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# Intake Kit Installation Instructions: '00-'04.5 Volkswagen Golf/ GTI/ Jetta/ Beetle L4-1.8L (Turbo) / L4-1.9L TDI (td)

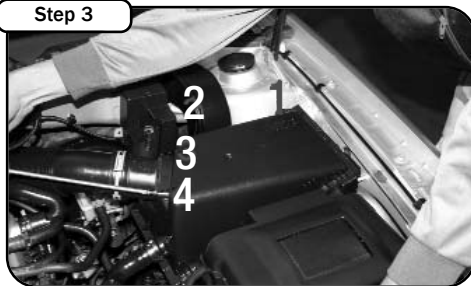
<b>Kit Part #</b>	54-10831	<b>Tools Required:</b>	<b>Part List:</b>	2 Wavy washer
<b>Make:</b>	Volkswagen	5/16" nut driver or slotted screwdriver	1 Air filter (replacement # 24-28001)	2 Flat Washer
<b>Model</b>	<b>Year</b>	<b>Engine</b>	1 Intake tube	4 M6x1x12 Screw
Golf	'00-'04.5	L4-1.8T	1 Breather air filter	1 Clamp mini #016
Golf GTI	'00-'04.5	L4-1.8T	1 Housing	1 Elbow 90 deg 1"x1"
Jetta GLS	'00-'04.5	L4-1.8T	1 Housing Cover	1 5/32x12 Vacuum Hose
Beetle	'99.5-'04.5	L4-1.8T	3 M6x1x10 Button Head Screws	1 Cap, EPDM Blk Rubber: 0.172" OD
Golf	'00-'04.5	L4-1.9L TDI	2 Clamp#044	
Jetta TDI	'00-'04.5	L4-1.9L TDI	1 Coupler Straight	
Beetle	'99.5-'04.5	L4-1.9L TDI		



**Step 1**  
 Complete kit. Verify all components are present prior to beginning installation.



**Step 2**  
 Complete stock intake.



**Step 3**  
 Remove the phillips screws on the side of the air box lid.(1&2). Remove the MAF from the air box by removing the two phillips screws (3&4)



**Step 4**  
 Disconnect the smog pump from the air box lid.



**Step 5**  
 Remove the factory air box lid and air filter.



**Step 6**  
 Remove the two 10mm bolts securing the lower portion of the air box. Remove the air box.



**Step 7**  
 Lower the housing assembly in the engine compartment. Secure the MAF sensor to the housing with the supplied hardware.



**Step 8**  
 Connect the elbow to the smog pump inlet hose. Secure with the supplied mini clamp. Slide the elbow thru the opening on the side of the housing.



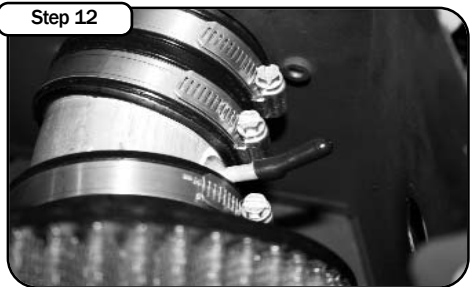
**Step 9**  
 Slide the intake breather air filter over the smog pump elbow. Secure with the provided clamp.



**Step 10**  
 Secure the housing to the engine compartment with the supplied hardware.



**Step 11**  
 Install the intake tube, couplers and air filter. Do not use any grease or oil.



**Step 12**  
 If you are installing the intake system on a 1.9L TDI. Connect the vacuum hose to the intake nipple. On vehicles not equipped with a vacuum line. Use the supplied vacuum nipple.



**Step 13**  
 Place enclosed CARB EO sticker on a clean/smooth surface or near the intake system. EO identification label is required in passing the Smog Check inspection. Your installation is now complete. Tighten all connections and clamps. Re-check after a few hours.

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. Filter Replacement: Magnum FLOW PN: 24-28001(black w/ blue media).