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

<b>Kit Part #</b>	51/54-11012	<b>Tools Required:</b>	<b>Part List:</b>	2 Screw, slotted M4x7x16
<b>Make:</b>	BMW	5/16" nut driver or slotted screwdriver	1 Air filter (replacement # 24-91037) or <b>Pro Dry S™</b> 21-60507	4 Hex Head Screw M6x1x25
<b>Model</b>	<b>Year</b>	<b>Engine</b>	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



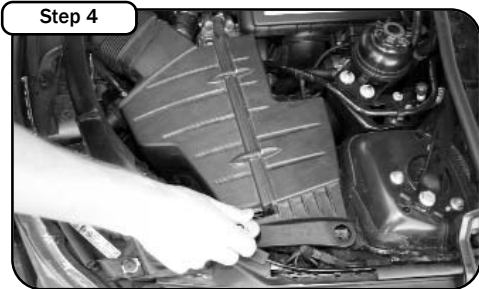
**Step 1**  
 Complete kit. Make sure you have all the components listed prior to beginning your installation.



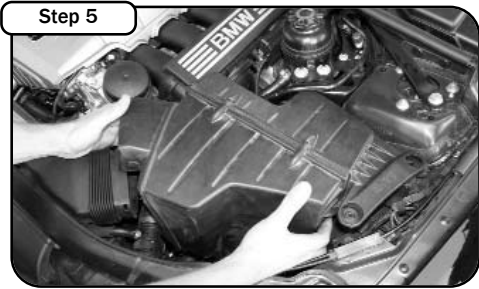
**Step 2**  
 Disconnect the MAF sensor.



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



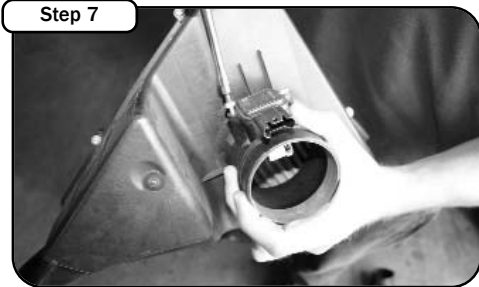
**Step 4**  
 Loosen and remove the two 10mm bolts securing the air box to the chassis.



**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.



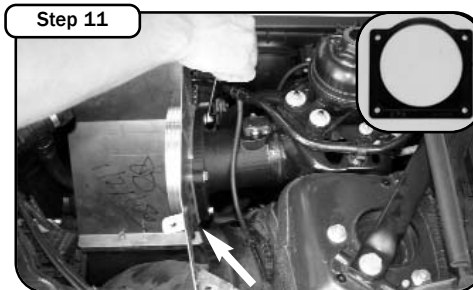
**Step 8**  
 Insert the MAF sensor assembly into the intake duct. Use the supplied gasket and screws. Secure the coupler to the intake tube using the #56 hose clamps. Do not tighten.



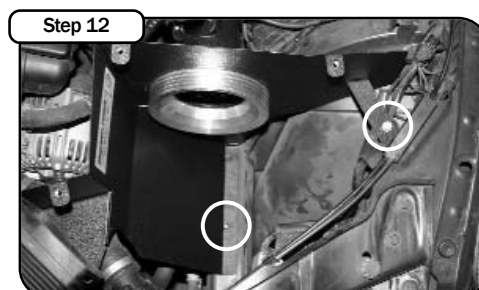
**Step 9**  
 Slide intake tube onto the manifold, and secure clamps



**Step 10**  
 Re-connect the MAF sensor plug.



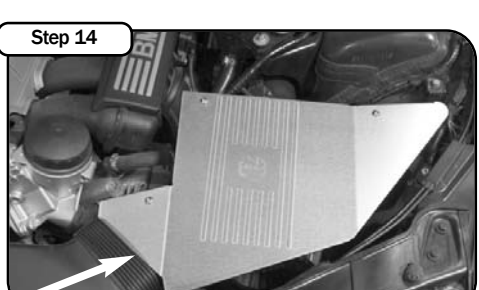
**Step 11**  
 Insert the tube flange gasket between the housing and intake tube. Bolt the aFe housing onto the aFe intake tube. Secure the bolts.



**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