



P.O. Box 1719  
 Corona, CA 92878  
 Support: 951-493-7100  
 www.aFeFilters.com

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

<b>Kit Part #</b>	54-11012	<b>Tools Required:</b>	<b>Part List:</b>	4 Hex Head Screw M6x1x25
<b>Make:</b>	BMW	5/16" nut driver or slotted screwdriver	1 Air filter (replacement # 24-91037)	1 Nut M6x1
<b>Model</b>		10mm socket or wrench	1 Intake tube	5 Flat washer M6
<b>Year</b>		Ratchet and extension	1 Tube Flange Gasket	2 Clamp#056
<b>Engine</b>		5/16 nut driver	1 Housing	3 Button Head Screw M6x1x10
325i	'06	M6 allen wrench	1 Housing Cover	4 Washer, Wavy M6
330i	'06		1 Coupler 3.5"x2"	1 Injection Adapter
			1 MAF gasket	
			2 Screw, slotted M4x7x16	



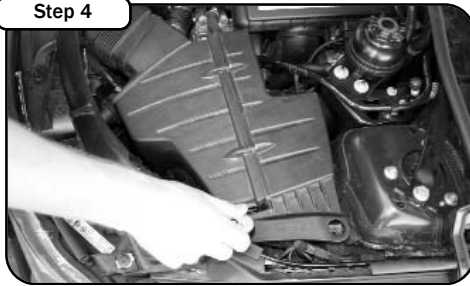
**Step 1**  
 Complete kit. Make sure you have all the components listed prior to beginning your installation.



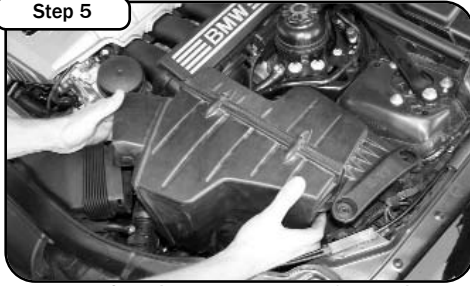
**Step 2**  
 Disconnect the MAF sensor.



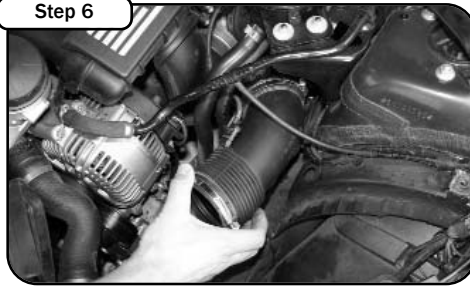
**Step 3**  
 Loosen the hose clamp on the air box, and loosen the hose clamp on the intake manifold.



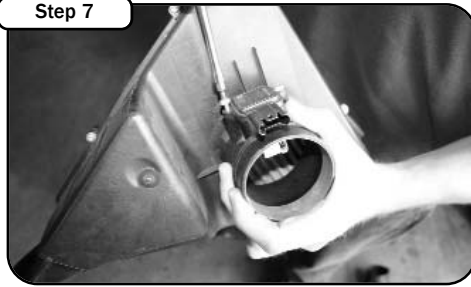
**Step 4**  
 Loosen and remove the two 10mm bolts securing the air box to the chassis.



**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.



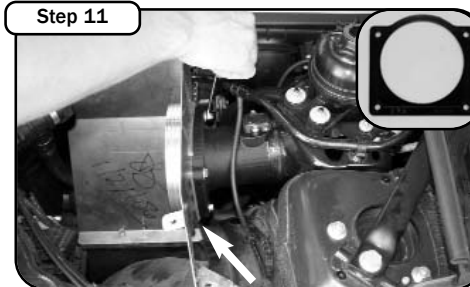
**Step 8**  
 Insert the MAF sensor assembly into the intake duct. Use the supplied gasket, nylon spacers, and screws between the tube and sensor. Secure the coupler to the intake tube using the #56 hose clamps.



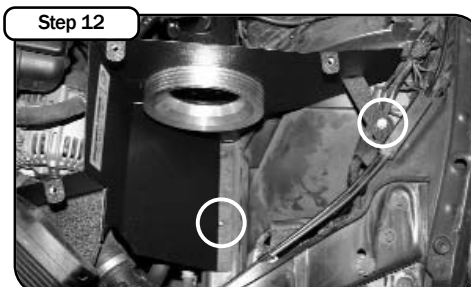
**Step 9**  
 Slide intake tube onto the manifold, and secure clamps



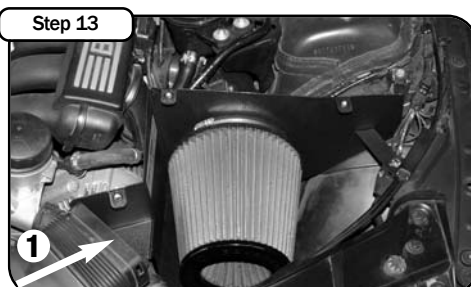
**Step 10**  
 Re-connect the MAF sensor plug.



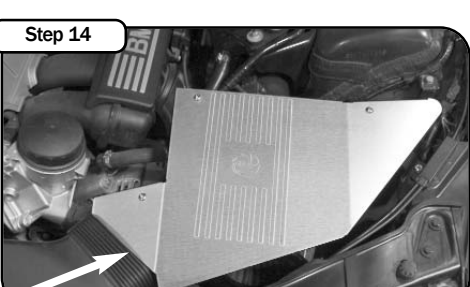
**Step 11**  
 Insert the tube flange gasket between the housing and intake tube. Bolt the aFe housing onto the aFe intake tube. Secure the bolts.



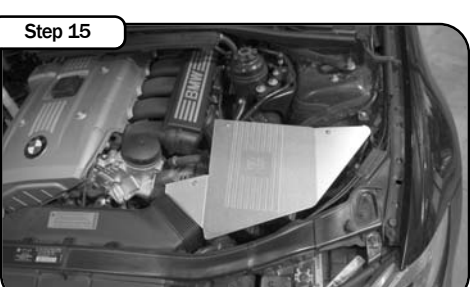
**Step 12**  
 Secure the housing onto the chassis using three mounting locations, shown here.



**Step 13**  
 Install your pre oiled air filter. Do not use any oil or grease. (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).