

Intake Kit Installation Instructions: BMW 3-Series (E90/91/92/93) & 128i (E82/88) L6-3.0L



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www.aFePower.com

Kit Part #	51/54-11012	
Make:	BMW	
Magnum Force Stage-2 Intake		
Model	Year	Engine
128i (E82/88)	'08-'13	L6-3.0L
325i/330i (E90/91)	'06-'06	L6-3.0L
328i (E90-E93)	'07-'13	L6-3.0L

Excluding:		
Model	Year	Engine
128i (E82/88)	'08-'13	L6-3.0L LEV2 SULEV
Engine Test Group:		
8BMXV03.0N51, 9BMXV03.0N51, ABMXV03.051R, BBMXV03.051R, CBMXV03.051R, DBMXV03.051R		
Model	Year	Engine
328i (E90-93)	'07-'13	L6-3.0L LEV2 SULEV
Engine Test Group:		
7BMXV03.0N51, 8BMXV03.0N51, ABMXV03.051R, BBMXV03.051R, CBMXV03.051R, DBMXV03.051R		

Tools Required:
5/16" nut drive3r or slotted screwdriver
10mm socket or wrench
Ratchet and extension
5/16 nut driver
M6 allen wrench
Part List:
1 Air filter (replacement # 24-91037) or Pro Dry S™ 21-60507
1 Intake tube
1 Tube Flange Gasket

1	Housing
1	Housing Cover
1	Coupler 3.5"x2"
1	MAF gasket
2	Screw, slotted M4x7x16
4	Hex Head Screw M6x1x25
1	Nut M6x1
5	Flat washer M6
2	Clamp#056
3	Button Head Screw M6x1x10
4	Washer, Wavy M6
1	Injection Adapter



Step 1
Complete kit. Make sure you have all the components listed prior to beginning your installation.



Step 2
Disconnect the MAF sensor.



Step 3
Loosen the hose clamp on the air box, and loosen the hose clamp on the intake manifold.



Step 4
Loosen and remove the two 10mm bolts securing the air box to the chassis.



Step 5
Remove the OEM air box assembly out of the engine bay.



Step 6
Remove the OEM intake tube.



Step 7
Remove the MAF sensor from the OEM air box assembly.



Step 8
Insert the MAF sensor assembly into the intake duct. Use the supplied gasket and screws. Secure the coupler to the intake tube using the #56 hose clamps. Do not tighten.



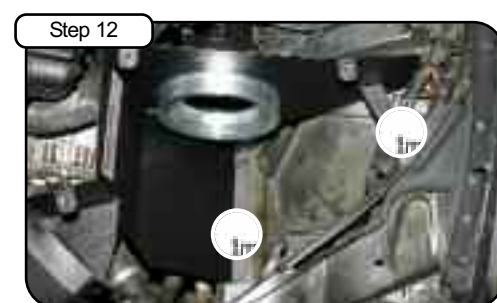
Step 9
Slide intake tube onto the manifold, and secure clamps



Step 10
Re-connect the MAF sensor plug.



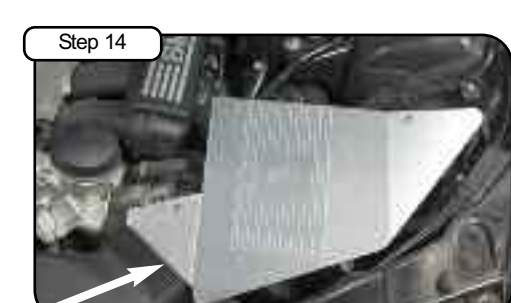
Step 11
Insert the tube flange gasket between the housing and intake tube. Bolt the aFe housing onto the aFe intake tube. Secure the bolts.



Step 12
Secure the housing onto the chassis using three mounting locations, shown here.



Step 13
Install air filter and tighten using 5/16" nut driver. Tighten all clamps. (1) Make sure your center air intake tube sits onto the aFe housing (as shown).



Step 14
Place the aFe housing lid over the housing. Secure the lid with the 3 button head screws.



Step 15
Place enclosed CARB EO sticker on a clean/smooth surface on or near the intake system. EO identification label is required in passing the Smog Check inspection. Your installation is now complete. Make sure you tighten all clamps and check all electrical connections. Re-check periodically.