

advanced FLOW engineering

Stage 2

Instruction Manual P/N: 51-11912/54-11912

Make: **BMW** Model: **335i (E9X)** Year: **2011-2013** Engine: **L6-3.0L (t) N55**



- 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	Pro Dry S Air Filter	21-90061 (51-11912)
A2	1	Pro 5R Air Filter	24-90061 (54-11912)
B	1	Housing	05-11912B2
C	1	Intake Tube	05-11912B1
D	1	Trim Seal - 50"	05-00072
E	2	Clamp, #56	03-50009
F	1	Coupling	05-01203
G	1	MAS Gasket	05-01177
H	1	5/16" Bolt	03-50217
I	2	Pan Head Screw	03-50202
J	2	M4 Screw	03-50030

Installation will require the following tools:

T20 torx bit, T25 torx bit, 5/16" driver, 3/16" Hex key, 8mm socket, Ratchet, Phillips and Slotted 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.

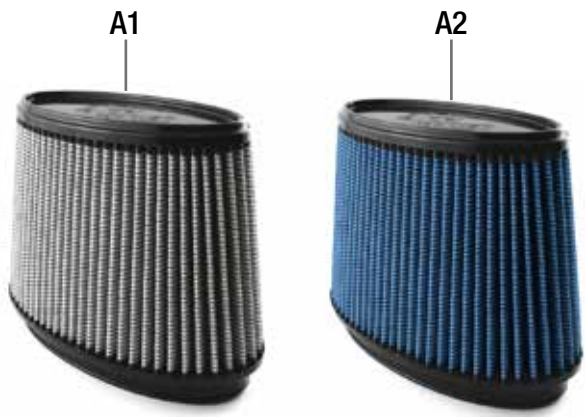
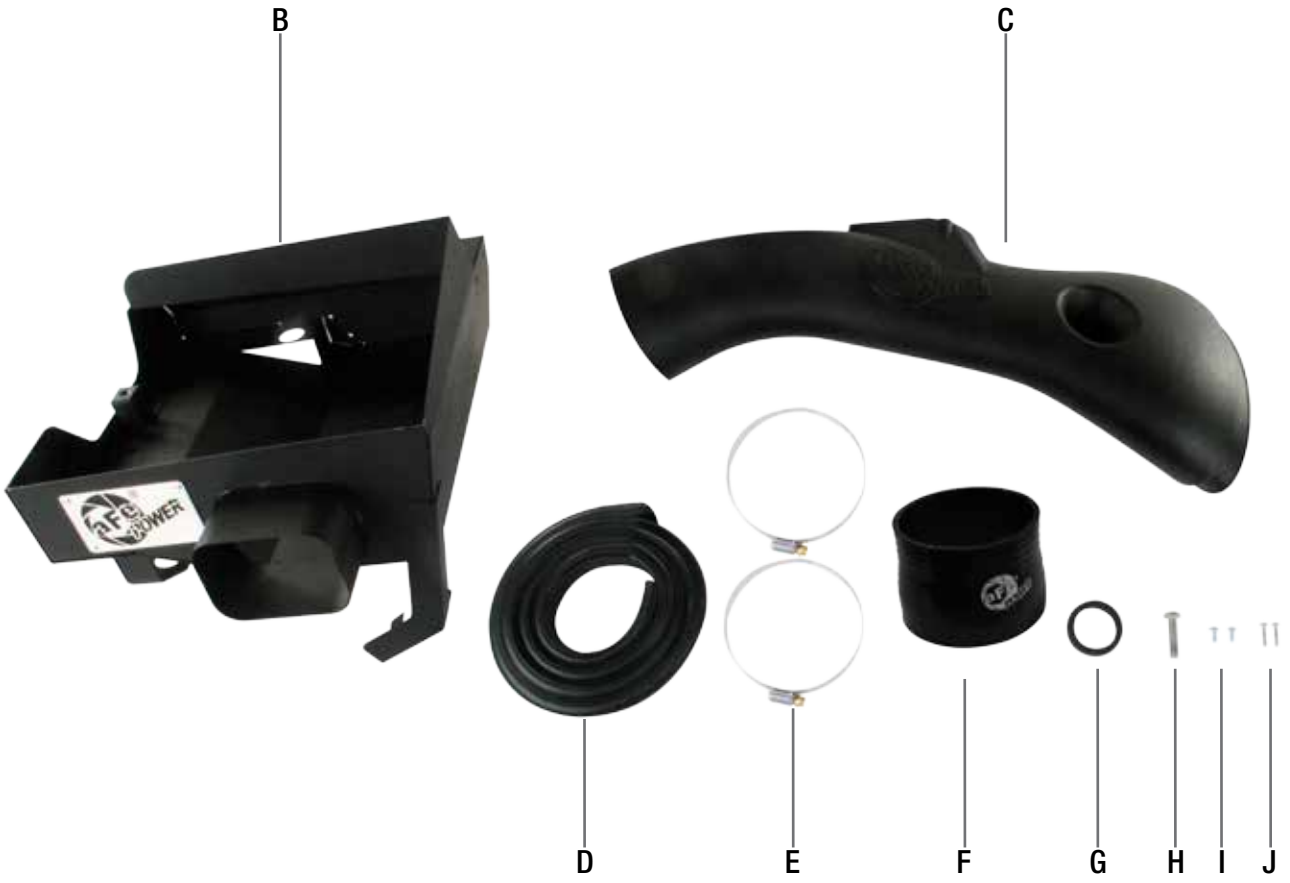




Figure A

Refer to Figure A for steps 1-5

1. Remove the engine cover. ①
2. Remove the air inlet tube mounting screws. ②
3. Remove the air inlet tube from the vehicle. ③
4. Loosen the clamp securing the upper air intake tube to the lower air intake tube. ④
5. Pull up on the airbox assembly to release it from the mounting grommets, but do not remove from the vehicle yet. ⑤



Figure B

Refer to Figure B for steps 6-7

6. Pull up on the individual (3) wire harness isolators to release them from the box. ⑥
7. Disconnect the wire harness from the mass air flow sensor (MAF). ⑦



Figure C

Refer to Figure C for steps 8-9

- 8. Remove the airbox and air intake tube from the vehicle.
- 9. Transfer two mounting grommets from the OE airbox to the aFe air filter housing.



Figure D

Refer to Figure D for step 10

10. Transfer the wire harness bracket from the OE airbox to the aFe air filter housing using the supplied bolts.



Refer to Figure E for steps 11-13

11. Loosen the charge air pipe mounting bolt. ⑪
12. Rest the aFe air filter housing on the engine near it's installed location.
13. Attach the wire harness isolators on the wire harness bracket.



Figure F

Refer to Figure F for steps 14-16

14. Install the aFe air filter housing by sliding the slotted bracket around the charge air pipe mounting bolt. (14)
15. Press down on the aFe air filter housing to install on the mounting grommets.
16. Tighten the charge air pipe mounting bolt. (14)



Refer to Figure G for steps 17-19

17. Transfer the MAS sensor from the OE air intake tube to the aFe air intake tube using the supplied screws and gasket.
18. Install the aFe air filter on the aFe air intake tube.
19. Install the coupling and clamps provided onto the air intake tube as shown.

**Figure H****Refer to Figure H for steps 20-23**

20. Install the trim seal on the upper edge of the aFe air filter housing.
21. Attach the aFe air intake tube to the OE lower air intake tube (do not tighten clamp).
22. Secure the aFe air intake tube to the housing using the supplied mounting bolt.
23. Align the lower air intake tube with the aFe air intake tube and tighten the clamp.



Figure I

Refer to Figure I for steps 24-26

24. Connect the wiring harness to the MAF sensor.
25. Install the OE air inlet tube and secure with the OE screws.
26. Install the engine cover.



Pro DRY S Air Filter



P/N: 21-90061

Pro 5R Air Filter



P/N: 24-90061

Pro DRY S Restore Kit



P/N: 90-59999

Sprint Booster



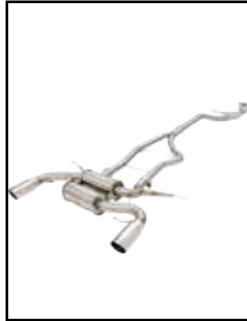
P/N: 77-16301 (M/T)
77-16302 (A/T)

Blue Squeeze Restore Kit



P/N: 90-50501

Exhaust System



P/N: 49-36328-P

Intercooler Cold Side Tube



P/N: 46-20249-B

Dynamic Air Scoop



P/N: 54-11478 (Black)
54-11478-L (Blue)
54-11478-R (Red)

Lowering Springs



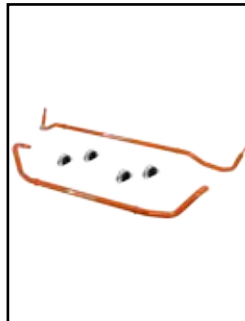
P/N: 410-503003-N

Twisted Steel Header



P/N: 48-36302-HC

Sway Bars



P/N: 440-503003-N

Throttle Body Spacer



P/N: 46-31007

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

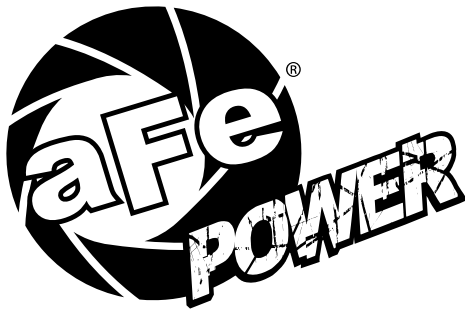
Warranty

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
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: 951.493.7100 • TECH: 951.493.7100 x23

E-Mail: Tech@aFepower.com