

MAGNUM FORCE



advanced FLOW engineering

Instruction Manual P/N: 54-12862 / 51-12862

Make: **MINI** Model: **Cooper S/Cabrio S (F55/56/57)**

Make: **MINI** Model: **Clubman S/Countryman S (F54/60)**

Make: **BMW** Model: **220i/225i Active/Gran Tourer (F45/46)**

Make: **BMW** Model: **X1 20is/Lis/ix/Lix/X1 25ix/Lix (F48)**

Make: **BMW** Model: **X2 28i/ix (F39)**

Year: **2015-2019** Engine: **L4-2.0L (t) B46/B48**

Year: **2015-2019** Engine: **L4-2.0L (t) B46/B48**

Year: **2014-2019** Engine: **L4-2.0L (t) B46/B48**

Year: **2014-2019** Engine: **L4-2.0L (t) B46/B48**

Year: **2014-2019** Engine: **L4-2.0L (t) B46/B48**



- 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	1	Air Filter (Pro 5R)	24-30506
A2	1	Air Filter (Pro DRY S)	21-30506
B	1	Tube	05-12862B2
C	1	Housing	05-12862B1
D	1	Seal, Trim: 7/16" Bulb (30" inches)	05-00072
E	2	Screw, Torx: M4	03-50491

Installation will require the following tools:
Torx 25 and Flat Head Screwdriver.

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.



**Figure A****Refer to Figure A for Steps 1-3**

Step 1: Unplug the MAF sensor harness.

Step 2: Loosen the clamp on the factory air intake.

Step 3: Remove the three screws out of the factory intake, then pull the top half of the factory air box out of the vehicle. Keep the screws for later use.

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

Step 4: Transfer the MAF sensor from the factory air box into the aFe POWER intake tube using the provided screws.

Step 5: Install the provided seal trim onto aFe POWER housing



Figure C

Refer to Figure C for Steps 6-7

Step 6: Install the aFe POWER housing into the vehicle by sliding the aFe POWER Intake tube into the factory coupling. Do not tighten the clamp at this time.

Step 7: Tighten down the aFe POWER housing to the bottom half of the factory air box using the three (3) factory screws from Step 3.



Figure D

Refer to Figure D for Steps 8-9

Step 8: Tighten the factory clamp at the coupling, and confirm all screws are tightened on the aFe POWER housing.

Step 9: Install the aFe POWER air filter onto the aFe POWER intake, then tighten the clamp at the air filter. Your installation is now complete. Thank you for choosing aFe POWER!

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



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Pro DRY S Air Filter



P/N: 21-30506

Pro 5R Air Filter



P/N: 24-30506

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Blue Aerosol Restore Kit



P/N: 90-50001

Intake System Cover



P/N: 54-12868-B (Black)
54-12868-C (Carbon Look)

Cat-Back Exhaust System



P/N: 49-36331-B (Blk. Tips)
49-36331-P (Pol. Tips)

SCORCHER GT Module



P/N: 77-46309

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

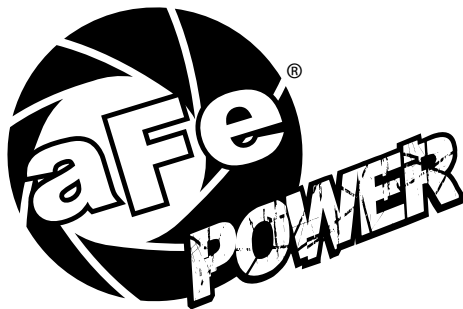
Warranty

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 nontransferable.
- 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.



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