Intake Kit Installation Instructions: '03-'05 BMW Z4 L6-2.5L/3.0L

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Kit Part #51/54-10651
Magnum Force Stage-1 Intake

Make:	BMW	
Model	**Year**	**Engine**
Z4 (E85)	'03-'05	L6-2.5L (M54)

Kit Part #51/54-10661
Magnum Force Stage-1 Intake

Model	**Year**	**Engine**
Z4 (E85)	'03-'05	L6-3.0L (M54)

Tools Required:
5/16" nut driver or slotted screwdriver
10mm socket or wrench
Ratchet and extension

Part List:
1 Air filter (P/N: 24-55505 or 21-55505)
1 Intake housing
1 Housing Cover
1 Air Filter Adaptor
8 M6 x 1 x 10 Button Head Screws
2 Spring clips

Step 1

Complete kit.

Step 2

Complete stock intake.

Step 3

Disconnect negative terminal from battery. Loosen the hose clamp on the intake tube. Disconnect the two metal clips on the side of the MAF sensor.

Step 4

Remove the two 10mm bolts on the side of the air box. Set the two bolts to the side you will be re-installing these later.

Step 5

Remove MAF sensor from air box. Make sure you do not damage the rubber gasket. Lift air box out and remove from vehicle.

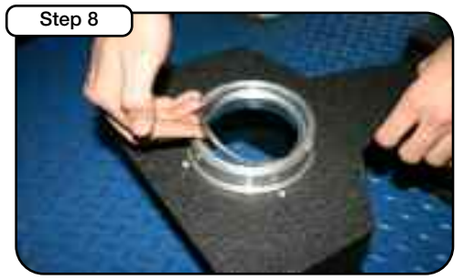
Step 6

Install the two spring clips to the MAF sensor.

Step 7

Insert the air filter adaptor into the housing. Line up the four mounting holes and fasted with the supplied button head screws.

Step 8



Carefully place the rubber MAF sensor gasket into the slot inside the air filter adaptor.

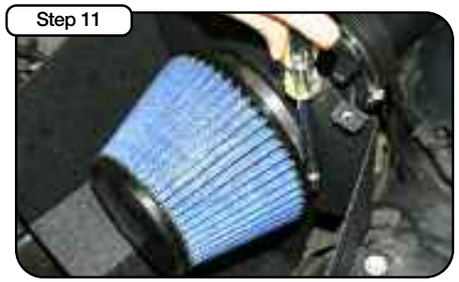
Step 9

Remove the factory installation mount before lowering the aFe lower housing into the engine bay. Fasten the MAF sensor to the housing and secure with the two spring clips.

Step 10

Re-install the two screws removed in step 4. Tighten down assembly.

Step 11



Install and tighten your pre-oiled filter. Do not use any grease or oil.

Step 12

Place aluminum cover over housing. Secure with the four remaining button head screws.

Step 13

Your installation is now complete. Tighten all connections and clamps. Re-connect negative battery terminal. Re-check after a few hours.

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.

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe's "Restore Kit" (aFe P/N: 90-50001 blue oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil or aFe P/N: 90-59999 pro dry s cleaner).
Filter Replacement: Magnum FLOW P/N: 24-55505 (black w/blue media) or P/N: 21-55505 (black w/white media).