



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

Intake Kit Installation Instructions: '02-'05 Chevrolet Trailblazer/ GMC Envoy/ Oldsmobile Bravada I6-4.2L

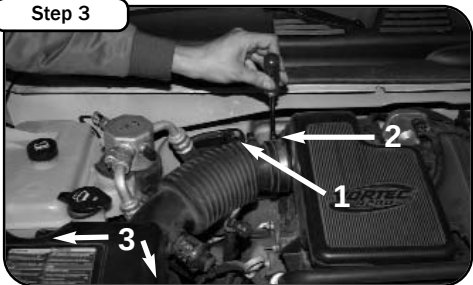
Kit Part #	54-10872	Tools Required:	Part List:	6 Washer, Flat M6
Make:	Chevrolet	5/16" nut driver	1 Air Filter (replacement # 24-40011)	4 Washer, Wavy
Model	Year Engine	Slotted screwdriver	1 Intake Tube	4 Button Head Screws M6x1x12
Trailblazer	'02-'05 I6-4.2L	10mm socket or wrench	1 Intake Housing	
Make:	GMC	Ratchet and extension	1 Housing Cover	Additional parts for "air injection" supply hose.
Model	Year Engine		1 Air Temp. Sensor Grommet	1 Elbow 1"
Envoy	'02-'05 I6-4.2L		1 Coupler 3-1/2"Dx3"L	1 Grommet 1" ID
Make:	Oldsmobile		2 Clamps #056	1 Clamp #016
Model	Year Engine		4 Screw M6x1x25	
Bravada	'02-'04 I6-4.2L		2 Nut M6x1	



Complete kit. Please make sure you have all the components listed prior to beginning your installation.



Complete stock intake.



(1) Disconnect the MAF sensor. (2) Loosen the intake manifold clamp. (3) Remove the two screws holding the air box housing in place. *Models with "air injection" hose unplug from intake tube.



Remove the air box housing. (1) Remove the stock air filter.



Remove the air tube.



Slip the coupler over the intake manifold and secure with a clamp.



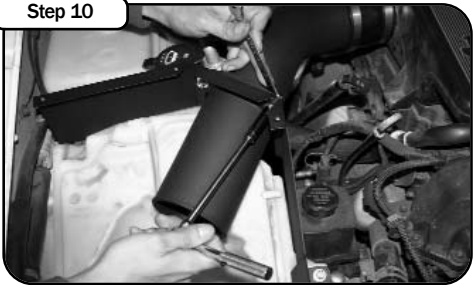
Insert the "air temp. sensor grommet" into the aFe air intake tube



Insert the aFe air intake tube into the coupler on the intake manifold. Once in position secure the tube using a clamp.



Fit the aFe housing over the intake tube. Using 2 screws, washers and lock washers secure the housing in the engine compartment.



Next using the 2 longer screws, 2 washers each, wavy washer and bolts. Fasten the housing onto the intake tube.



Remove the air temp. sensor from the OEM intake tube.



Insert the air temp. sensor into the aFe intake tube. Re-connect the air temp. sensor plug.



Install the new aFe air filter onto the intake tube and secure.



Position the housing cover and secure in position using 4 button head screws. Your installation is now complete. Make sure you tighten all clamps and check all electrical connections. Re-check periodically.

Place enclosed CARB E0 sticker on a clean/smooth surface on or near the intake system. E0 identification label is required in passing the Smog Check inspection.

If your vehicle is equipped with an "air injection" supply hose.

Please refer to page 2 for further instructions.

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: 24-40011 (black w/blue media).



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Page 2 “Air Injection” Supply Hose Installation Instructions

Kit Part #	54-10872	Tools Required:	Part List:	
Make:	Chevrolet	1/4" nut driver	1 Elbow 1"	
Model	Year Engine	1 3/8" Spade Bit	1 Rubber Grommet 1" ID	
Trailblazer	'02-'05 I6-4.2L	Drill	1 Clamp #016	
Make:	GMC	Wire Cutters		
Model	Year Engine	Long nose pliers		
Envoy	'02-'05 I6-4.2L			
Make:	Oldsmobile			
Model	Year Engine			
Bravada	'02-'04 I6-4.2L			



Complete kit. Please make sure you have all the components listed prior to beginning your installation.



Using wire cutters remove the factory metal clamp from the air injection hose.



Remove the vent tube connector from the air injection hose.



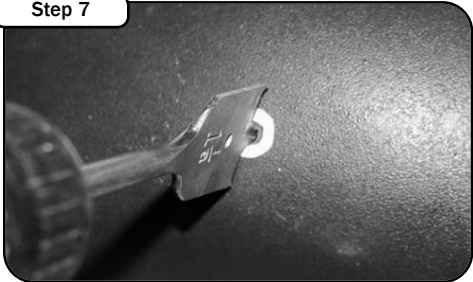
Using the #12 clamp and supplied vent elbow, secure onto the air injection hose.



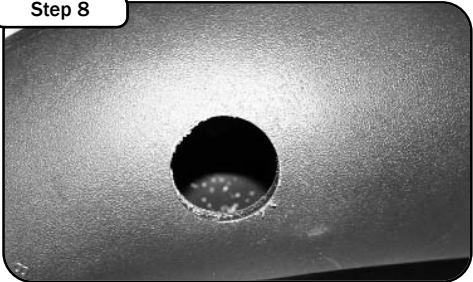
Position the elbow so it sits inline under the intake tube. Mark the center of the location.



Now with the center marked, remove the aFe intake tube.



Using a 1 3/8" spade bit drill out a hole where you made your mark.



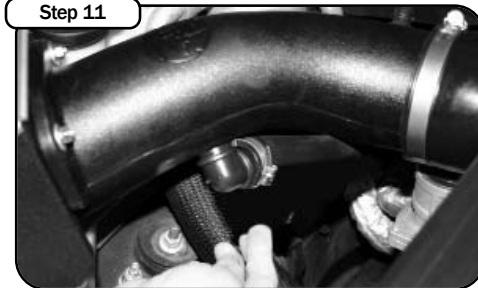
Remove the debris from the intake tube.



Insert the grommet so that its sits securely in the hole.



This is a sample photo of how the elbow should be inserted into the aFe intake tube.



Now that your hole is drilled re-install the aFe intake tube and insert the elbow. Your installation is now complete. Make sure you tighten all clamps and check all electrical connections. Re-check periodically.