



advanced FLOW engineering

Instruction Manual P/N: 51-12212 & 54-12212

Make: **BMW** Model: **328i (F30)** Year: **2012-2016** Engine: **L4-2.0L (t) N20**



- 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.

Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro 5R)	24-90074
A2	1	Air Filter (Pro DRY S)	21-90074
B	1	Tube	05-12212B1
C	1	Housing	05-12212B2
D	2	Screw, M4 x .7 x 10	03-50221
E	1	Torx Bit, T20	03-50066
F	1	Trim Seal, 24"	05-00072

Installation will require the following tools:

8mm nut driver, 6mm nut driver, 7mm nut driver, flat head screwdriver

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 1-3

Step 1: Disconnect MAF ① sensor harness.

Step 2: Loosen the clamp between the OE airbox and tube and disconnect hood cable ② .

Step 3: Pull the complete OE housing ③ out of the vehicle.



Figure B

Refer to Figure B for steps 4-5

Step 4: Loosen the clamp (4) on the OE tube.

Step 5: Pull the OE tube out of the vehicle.

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

Step 6: Remove MAF sensor from the OE housing with the furnished T20 torx bit.

Step 7: Install MAF sensor (5) into your aFe intake tube using the furnished M4 screws.

Step 8: Take OE grommet (6) off OE airbox and install it on aFe intake tube.



Refer to Figure D for steps 9-10

Step 9: Install aFe intake tube into the vehicle using the OE clamp (7) removed in step 4.

Step 10: Re-connect wiring harness to the MAF sensor (8) .

**Figure E****Refer to Figure E for steps 11-13**

Step 11: Install aFe filter onto the aFe airbox housing along with trim seal. Make sure housing is sealed in filter retention groove.

Step 12: Remove bottom of OE airbox from OE airbox assembly.

Step 13: Install aFe housing using stock clips (9) to bottom of the OE airbox.



Figure F

Refer to Figure E for steps 14-16

Step 14: Install aFe housing assembly into vehicle.

Step 15: Connect the air filter to the intake tube using the furnished clamp.

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

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