



## advanced FLOW engineering

### Instruction Manual P/N: 51-12912-B / 51-12912-B / 51-12912-C / 54-12912-C

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.
- 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)	24-90096
A2	1	Air Filter (Pro DRY S)	21-90096
B1	1	Cover, Black	05-12912B2
B2	1	Cover, Carbon Fiber Look	05-12912C2
C	1	Tube	05-76309B1
D	1	Plug, Silicone	05-01387
E	1	Coupling, Silicone Dbl. Hump	05-01417
F	2	Clamp, #060	03-50002
G	2	Screw, Torx: M4	03-50490

Installation will require the following tools:

Phillips screwdriver & 8mm nut driver, flat head screwdriver, 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.




**Figure A**

**Refer to Figure A for Steps 1-4**

Step 1: Disconnect the MAF sensor harness.

Step 2: Unclip the top of the OE airbox.

Step 3: Loosen the clamp on the OE intake tube connecting to the turbo inlet tube.

Step 4: Remove the top of the airbox and tube out of the vehicle.

**Figure B****Refer to Figure B for Steps 5-7**

Step 5: Pre-install the aFe air filter with clamp through the aFe housing, assure the filter retain groove is snapped into along the housing.

Step 6: Install the aFe housing onto the bottom OE airbox, securing it with the OE clips.

Step 7: Install the coupling onto the turbo inlet tube with clamps. Do not tighten clamps at this time.



Figure C

**Refer to Figure C for Step 8**

Step 8: Transfer the MAF sensor from the OE intake tube to the aFe tube with the supplied hardware.



Figure D

**Refer to Figure D for Steps 9-13**

Step 9: Insert the aFe intake tube into the filter then into the coupling.

Step 10: Align the tube with filter and coupling, tighten clamps on coupling then filter.

Step 11: Re-plug MAF sensor harness.

Step 12: Make sure all clamps and bolts are tighten.

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



**Pro DRY S Air Filter**



P/N: 21-90096

**Pro 5R Air Filter**



P/N: 24-90096

**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)