

advanced FLOW engineering

Instruction Manual P/N: 54-12219

Make: **BMW** Model: **328i (F30)** Year: **2012-2016** Engine: **L4-2.0L (t) N20**



- 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.



Retain factory parts for future use.

| Label | Qty. | Description | Part Number |
|-------|------|----------------------|-------------|
| A | 1 | Cover, Vaccum Formed | 05-12219B1 |
| B | 3 | Screw, Hd M6x1x10 | 03-50102 |
| C | 3 | Clip Nut, M6 | 03-50414 |

Installation will require the following tools:
4mm Hex

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.

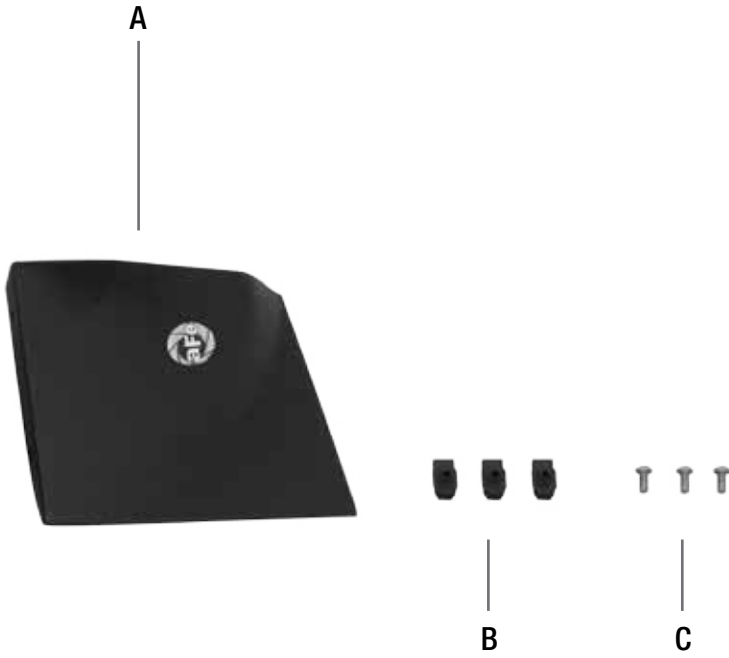




Figure A

Refer to Figure A for step 1-2

Step 1: Remove trim seal off aFe housing.

Step 2: Slide on the clip nuts it to the three holes on the aFe housing (1).



Figure B

Refer to Figure B for steps 3-5

Step 3: Install vacuum cover on to housing.

Step 4: With the furnished button head screws (2) secure the cover to the housing.

Step 5: Verify all screws are secure and re-check periodically. Your Installation is now complete.



Pro DRY S Air Filter



P/N: 21-90074

Pro 5R Air Filter



P/N: 24-90074

Pre-Filter



P/N: 28-10053

Blue Squeeze Restore Kit



P/N: 90-50501

Air Intake



P/N: 54-12212

Twisted Steel Header



P/N: 48-46303

Cat-Back Exhaust



P/N: 49-46310-B

OER Filter



P/N: 30-10225

Throttle Body Spacer



P/N: 46-31009

Electronic Module



P/N: 77-46303

Sprint Booster



P/N: 77-16302

Dynamic Air Scoop



P/N: 54-12218-C

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

Warranty

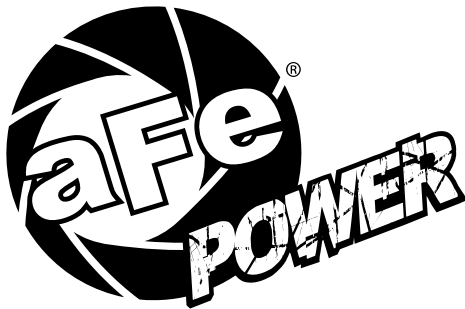
General Terms:

- 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, TF | 2 years |
| Air Intake Systems | 50, 51, 54, 55, 75, TR, TA, TL | 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 |
| Turbochargers | 46-6 | 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.

*See turbocharger warranty for more info



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