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Intake Kit Installation Instructions: '06 BMW 325i/ 330i (E90) L6-3.0L

Kit Part #	51/54-11012	Tools Required:	Part List:	2 Screw, slotted M4x7x16
Make:	BMW	5/16" nut driver or slotted screwdriver	1 Air filter (replacement # 24-91037) or Pro Dry S™ 21-60507	4 Hex Head Screw M6x1x25
Model	Year	Engine	1 Intake tube	1 Nut M6x1
325i	'06	L6-3.0L	1 Tube Flange Gasket	5 Flat washer M6
330i	'06	L6-3.0L	1 Housing	2 Clamp#056
			1 Housing Cover	3 Button Head Screw M6x1x10
			1 Coupler 3.5"x2"	4 Washer, Wavy M6
			1 MAF gasket	1 Injection Adapter



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



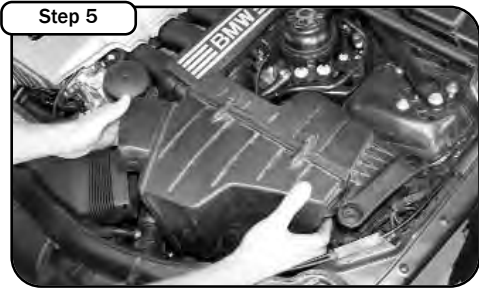
Step 2
 Disconnect the MAF sensor.



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



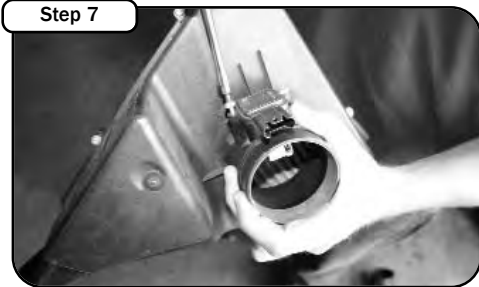
Step 4
 Loosen and remove the two 10mm bolts securing the air box to the chassis.



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.



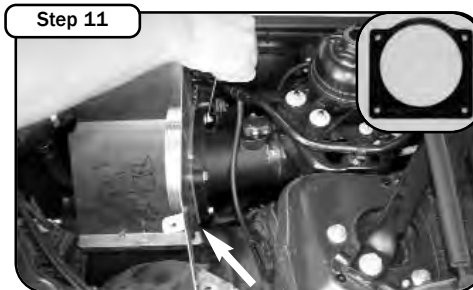
Step 8
 Insert the MAF sensor assembly into the intake duct. Use the supplied gasket and screws. Secure the coupler to the intake tube using the #56 hose clamps. Do not tighten.



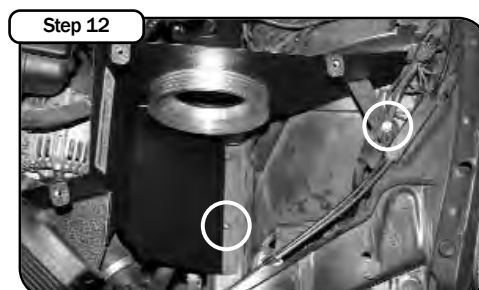
Step 9
 Slide intake tube onto the manifold, and secure clamps



Step 10
 Re-connect the MAF sensor plug.



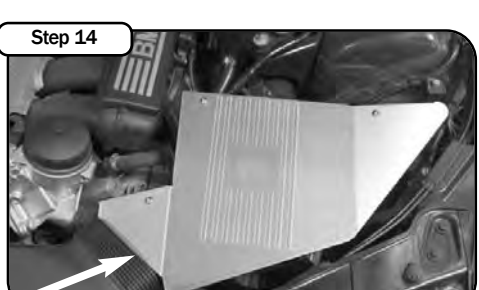
Step 11
 Insert the tube flange gasket between the housing and intake tube. Bolt the aFe housing onto the aFe intake tube. Secure the bolts.



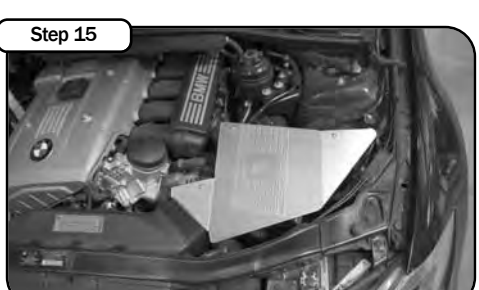
Step 12
 Secure the housing onto the chassis using three mounting locations, shown here.



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
 Your installation is now complete. Make sure you tighten all clamps and check all electrical connections. Re-check periodically.

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: 90-50000 gold oil aerosol, or aFe P/N: 90-50500 gold squeeze oil). Filter Replacement: Magnum FLOW PN: 24-91037 (black w/ blue media). **Pro Dry S™** P/N: 21-60507 (black w/ white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074