.

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

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations.





Refer to Figure A for Step 1

Step 1: If your vehicle is equipped with a brace, take it off by removing the four 13mm bolts.

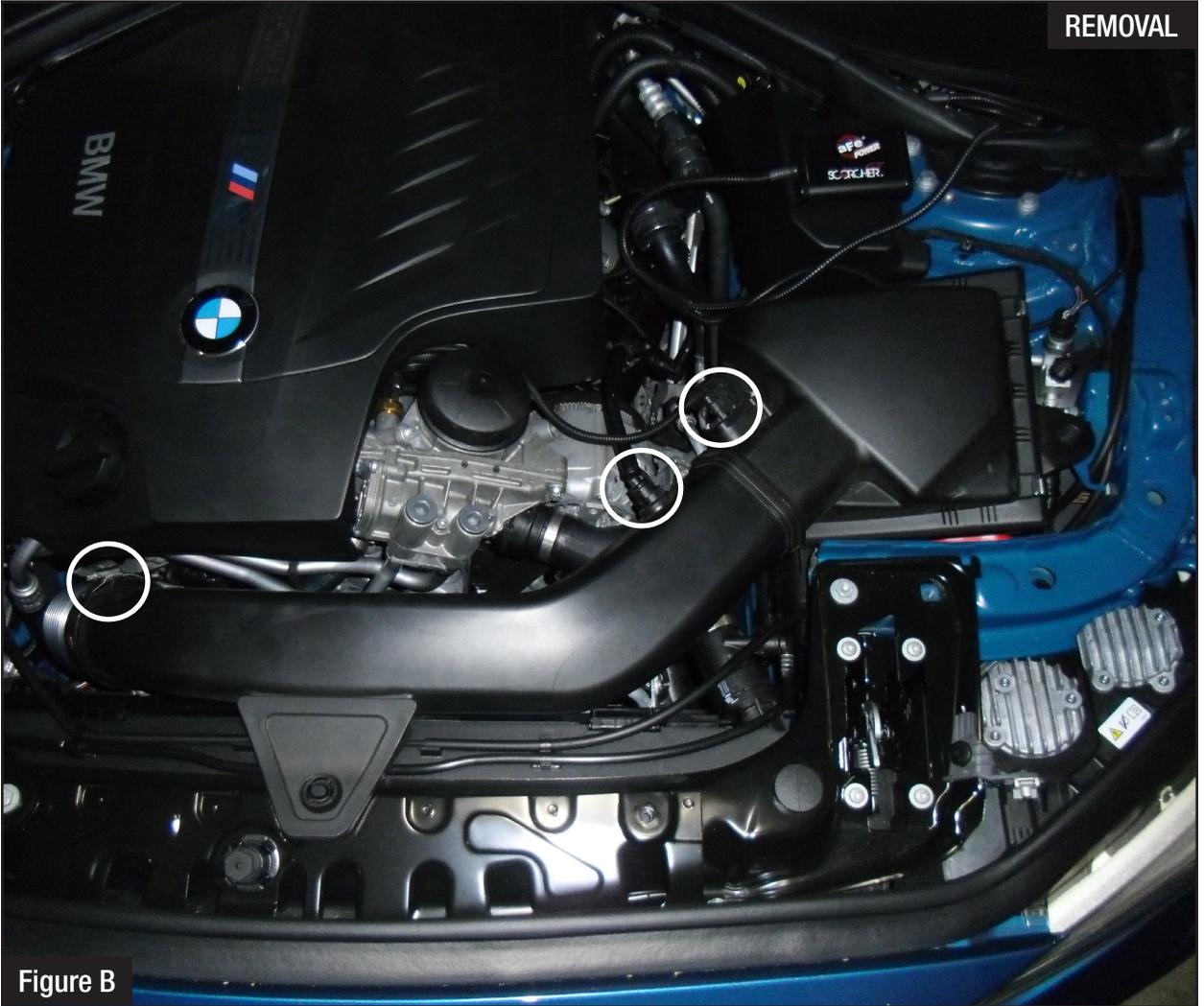


Figure B

Refer to Figure B for Steps 2-5

Step 2: Disconnect the Mass Air Flow (MAF) sensor.

Step 3: Unplug the vacuum line (if your vehicle is equipped with one)

Step 4: Loosen the clamp on factory intake tube.

Step 5: Remove the factory intake system out of the vehicle by pulling it off the mounting grommets.

**Figure C****Refer to Figure C for Steps 6-8**

Step 6: Remove the MAF sensor off the factory intake using the furnished T20 torx and install onto aFePower intake tube with the furnished screws.

Step 7: Remove factory grommet from factory intake tube and install on aFePower intake tube.

Step 8: Install the provided grommet and aluminum fitting into the hose on the aFePower tube. For vehicles with manual transmission, cap off the aluminum fitting with the provided vinyl cap.

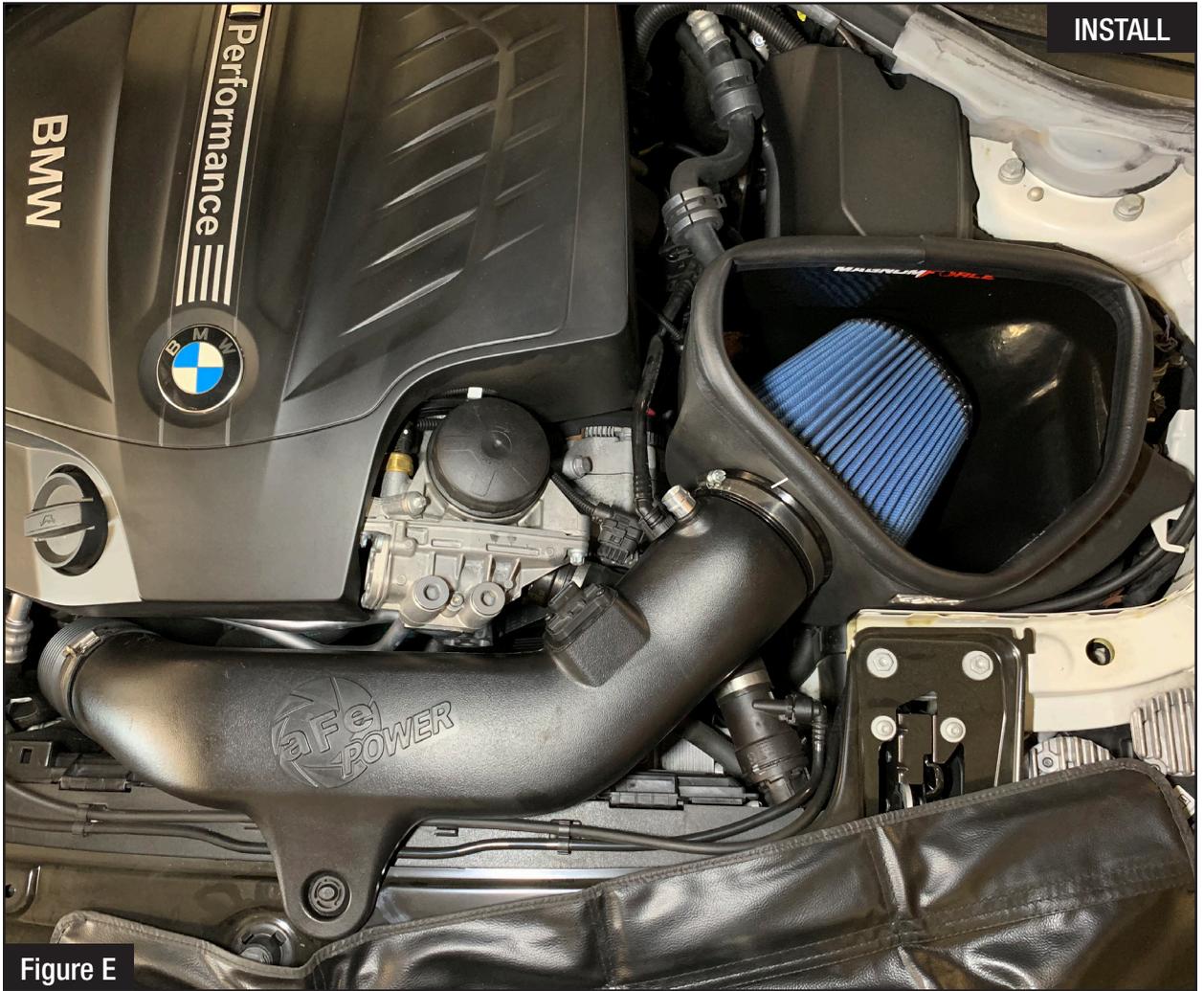


Figure D

Refer to Figure D for Step 9-10

Step 9: Remove the filter clamp from the aFe Power air filter. Slide the aFe Power air filter into the aFe power housing from the top opening. Then guide the filter flange through the round opening in the housing and snap in the filter. Place the filter clamp on the filter flange but do not tighten yet.

Step 10: Install the seal trim on the top edge of the aFe Power housing.



Refer to Figure E for Steps 11-12

Step 11: Install the aFePower housing in the vehicle by pushing it into the factory grommets. Make sure the housing lines up to the factory air inlet duct.

Step 12: Slide the aFePower intake tube into factory inlet tube and into the aFePower filter. Then push the grommet in the mounting location. Align tube correctly and tighten all clamps.



Figure F

Refer to Figure F for Steps 13-16

Step 13: Lift up the engine cover and re-route the MAF harness around the oil filter housing. Then re-connect it to the MAF sensor.

Step 14: Re-connect the vacuum line to aluminum fitting (automatic vehicle only)

Step 15: Re-install the factory brace with the four 13mm bolts (Only for vehicles equipped with one)

Step 16: Verify all clamps are secure and re-check periodically. Your Installation is now complete.

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