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Intake Kit Installation Instructions: '99-'05 Volkswagen Golf/ GTI/ Jetta/ Beetle L4-1.8L (Turbo) / L4-1.9L TDI (td)

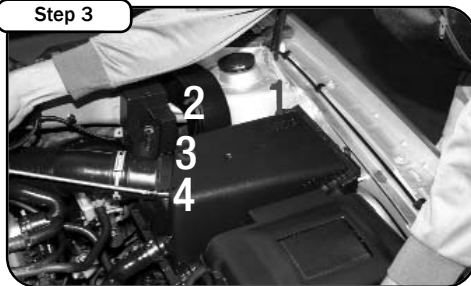
Kit Part #	54/51-10831		Tools Required:	Part List:	2 Wavy washer
Make:	Volkswagen		5/16" nut driver or slotted screwdriver	1 Air filter (replacement # 24-28001)	2 Flat Washer
Model	Year	Engine	10mm socket or wrench	1 Intake tube	4 M6x1x12 Screw
Golf	'00-'04.5	L4-1.8L	Ratchet and extension	1 Breathing air filter	1 Clamp mini #016
Golf GTI	'00-'04.5	L4-1.8L		1 Housing	1 Elbow 90 deg. 1"x1"
Jetta GLS	'00-'04.5	L4-1.8L		1 Housing Cover	1 5/32x12 Vacuum Hose
Beetle	'99.5-'04.5	L4-1.8L		3 M6x1x10 Button Head Screws	1 Cap, EPDM Blk Rubber: 0.172" OD
Golf TDI	'00-'04.5	L4-1.9L TDI		2 Clamp#044	
Jetta TDI	'00-'04.5	L4-1.9L TDI		1 Coupling Silicone Straight	
Beetle TDI	'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.



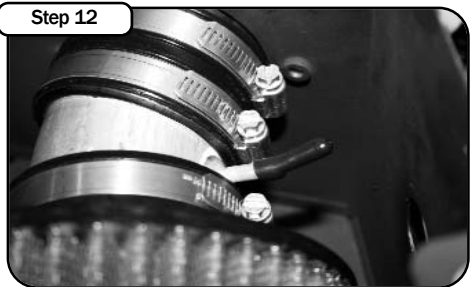
Step 9
 Slide the intake breather air filter over the smog pump elbow. Secure with the provided clamp.



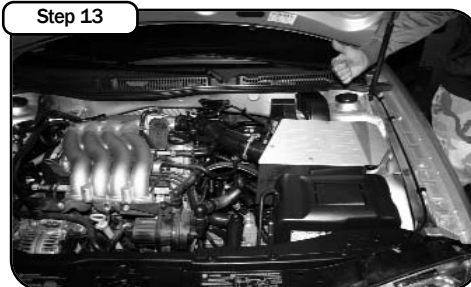
Step 10
 Secure the housing to the engine compartment with the supplied hardware.



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 on 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).