



**Installation Instructions**  
**Part Number 450-638**  
**2011-14 Ford Mustang**  
**2011-13 Ford F-150**  
**5.0L V8**



**Parts List**

AIR-KIT638PA	Aluminum Plate	(1)
AIR-KIT638G	Gasket	(1)
AIR-KIT638H	Hardware	
	6mmx70mm Bolt	(4)
	6mm Flat Washer	(4)

**Tools Needed**

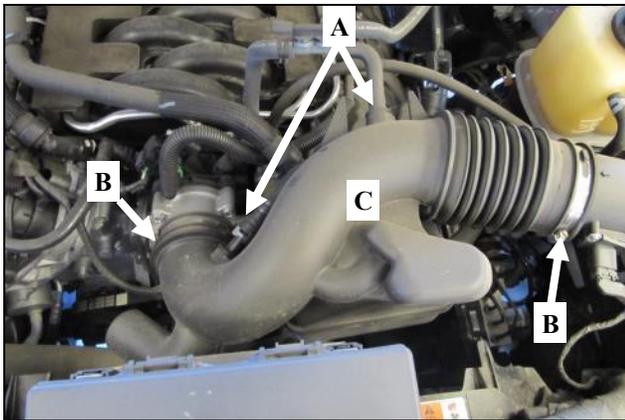
8mm, 10mm Socket  
 Ratchet and Extension

**THROTTLE BODY SPACERS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE AIRAID.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.**

**NOTE:** These instructions depict an installation being performed on a 5.0l F-150 and is meant to be a guide for all other makes and models listed. While some details may vary from vehicle to vehicle, the general install procedure remains the same.

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 you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

*Thank you for selecting AIRAID.*



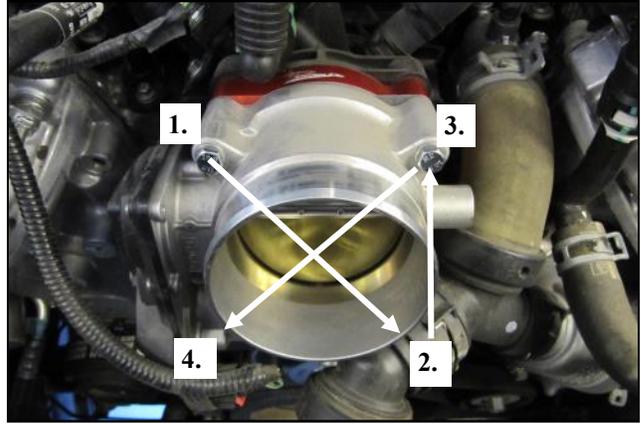
**1. Disconnect the negative battery cable!**

- A.) Disconnect the breather line or lines, from the factory intake tube.
- B.) loosen the clamps securing the intake tube to the throttle-body and the airbox.
- C.) Remove the Factory intake tube and set aside.

- 2. Remove the four bolts that secure the throttlebody to the intake manifold and set them aside. They will not be reused.



3. Install the Poweraid Spacer between the throttlebody and the intake manifold with the supplied gasket next to the throttlebody as shown. Make sure the "flow" arrow that is printed on the spacer is pointing towards the intake manifold.



4. Insert the provided bolts with washers through the throttlebody, gasket, and Poweraid Spacer and tighten them in an "X" Pattern.



5. Reinstall the intake tube, tighten the two hose clamps, and reconnect the breather line or lines.

**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.

AIR-I45638D

Instructions Revision  
5.8.18