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# Intake Kit Installation Instructions: '01-'04 Chevrolet Corvette C5 / Z06 V8-5.7L

<b>Kit Part #</b> 51/54-10052	<b>Tools Required:</b> 5/16" nut driver Heat Gun or Hair Dryer	<b>Part List:</b> 1 Air Filter (P/N# 24-90033) or <b>Pro Dry S™</b> 21-90033 1 Intake Tube 1 Coupling 4"D x 3"L (Red) 1 Clamps #056 2 Clamps #064 1 Tube Fitting, 3/4" Coupler	<b>Additional Part List:</b> 1 Grommet 1 Hose Vacuum , 4"L
<b>Make:</b> Chevrolet			
<b>Model</b> <b>Year</b> <b>Engine</b>			
Corvette '01-'02 V8-5.7L, LS1			
Corvette '03-'04 V8-5.7L, LS1			
<b>(Excluded from CARB EO: 2003 and 2004 Z06)</b>			
			*Save all stock parts for future use if needed



**Step 1**  
 Complete kit. Make sure all components listed are included prior to beginning installation.



**Step 2**  
 Complete stock intake.



**Step 3**  
 Remove MAF sensor plug.



**Step 4**  
 Unplug the air breather hose.



**Step 5**  
 Loosen the clamp holding the OE intake tube to the throttle body.



**Step 6**  
 To remove stock housing lift up and pull out. Remove the two rubber grommets on the OE intake tube. Store these items for future use if needed.



**Step 7**  
 Place the two rubber grommets on the two pins located on the engine cover.



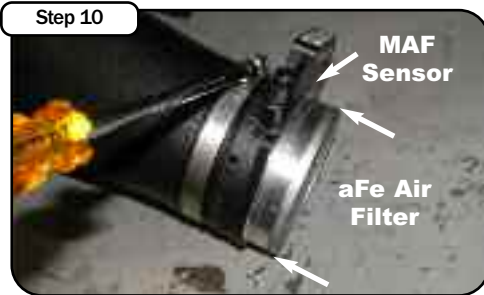
**Step 8**  
 Loosen the clamps holding the OE intake tube to the OE air box. Remove the tube.



**Step 9**  
 Remove the MAF sensor from the OE air box.



**Step 11**  
 Insert the MAF sensor into the aFe intake tube. Make sure to align the MAF sensor to the notch on the intake tube. This assembly requires a snug fit. If fit is too tight the tube can be heated with a hair dryer or heat gun to allow insertion.



**Step 10**  
 After you aligned and inserted the MAF sensor, tighten the clamp. Insert and secure the aFe air filter onto the MAF sensor.



**Step 12**  
 Insert the air hose inlet coupler into the air filter. Sit the intake into position aligning the two rubber grommets with the dimples on the aFe intake tube.



**Step 13**  
 Secure the coupler onto the throttle body and secure in position.



**Step 14**  
 Reconnect the MAF sensor and air inlet hose to the air filter.



**Step 15**  
 Your installation is now complete. Make sure you tighten all clamps and check all electrical connections. Re-check periodically. Place the included CARB EO Sticker on or near the intake system on a smooth, clean surface. E.O. identification label is required in passing the Smog Check inspection.

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: 90-50051 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: 24-90033 (black w/blue media). **Pro Dry S™** P/N: 21-90033 **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074



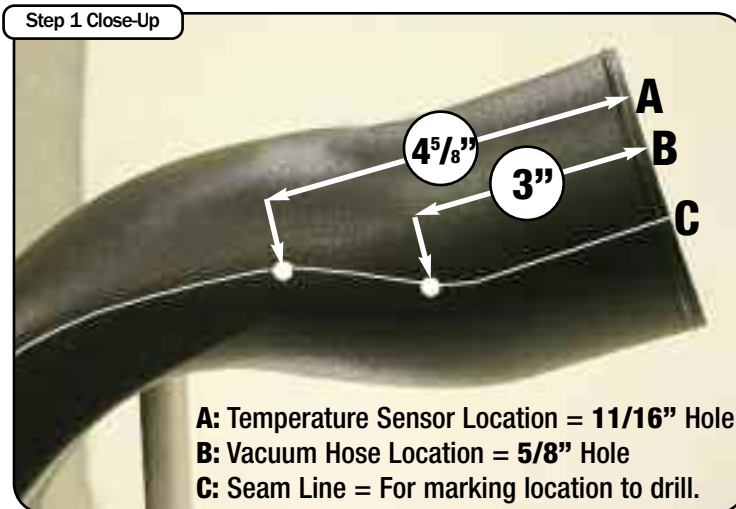
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## Additional Intake Kit Installation Instructions: '97-'00 Chevrolet Corvette C5 / Z06 V8-5.7L

<b>Kit Part #</b>	51/54-10052	<b>Tools Required:</b>	
<b>Make:</b>	Chevrolet	11/16" Woodworking flat spade bit.	
<b>Model</b>	<b>Year</b>	<b>Engine</b>	
Corvette	'97-'00	V8-5.7L, LS1, Z06	
		<b>Note:</b> A woodworking flat spade bit drills through plastic better than a twist drill. These drills are commonly available for less than \$4 ea.	



This is a photo of the complete intake system. Please note that some minor modifications will be necessary for some early model C5's.



For early C5 models with a temperature sensor and OR fuel pressure regulator vacuum line, please drill holes at the following locations.

Measure the location for drilling along the **C seam line** at either **A** or **B** measurements.

- A:** Temperature Sensor @ 4 5/8" drill 11/16" hole. Transfer and re-use original grommet and temperature sensor.
- B:** Vacuum Hose @ 3" drill 5/8" hole. Insert new grommet & original vacuum fitting. Connect rubber vent hose between vacuum fitting and hard plastic line.



Insert the MAF sensor into the aFe intake tube. Make sure to align the MAF sensor tab to the proper groove on the intake tube according to your vehicle model.

This assembly requires a snug fit.

**Late model** installations with a 3.7" slip connection use the **A** notch at the tubes seam line for the MAF sensor alignment tab. If fit is too tight the tube can be heated with a hair dryer or heat gun to allow insertion.



**Early model** installations with a smaller 3.5" slip connection use the **B** notch for the MAF sensor alignment tab. The fit will appear loose but will tighten snug as designed. Retighten after a few hours of operation.

- A:** Late Models
- B:** Early Models
- C:** Seam Line