

## advanced FLOW engineering Magnum Force Stage-2 Air intake

### Instruction Manual P/N: 54-13030D / 54-13030R

Make: **BMW** Model: **M5 (F10)/ M6 (F12/F13)** Year: **2012-2018** Engine: **V8-4.4L (Twin Turbo) S63**

Make: **BMW** Model: **M6 (F06) Gran Coupe** Year: **2014-2019** Engine: **V8-4.4L (Twin Turbo) S63**



- 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.

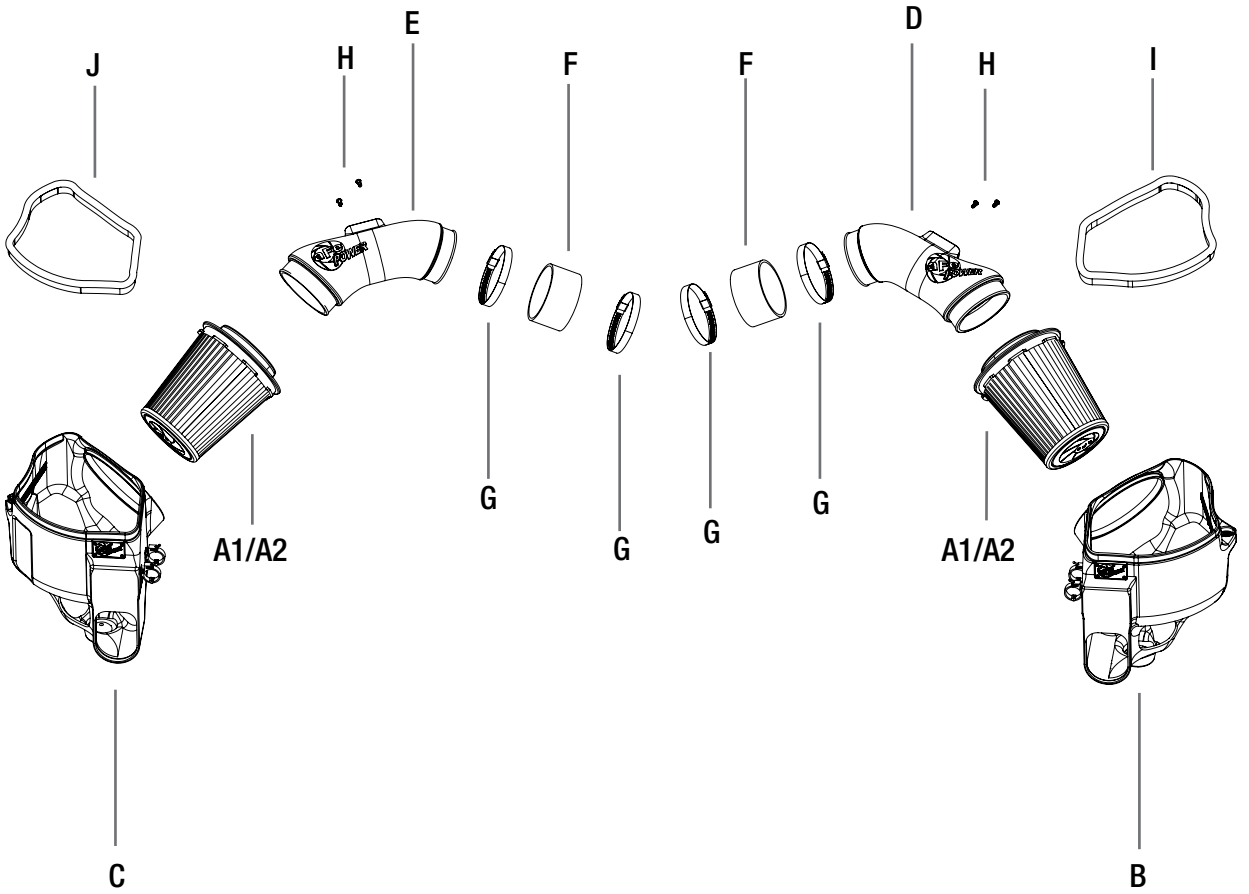
## Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	2	Air Filter (Pro DRY S)	21-90114
A2	2	Air Filter (Pro 5R)	24-90114
B	1	Housing Driver Side	05-5413030B3
C	1	Housing Passenger Side	05-5413030B4
D	1	Tube Driver Side	05-76301B1
E	1	Tube Passenger Side	05-76301B2
F	2	Coupling (3-1/2")	05-01280
G	4	Clamp, 056 (3-1/16" - 4")	03-50009
H	4	Screws, M4 x 10mm	03-50490
I	1	Seal Trim, 26" Length	05-01507
J	1	Seal Trim, 26" Length	05-01507

Installation will require the following tools:

6mm and 8mm nut driver, T20 and T30 torx bit or driver, flat screw 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 1-3**

Step 1. Disconnect both MAF sensors (on driver and passenger side) ①.

Step 2. Loosen factory clamps on turbo inlet adaptor and unclip hoses from the factory air boxes. ②.

Step 3. With a T30 torx driver, remove the two screws holding the passenger and driver side air boxes (one screw on each air box) ③.



Figure B

**Refer to Figure B for steps 4-5**

Step 4. Firmly pull the driver side factory air box out of its mounting location, and unclip hoses attached to it, then remove it as one piece out of the vehicle.

Step 5. Do the same thing with the passenger side factory air box. First pull it out of its mounting location, then take it out of the vehicle.



**Refer to Figure C for step 6**

Step 6. Remove the factory air inlet piece (4) from both factory air boxes and re-install them into the vehicle. Make sure to re-install the one from the driver side on the driver side, and the passenger side one on the passenger side.

**Figure D****Refer to Figure D for steps 7-8**

Step 7 Take the factory grommet (5) off the driver side factory airbox and install it on the driver side aFe airbox.

Step 8. Install the furnished seal trim (6) on the aFe Power air box.



**Refer to Figure E for step 9**

Step 9. Repeat the precedent step on the passenger side air box. (The passenger side air box is the one with the circular cut out on the side)





Figure F

**Refer to Figure F for steps 10-11**

Step 10. Install the driver side aFe Power housing into the vehicle by lining it up with the factory air inlet and onto the factory dome grommet. Secure the coolant hose (7) into the clips on the aFe Power housing.

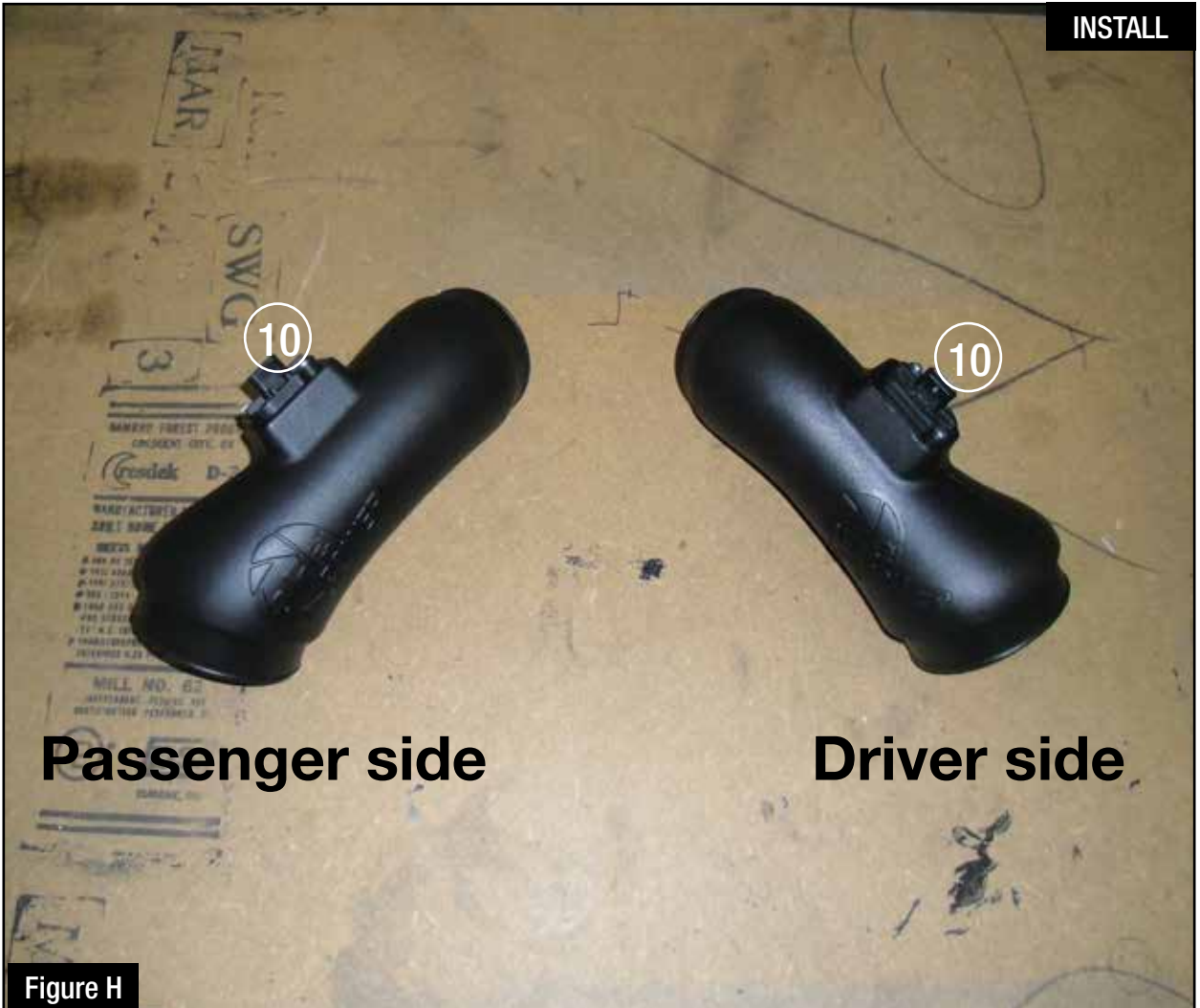
Step 11. Slide the aFe filter (8) into the housing. Push it until it locks into place.



Figure G

**Refer to Figure G for step 12**

Step 12. Now install the passenger side aFe Power air box the same way and slide the filter ⑨ into the air box.



**Refer to Figure H for step 13**

Step 13. After identifying which tube is the driver side one and which tube is the passenger side one, transfer the MAF sensor (10) from the driver side housing to the driver side tube, and the one from the passenger side housing to the passenger side tube. Use the provided screws to secured the sensors on the aFe Power tubes.



Figure 1

**Refer to Figure 1 for step 14**

Step 14. Install the furnished silicone couplings and clamps ① onto the turbo inlet adaptors. Do not tighten clamps yet.



Figure J

**Refer to Figure J for steps 15-16**

Step 15. Install the driver side tube (12) by sliding it into the filters then into the coupling. Repeat the same operation for the passenger side tube (13). Make sure not to reverse tube or sensors. Logos on tubes should be facing upward.

Step 16. Secure both aFe Power air boxes using factory T30 screws (14) removed on step 3.

**Figure K****Refer to Figure K for steps 17-19**

Step 17. Tighten all clamps and screws.

Step 18. Re-connect both MAF sensors ⑮ .

Step 19. Your installation is now complete.

Retighten all clamps and screws after approx 100 miles.

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Pro DRY S Air Filter



P/N: 21-90114-MA

Pro 5R Air Filter



P/N: 24-90114-MA

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Dynamic Air Scoops



P/N: 54-12489-C

SCORCHER Module



P/N: 77-46307

Cat-Back Exhaust



P/N: 49-36317-C (C/F Tips)  
49-36317-P (Pol. Tips)

Dry C/F Engine Cover



P/N: 79-13002

Sprint Booster V3



P/N: 77-16304

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to [aFepower.com](http://aFepower.com).

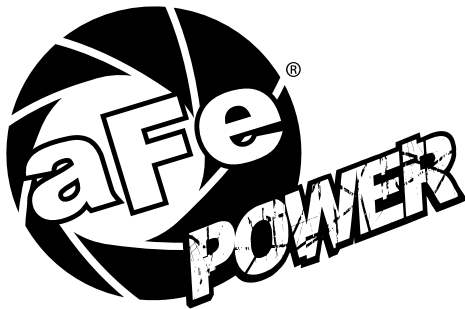
# Warranty

## 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](mailto: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.

<b>Product Category</b>	<b>P/N Prefix</b>	<b>Warranty duration</b>
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.



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