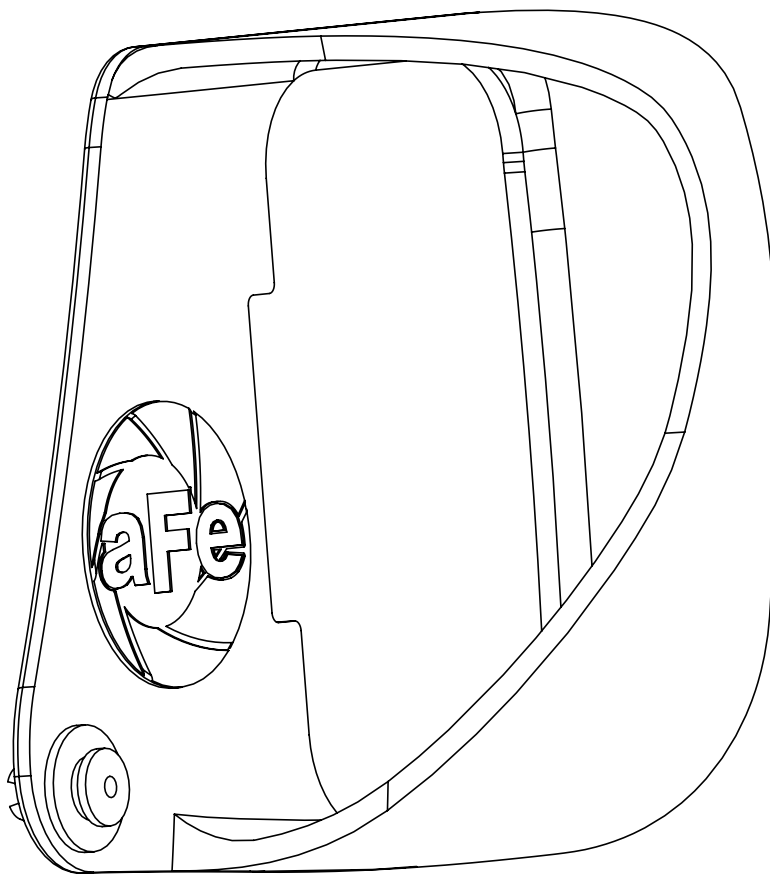
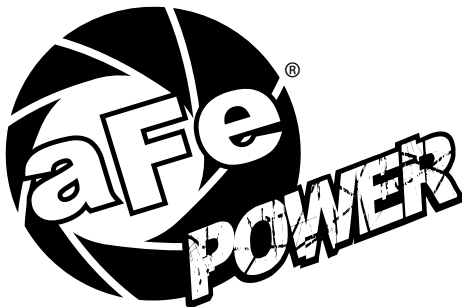




advanced FLOW engineering

Instruction Manual P/N: 54-12218 / 54-12218-C / 54-12218-L / 54-12218-R

Make: **BMW** Model: **328i/ix (F30/F31)**

Make: **BMW** Model: **320i/ix (F30/F31)**

Make: **BMW** Model: **330i/ix 340i/ix (F30/F31)**

Make: **BMW** Model: **420i/ix 428i/ix (F32/F33/F36)**

Make: **BMW** Model: **430i/ix 440i/ix (F32/F33/F36)**

Year: **2012-2016**

Year: **2012-2018**

Year: **2017-2019**

Year: **2014-2016**

Year: **2017-2019**

Engine: **L4-2.0L (Turbo) N20/N26**

Engine: **L4-2.0L (Turbo) N20/B48**

Engine: **L4-2.0L (Turbo) B48/L6-3.0L (Turbo) B58**

Engine: **L4-2.0L (Turbo) N20**

Engine: **L4-2.0L (Turbo) B46/L6-3.0L (Turbo) B58**

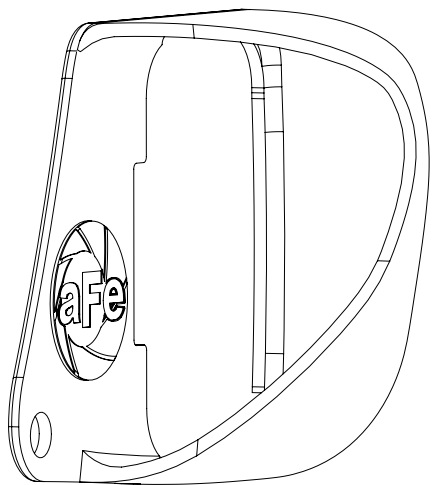


- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Scoop (Black)	05-12218B1 (Only for 54-12218)
A2	1	Scoop (Carbon Fiber)	05-12218C1 (Only for 54-12218-C)
A3	1	Scoop (Blue)	05-12218L1 (Only for 54-12218-L)
A4	1	Scoop (Red)	05-12218R1 (Only for 54-12218-R)
B	1	Retainer Clip	05-01197

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.

A1 / A2 / A3 / A4



B





Refer to Figure A for Step 1.

Step 1: Remove the seal trim on the front bumper rail ①.

**Figure B****Refer to Figure B for Steps 2-3.**

Step 2: Remove the (5) T25 and the (2) T20 screws securing the top part of the bumper (2).

Step 3: Gently pull forward the top edge of the front bumper. Slide your hand inside to access the press tabs holding the passenger side kidney grill.



Figure C

Refer to Figure C for Steps 4-5.

Step 4: Remove the factory passenger side kidney grill by pulling on tabs.

Step 5: Remove the factory grill off the air inlet (5) .

**Figure D****Refer to Figure D for Steps 6-8.**

Step 6: Install the aFe air scoop over the air inlet.

Step 7: Re-install the factory grill over the air inlet (7) .

Step 8: Install the retainer clip furnished (8) .



Refer to Figure E for Steps 9-10.

Step 9: Re-install the factory kidney grill.

Step 10: Your installation is now complete.