

advanced FLOW engineering

Instruction Manual P/N: 51-76309 / 54-76309

Make: **BMW** Model: **340i/ix/GT (F30/F31/F34)**

Year: **2016-2017** Engine: **L6-3.0L (t) B58**

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

Year: **2016-2017** Engine: **L6-3.0L (t) B58**

Make: **BMW** Model: **M140i/M240i (F20/F21/F22/F23)**

Year: **2016-2017** Engine: **L6-3.0L (t) B58**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call technical support at 951-493-7100 or e-mail tech@afepower.com.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect both the negative battery terminal before proceeding.

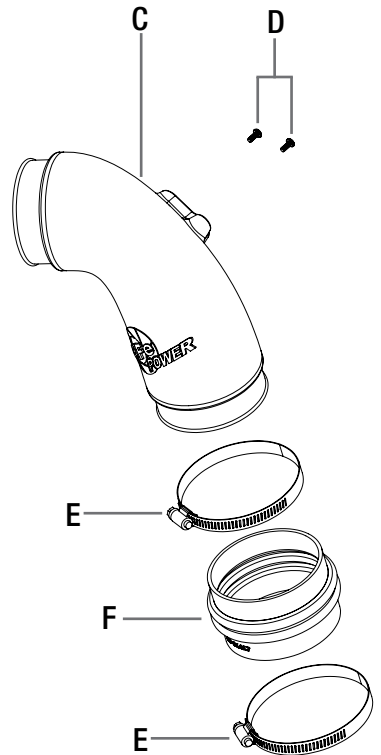
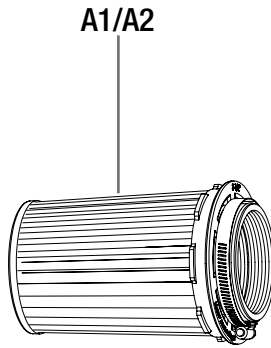
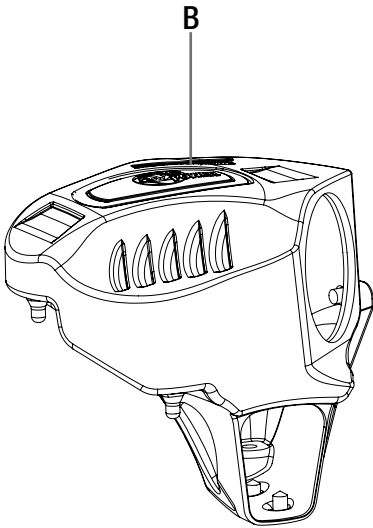
Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Air Filter (Pro 5R)	24-91103
A2	1	Air Filter (Pro DRY S)	21-91103
B	1	Housing	05-76309B2
C	1	Tube	05-76309B1
D	2	Screw, Torx: M4	03-50490
E	2	Clamp, #060	03-50002
F	1	Coupling, Silicone Dbl. Hump	05-01417
G	1	Mount, Rubber	03-50534

Installation will require the following tools:

Phillips screwdriver & 8mm nut driver, flat head screwdriver, 11mm socket, socket wrench, T20 torx driver.

Note: Not legal for use in California. The use of this device in any on-road or off-road vehicles registered with the California Dept of Motor Vehicles (DMV) is strictly prohibited.





REMOVAL

Refer to Figure A for Steps 1-3

- Step 1: Untighten the clamp securing the tube to the factory airbox and disconnect the Mass Air Flow (MAF) sensor.
- Step 2: Pull the factory airbox out of the vehicle.
- Step 3: Untighten the clamp securing the intake tube to the turbo inlet tube, then take the intake tube out of the vehicle.



Figure B

Refer to Figure B for Steps 4-5

Step 4: Install the aFe filter into the aFe housing by firmly pushing it until it snap in. Install the clamp on the filter, but do not tighten as this time.

Step 5: Install the provided grommet into the small hole at the bottom of the aFe housing.



Figure C

Refer to Figure C for Step 6

Step 6: Verify the two factory grommets stayed in their location when you removed the factory airbox. If necessary, re-install them.

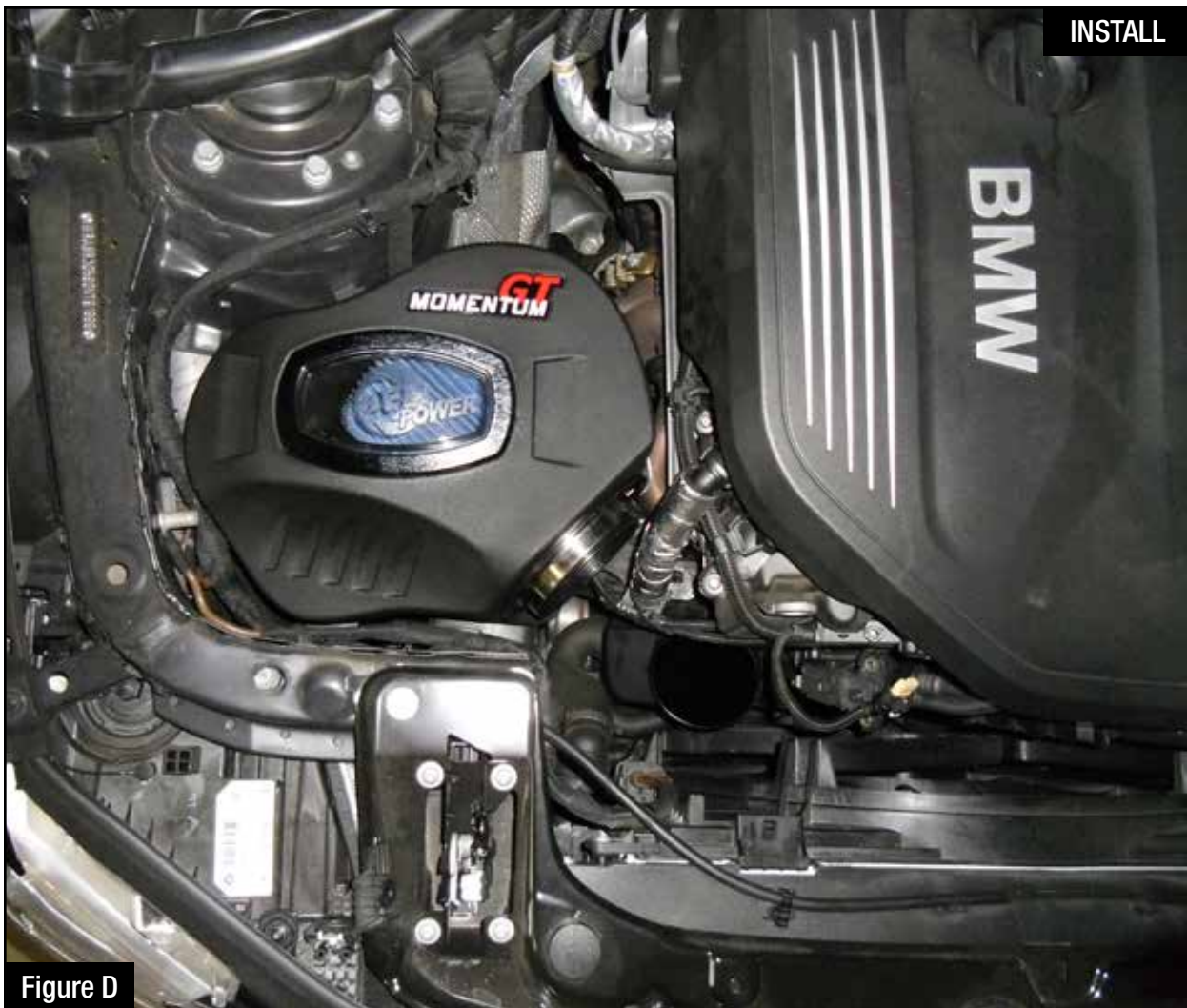


Figure D

Refer to Figure D for Step 7

Step 7: Install the aFe housing assembly by firmly pushing it into the grommets.



Figure E

Refer to Figure E for Step 8

Step 8: Transfer the MAF sensor from the factory airbox to the aFe intake tube. Secure it using the provided screws.



Refer to Figure F for Step 9

Step 9: Install the aFe coupling over the factory turbo inlet. Install the clamps but do not tighten at this time.



Figure G

Refer to Figure G for Steps 10-11

Step 10: Install the aFe tube into the vehicle by sliding it in the coupling first then into the filter.

Step 11: Align the tube, coupling and filter then tighten all clamps.



Figure F

Refer to Figure H for Steps 12-13

Step 12: Re-connect the MAF sensor harness.

Step 13: Your installation is now complete. Thank you for choosing aFe Power!

NOTE: Check all clamps, and connectors after 200 miles.



PAGE INTENTIONALLY LEFT BLANK

PAGE INTENTIONALLY LEFT BLANK



Pro DRY S Air Filter



P/N: 21-91103

Pro 5R Air Filter



P/N: 24-91103

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Dynamic Air Scoop



P/N: 54-12218 (Black)
54-12218-C (Carbon Fiber)
54-12218-L (Blue)
54-12218-R (Red)

Turbo Downpipe



P/N: 48-36317-HC (Street)
48-36317-HN (Race)

SCORCHER GT Module



P/N: 77-46318

Axle-Back Exhaust



P/N: 49-36335-P (Pol. Tips)
49-36335-B (Blk. Tips)

Cat-Back Exhaust



P/N: 49-36334-P (Pol. Tips)
49-36334-B (Blk. Tips)

aFe Motorsport T-Shirt



P/N: 40-30442-B (M)
40-30443-B (L)

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to aFepower.com.

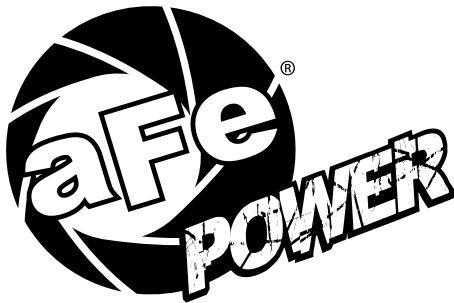
Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"), email RGA@afepower.com or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

Product Category	P/N Prefix	Warranty duration
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 24, 72	2 years
Air Intake Systems	50, 51, 54, 55, 75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



advanced FLOW engineering, inc.

252 Granite Street Corona, CA 92879

TEL: 951.493.7155 • TECH: 951.493.7100