



**Installation Instructions**  
**Part Number 400-633**  
**Poweraid Spacer For**  
**2009-10 Ford F-150**  
**4.6L3-V**



**Parts List**

#1	Poweraid Spacer	x1
#2	Gasket	x1
#3	6mm x 75mm Hex Bolts	x4
#4	6mm Flat Washers	x4

**Tools Required For Installation**

5/16", 10mm Sockets  
 Ratchet & Extension

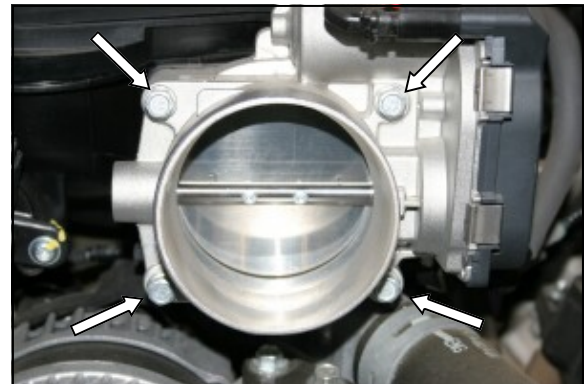
Thank you for purchasing the Poweraid Throttle Body Spacer. Please read the instruction manual carefully before proceeding with the installation. Contact AIRAID @ (800) 498-6951 8:00 AM - 5:00 PM MST Weekdays for questions regarding fit or instructions that are not clear to you. Your Poweraid Throttle 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.

*Thank you for selecting AIRAID.*

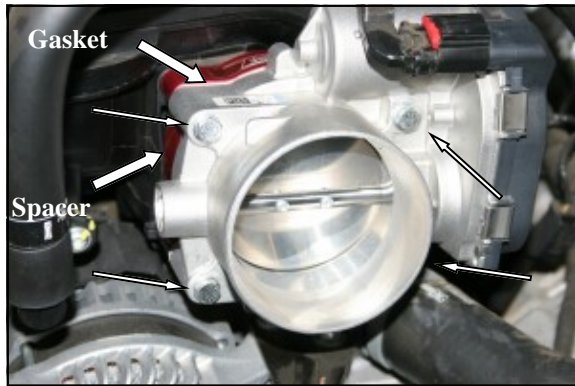


**1. Disconnect the negative battery cable!**

Disconnect the crankcase breather hose from the engine air intake tube by pushing on the green tab, and removing the hose from the nipple. Loosen the hose clamp that secures the intake tube to the throttle body, and the one that secures the intake tube to the airbox lid. Remove the intake tube and set aside for now.



**2.** Remove the four bolts from the throttle body, and remove the throttle body from the intake manifold, and set it aside. There's no need to disconnect the wiring harness.



3. Insert the four 6mm x 75mm bolts (#3) with washers (#4) thru the throttlebody, one gasket (#2), and thru the Poweraid Spacer (#1), and into the intake manifold. Tighten all four throttle body bolts evenly, to the manufacturer's specifications. **Do Not Over Tighten The Bolts!**



4. Re-install the factory intake tube onto the throttle body and the airbox lid, and tighten the hose clamps. Re-connect the breather hose to the factory intake tube. **Re-connect the negative battery cable!**

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

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



Instructions Revision  
02/11/10