

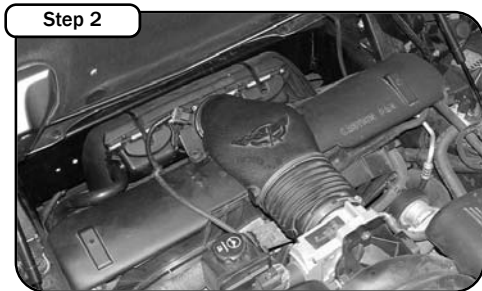


# Intake Kit Installation Instructions: '97-'04 Chevrolet Corvette C5 / Z06 V8-5.7L

<b>Kit Part #</b>	54-10052	<b>Tools Required:</b>	<b>Part List:</b>	<b>Additional Part List:</b>
<b>Make:</b>	Chevrolet	5/16" nut driver	1 Air Filter (P/N# 24-90033)	1 Grommet
<b>Model</b>		Heat Gun or Hair Dryer	1 Intake Tube	1 Hose Vacuum , 4" L
<b>Year</b>			1 Coupling 4" D x 3" L (Red)	
<b>Engine</b>			1 Clamps #056	
Corvette	'97-'04		2 Clamps #064	
	V8-5.7L, LS1, Z06		1 Tube Fitting, 3/4" Coupler	



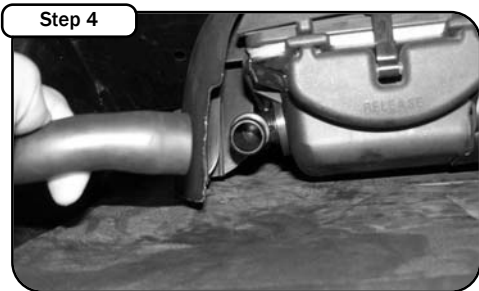
**Step 1**  
Complete kit. Make sure all components listed are included prior to beginning installation.



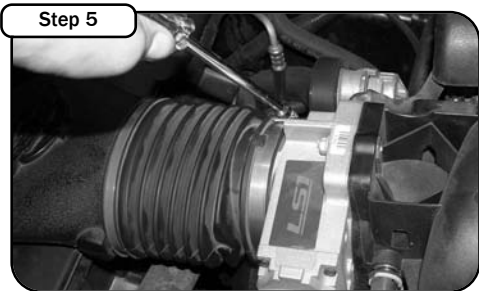
**Step 2**  
Complete stock intake.



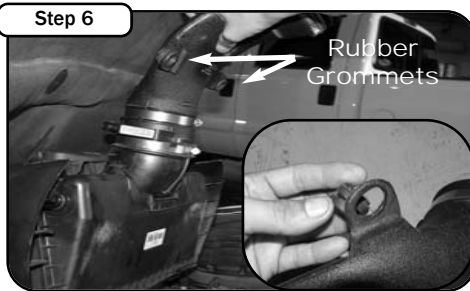
**Step 3**  
Remove MAF sensor plug.



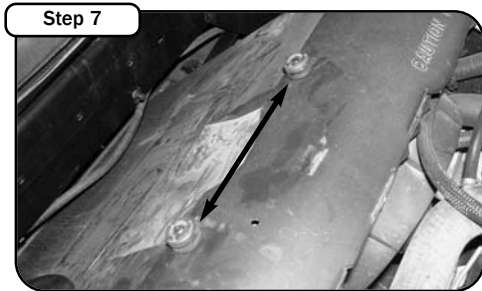
**Step 4**  
Unplug the air breather hose.



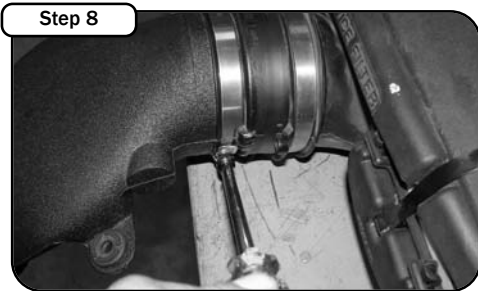
**Step 5**  
Loosen the clamp holding the OE intake tube to the throttle body.



**Step 6**  
To remove stock housing lift up and pull out. Remove the two rubber grommets on the OE intake tube.



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



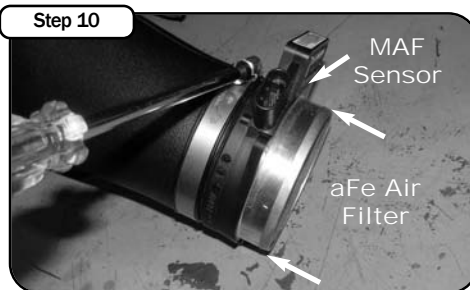
**Step 8**  
Loosen the clamps holding the OE intake tube to the OE air box. Remove the tube.



**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 groove 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**  
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. 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).  
Filter Replacement: Magnum FLOW PN: 24-90033 (black w/blue media).



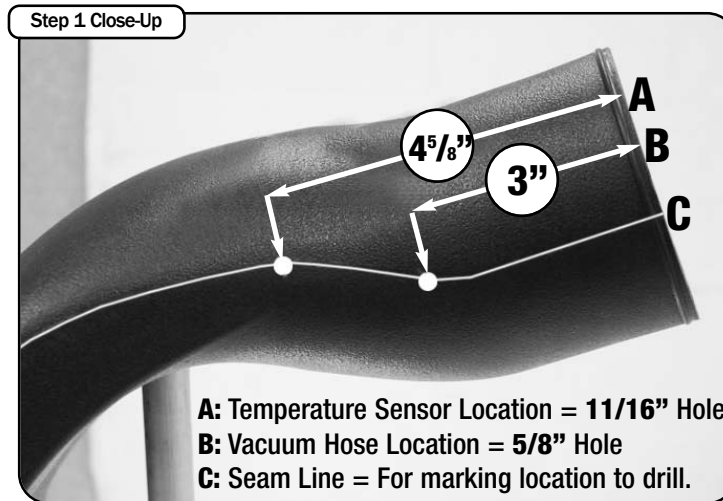
## Additional Intake Kit Installation Instructions: '97-'00 Chevrolet Corvette C5 / Z06 V8-5.7L

<b>Kit Part #</b>	54-10052	<b>Tools Required:</b>	
<b>Make:</b>	Chevrolet	11/16" Woodworking flat spade bit.	
<b>Model</b>		5/8" Woodworking flat spade bit.	
<b>Year</b>		<b>Note:</b> A woodworking flat spade bit	
<b>Engine</b>		drills through plastic better than a	
Corvette	'97-'00	V8-5.7L, LS1, Z06	
		twist drill. These drills are commonly	
		available for less than \$4 ea.	



Refer to Step 1 Close-Up

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



**A:** Temperature Sensor Location = 11/16" Hole  
**B:** Vacuum Hose Location = 5/8" Hole  
**C:** Seam Line = For marking location to drill.

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 11/16" hole. Insert new grommet & original vacuum fitting. Connect rubber vent hose between vacuum fitting and hard plastic line.



Refer to Step 2 Close-Up

This Side Up.

MAF Sensor Alignment tab.

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.



Step 2 Close-Up

This Side Up.

**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

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: 24-90033 (black w/blue media).