

# AIR AID®

## INTAKE SYSTEMS

### #201-126-1 INSTALLATION INSTRUCTIONS

### 02-05 Chevy Trailblazer/GMC Envoy/Oldsmobile Bravada 4.2L

### 2004 Rainer 4.2L

Thank you for purchasing the Airaid Intake System. Please read the instruction manual carefully before proceeding with the installation. Contact Airaid @ (800) 498-6951 8:00 AM - 5:00 PM MST weekdays for questions regarding fit or instructions that are not clear to you. Your Airaid Intake System was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping. If any parts are missing, contact Airaid. The air filter element is protected from direct exposure to water and debris; care should be taken not to drive through deep water. WATER INGESTION IS THE DRIVERS RESPONSIBILITY! The air filter is reusable and should be cleaned using the Airaid Filter Tune-Up Kit periodically.

*Thank you for selecting Airaid.*



#### Packing List:

701-450	Airaid Premium Filter	1
KIT126DC	Air Dam Assembly	1
KIT126T	Plastic Intake Tube	1
KITWSTRIP02	Weather Strip 21½"	1
KITHUMPHS03	Urethane Hump Hose	1
KITGRMT07	Grommet Plug (In Tube)	1
KIT1261HPS	Hardware Pack	1
- KIT60C250HCS	M6-1x25 Hex Bolt	3
- KIT25C62HCSS	¼-20 x 5/8" Hex Bolt	2
- KIT09FWZ019	3/16" Flat Washer	3
- KIT09LWZ025	3/16" Lock Washer	2

#### Packing List (Cont'd):

- KITHS60	#60 Hose Clamp	2
- KITGRMT06	Grommet	1
- KITFITTING06	Hose Fitting Adapter	1
- KITGRMT03	Rubber Grommet	1

#### Tools Required for this Installation:

Flat Head Screwdriver  
 Phillips Head Screwdriver  
 10mm Nut Driver  
 7/16" Wrench



# ***Installation Instructions. Read Me!***

## **I DISCONNECT NEGATIVE (-) BATTERY CABLE**

## **II Remove Factory Intake Assembly**

- a) Using a Phillips head screwdriver, loosen the three screws holding the factory air box lid in place and remove. **See Fig#1** (*Note: Bottom air box section will remain in place.*)
- b) Using a flat blade screwdriver, carefully remove the air temperature sensor from the factory intake tube. **See Fig#2** (*Note: Retain parts for later use*)
- c) **2004 Short Wheel Base Only.** Grasp and firmly squeeze the air injection connector as shown and remove. **Fig#3**
- d) Loosen the hose clamp on the engine side of the factory intake tube using a flat head screwdriver.
- e) Remove the factory intake tube and stock air filter while leaving the lower air box section in place. **See Fig#4** (*Hint: lower air box section is also the windshield washer fluid reservoir*)

## **III Assemble the Airaid Intake System**

- a) Insert the supplied rubber grommet along with the retained factory air temperature sensor into the small hole located on the rear of the curve on the Airaid tube. **See Fig#5**
- b) **2004 Short Wheel Base Only.** Insert the large rubber grommet and hose connector adapter into the hole located on the under side section of the Airaid intake tube. **See Fig#6 & 7** Use the plug grommet for all other vehicles without air injection.
- c) Assemble the Airaid intake tube and air dam with the supplied ¼” bolts and washers **Refer to Fig#8**
- d) Slide the Airaid urethane hump hose and supplied hose clamps over the curved end of the Airaid intake tube. **Refer to Fig#7**

## **IV Install the Airaid Intake System**

- a) Place the complete Airaid intake assembly into the engine compartment and align. **Refer to Fig#9**
- b) Position the Airaid cool air dam assembly on top of the windshield washer fluid reservoir using the hardware provided. **See Fig#9** (*Note: leave hardware loose for later adjustment*)
- c) Mount the Airaid Premium air filter onto the end of the tube and tighten the hose clamp. **Refer to Fig#9**
- d) Slide the Airaid urethane hump hose and hose clamps over the factory air box located on the top of the engine. Make sure there is an adequate amount of urethane hose covering both the Airaid intake tube and air box. **See Fig#9**
- e) **2004 Short Wheel Base Only.** Reconnect the air injection connector **Fig#10** and the air temperature sensor connector. **Fig#11**
- f) Check alignment of complete air dam assembly and tighten remaining hose clamps and fasteners.
- g) Install weather strip on air dam. **Refer to Fig#9** (*Hint: Start from one corner of the air dam and press the weather strip firmly onto the panel while working your way out to each end of the air dam. This will insure that the weather strip is installed correctly and allow for ease of installation*)

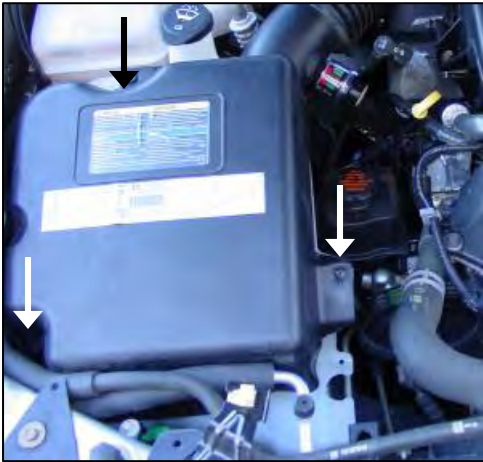
## **VI Finishing Up**

- a) Make sure that the intake path is clear of all debris!
- b) Check alignment of the Airaid intake tube and tighten all clamps, brackets, nuts & bolts.
- c) Inspect your overall work and check for clearance between air dam assembly and the hood.
- d) Re-connect the negative battery cable.



# References

FIG#1



FIG#2



FIG#3



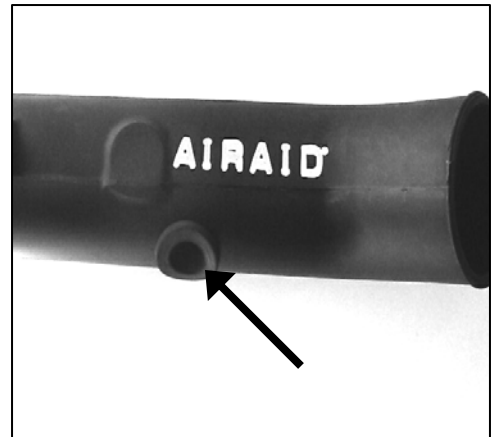
FIG#4



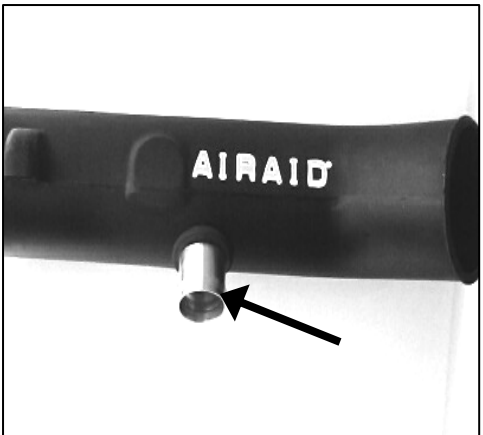
FIG#5



FIG#6



FIG#7



FIG#8



FIG#9





FIG#10



FIG#11



*SynthaMax*

**Do Not Oil**

Synthamax Air Filters do not require oil. Service air filter as needed by cleaning with common non-petroleum all-purpose household cleaner and water. Simple Green®, Formula 409® or equivalent works great. Apply cleaner to outside of air filter and allow to soak. Then flush filter clean from the inside out with a garden hose and repeat steps if necessary. Do not apply high pressure water or air to clean filter. Allow filter to air dry and reinstall.

*Before*



*After!*



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