

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.

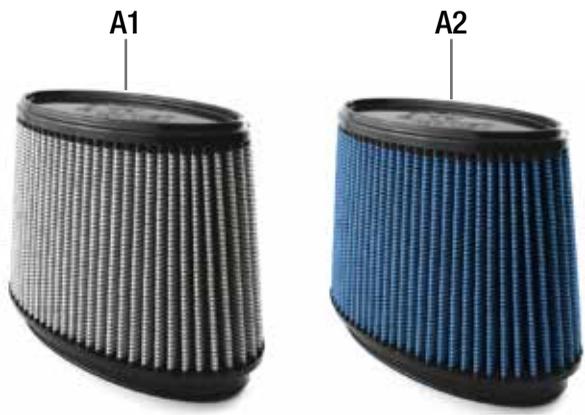
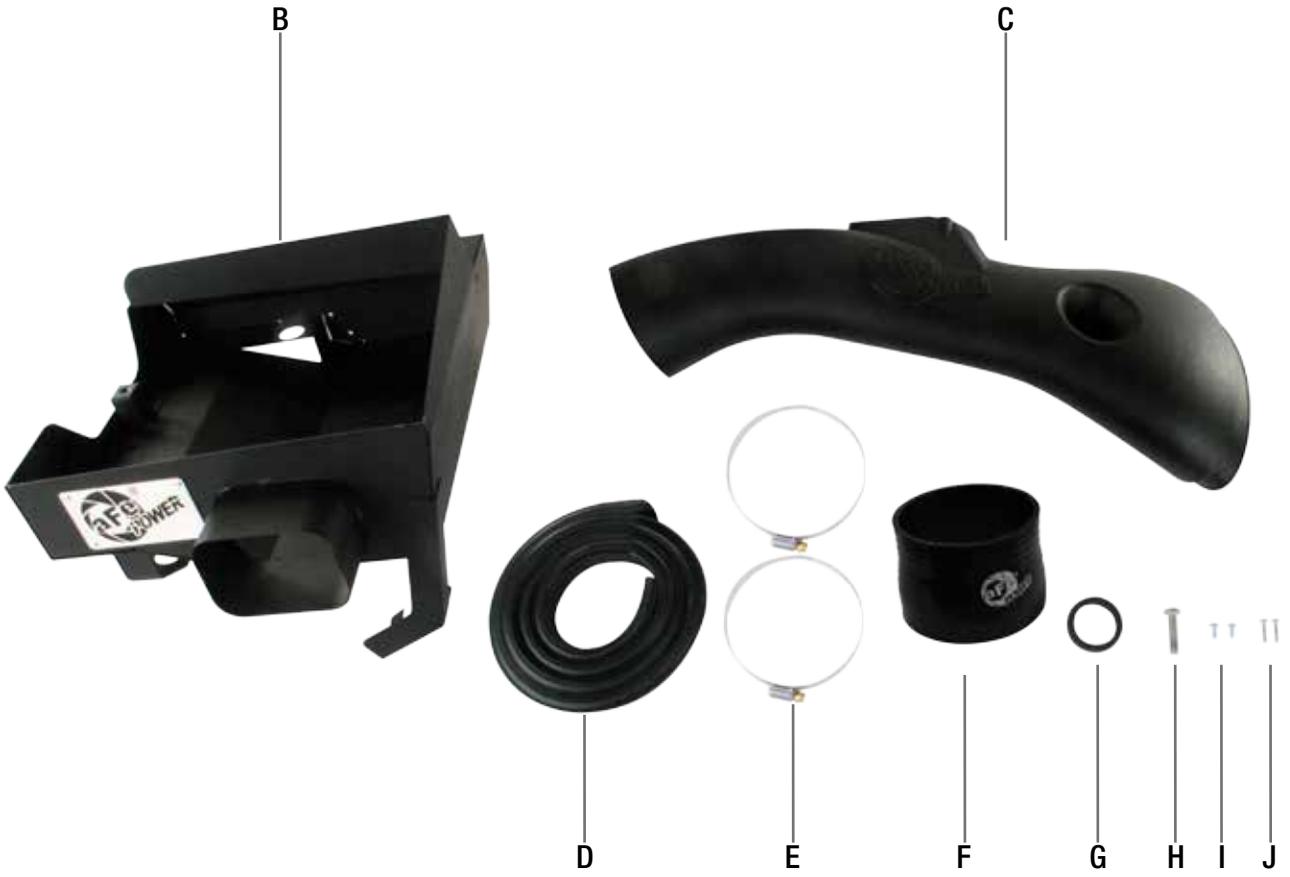
Label	Qty.	Description	Part Number
A1	1	Pro Dry S Air Filter	21-90061 (51-11912)
A2	1	Pro 5R Air Filter	24-90061 (54-11912)
B	1	Housing	05-11912B2
C	1	Intake Tube	05-11912B1
D	1	Trim Seal - 50"	05-00072
E	2	Clamp, #56	03-50009
F	1	Coupling	05-01203
G	1	MAS Gasket	05-01177
H	1	5/16" Bolt	03-50217
I	2	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.

Warranty Information available at <https://afepower.com/contact#warranty>.

Emissions Disclaimer: This product is not currently CARB exempt and is not available for purchase in California or for use on any vehicle registered with the California Department of Motor Vehicles.





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.

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