



## Installation Instructions Part Number 200-630-1

2008-13 Buick Enclave  
 2013 Cadillac ATS  
 2008-13 Cadillac CTS  
 3.0&3.6L  
 2008-09 Chevrolet Equinox Sp.  
 2008-11 Chevrolet Malibu  
 2008-11 Chevrolet Traverse  
 2008-13 GMC Acadia  
 2008-09 Pontiac G6 GXP  
 2008-09 Pontiac G8  
 2008-09 Pontiac Torrent GXP  
 2008-09 Saturn Outlook  
 2008-09 Saturn Vue XR  
 2008-09 Suzuki XL7  
 3.6L V6

Thank you for purchasing the Poweraid Throttle Body Spacer. 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 Poweraid Throttle Body Spacer was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping. If any parts are missing, please contact AIRAID.

### Parts List

#1	Poweraid Spacer	x1
#2	6mmx50mm Bolt	x4
#3	6mm Flat Washer	x4
#4	Fiber Gasket	x2

### Tools Required For Installation

5/16", 10mm Socket

These instructions depict an installation being performed on a typical application and is meant to be a guide for all makes and models listed. While specific details may vary from vehicle to vehicle, the general install procedure remains the same.



#### 1. Disconnect the negative battery cable!

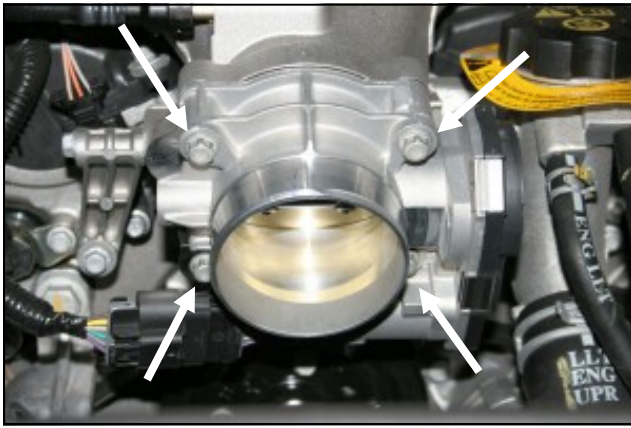
Remove the oil fill cap and set it aside.

Lift straight up on the front of the engine beauty cover and set it aside.

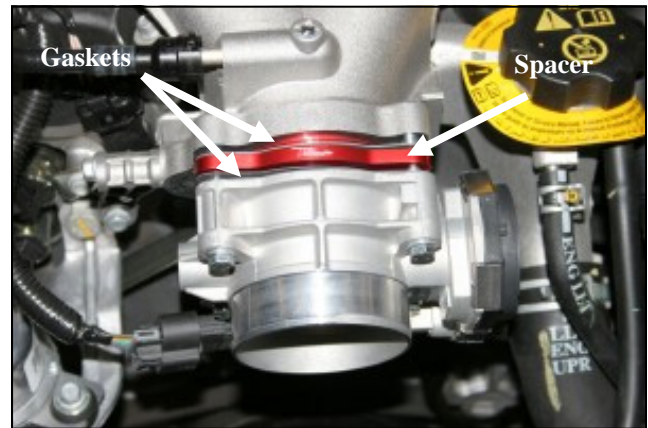
Reinstall the oil fill cap after the beauty cover has been removed to prevent any foreign material from entering the crankcase.



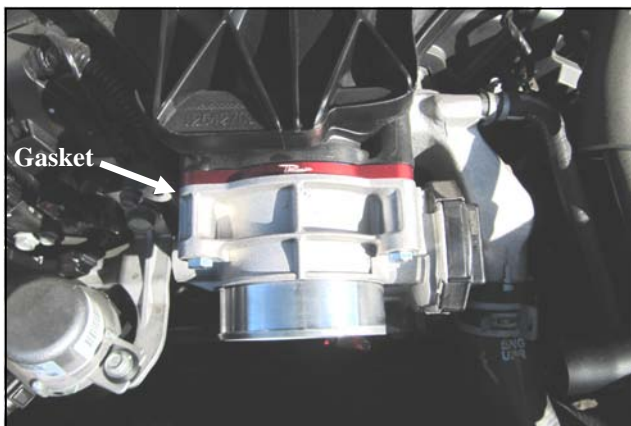
2. Disconnect the breather hose elbow at the hard plastic breather tube. Loosen the two hose clamps that secure the intake tube to the throttlebody, and the air cleaner lid. Remove the air intake tube.



**3.** Remove the four bolts that secure the throttlebody to the intake manifold. *Note that the lower passenger side bolt secures a metal bracket holding a wiring connector. Make sure to re-mount this bracket in the same location in step #4.*



**4.** Install the Poweraid Spacer between the throttlebody and the intake manifold with the first supplied gasket next to the intake manifold, and the second supplied gasket next to the throttlebody as shown. Install the provided bolts and washers thru the throttlebody and the Poweraid Spacer and tighten to the vehicle manufacturer's specifications. *\*Note: Poweraid spacer must be installed with bore protruding into intake manifold away from throttle body. Incorrect installation will hinder performance. Reference picture below for spacer orientation.*



**5.** Vehicles equipped with plastic intake manifolds have an O ring pressed into the throttle body mounting surface. On these applications only a single gasket is to be used between the spacer and the throttle body. Discard the second gasket.



**6.** Reinstall the intake tube, tighten the two hose clamps, and reconnect the crankcase breather tube. Reinstall the beauty cover, and oil cap in the reverse order that they were removed.  
**Re-connect the negative battery cable!**

***The sound of power...The "whistle" means its working!***



**Example of proper spacer installation. Spacer must protrude into intake manifold and away from throttle body.**

Instructions Revision  
7.08.16

Contact your nearest Airaid dealer for an Airaid Intake System for your car, truck or SUV.

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