



Installation Instructions

Part Number 200-617

Poweraid Spacer For

2007-13 Chevrolet Silverado 1500

Tahoe / Avalanche

2007-13 Chevrolet Suburban

2007-13 GMC Sierra 1500

2007-13 Yukon / Yukon XL / Denali

2007-13 Cadillac Escalade / ESV / EXT
4.8L, 5.3L, 6.0L, 6.2L



Parts List

| | |
|-----------------------------|-----|
| AIR-KIT617PA Aluminum Plate | (1) |
| AIR-KIT617G Gasket | (1) |
| AIR-KIT617H Hardware | |
| 6mmx70mm Bolts | (4) |
| 6mm Flat Washers | (4) |
| 1" Extension Plate | (1) |
| 6mm Flat Head Bolt | (1) |

Tools Required For Installation

10mm Deep Socket

4mm, 5/16" Sockets

5/32" Allen Wrench

Thank you for purchasing the PowerAid Throttle Body Spacer. Please read the instruction manual carefully before proceeding with the installation. Your PowerAid Throttle Body Spacer was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping.

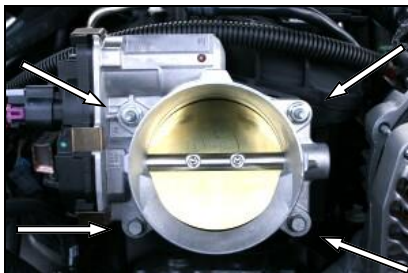
Note: Poweraid Spacer part #200-617 DOES NOT fit GM 2500/3500 trucks with mechanical fan. Use Poweraid Spacer part # 200-606 for GM 2500/3500 trucks.



1. **Disconnect the negative battery cable!**
Lift up on the front of the and beauty cover and remove it from the vehicle. Push down on the radiator hose, and separate the tube from the plastic clamp.



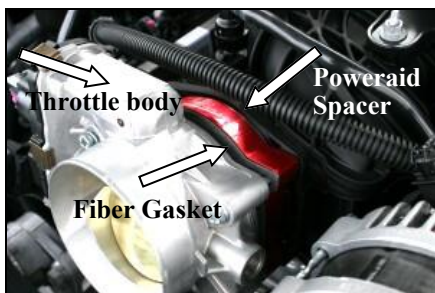
2. Disconnect the breather tube from the intake tube, by gently pulling towards you. An O-ring is all that holds it in place. Next loosen the hose clamp on the intake tube at the throttle body, and at the Mass Air Sensor, and remove the tube from the vehicle.



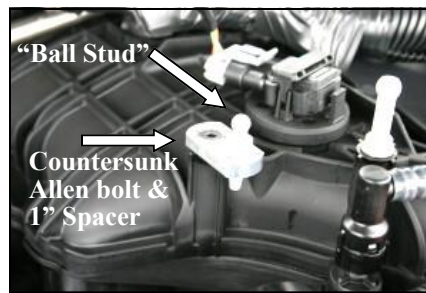
3. With a 10mm socket remove the two nuts, and the two bolts that hold the throttle body to the intake manifold. Without disconnecting the wiring harness, set the throttle body aside.



4. Using a 4mm socket, remove the two studs that held the throttle body to the intake manifold.



5. Install 2 of the supplied bolts (#2) and washers (#3) thru the two holes in the top of the throttle body, thru the supplied fiber gasket (#4), thru the Poweraid Spacer, and into the two brass inserts in the intake manifold. Run the bolts in a few threads with your fingers. Use caution not to cross-thread the bolts. Next install the 2 remaining bolts (#2) and washers (#3) in the two bottom holes of the throttle body, and tighten in a cross pattern to the vehicle manufacturer's specifications.



6. Remove the "ball stud" from the top of the intake manifold, insert the countersunk Allen bolt (#6) thru the countersunk hole in the provided 1" spacer plate (#5). Thread the countersunk bolt into the hole where you removed the "ball stud", face the spacer towards the front of the vehicle, and tighten the countersunk Allen bolt. Next thread the "ball stud" into the forward hole in the 1" spacer and tighten.



7. Remove the factory grommet from the intake tube.



8. Install the grommet from step #7 on the "ball stud", with the small diameter facing up as shown.



9. Re-install the intake tube using caution to center the intake tube hole over the previously installed grommet. Some adjustment may be required to seat the grommet correctly back into the intake tube. Tighten the hose clamps on the tube. Re-connect the breather tube. Re-install the plastic holder from step #1. Re-install the beauty cover.
Re-connect the negative battery cable!

Thank you for purchasing the Poweraid Throttle Body Spacer. Please read the instruction manual carefully before proceeding with the installation. 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.



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

Rely on premium performance fuel system parts by Airaid if you're looking for quality and efficiency.