



**Installation Instructions**  
**Part Number: 200-612-P**  
**Poweraid Spacer With**  
**Powerport For Most 99-02**  
**GM Trucks and SUVs W/**  
**4.8L,5.3L,6.0L Gas Engines &**  
**2004 GTO 5.7L**



**Parts List**

#1	Poweraid Spacer	x1
#2	6mmx55mm Bolts	x3
#3	6mm Flat Washers	x3
#4	Fiber Gasket	x2
#5	Linkage Plates	x3
#6	6mmx16mm Screws	x3
#7	1/16" NPT Fitting	x1
#8	1/16" NPT Plugs	x2

**Tools Required For Installation**

- 4mm & 10mm Socket
- 5/16" Socket
- Ratchet and Extension
- 5/32" Allen Wrench

Photo shown with other manufacturer's products

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.

\* **Optional:** Included in the hardware pack is (1) 3/16" vacuum fitting, this may be used for a vacuum gauge. If PowerPorts are utilized, install necessary fittings before installing spacer on vehicle. Other 1/16" NPT fittings may be installed, such as power adders.

***Thank you for selecting AIRAID.***



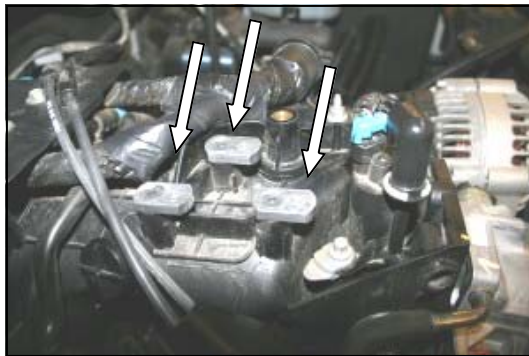
1. **Disconnect the negative battery cable!**  
 Loosen one bolt and remove the beauty cover. Pry the tube from the clamp on the radiator hose. Loosen the hose clamps on each end of the intake tube and remove the tube.



2. Using a 10mm socket, remove three nuts on the throttle body.



3. Using a 4mm socket, remove the three studs that hold the throttle body to the intake manifold. No need to remove the throttle body, leave it hang where it is.

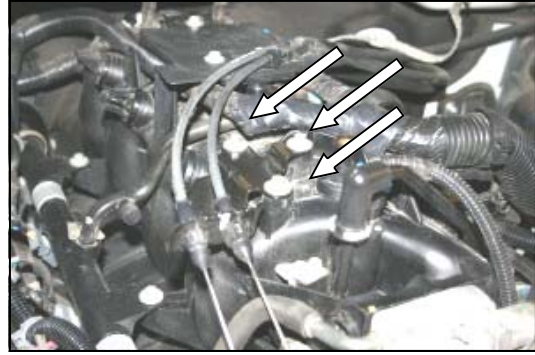


5. Install the three linkage plates (#5) with the three flat head screws (#6) as shown, pointing towards the front of the vehicle.



7. Re-install the bolts from step #4 into the three linkage plates. Some adjusting of the linkage plates may be required.

*The Sound of Power.... The "Whistle" means it's working!*



4. Using a 5/16" socket, remove and save the three bolts that hold the throttle cable bracket to the intake manifold.



6. Make sure the direction of the airflow is correct on the Poweraid Spacer (#1), then with the gasket (#4) on the throttle body side, slide the Poweraid between the throttle body and the intake manifold. Install the top bolt (#2) and washer (#3) first, then the two bottom bolts and washers.

8. Inspect & test the throttle linkage for full open and closed travel before driving. Some cruise and kickdown cables may require adjustment. Please refer to vehicles service manual for proper adjustment.

9. Re-install the intake tube and beauty cover. Refer to step #1.

10.. **Re-connect the negative battery cable!**

**Please refer to a nitrous oxide manufacturer for proper application for your vehicle. Be sure to follow the manufacturer's instructions and warnings when using nitrous oxide.**

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

Instructions Revision  
11/08/06

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