



400-531 INSTALLATION INSTRUCTIONS
2004-2010 Ford F-150 5.4L
2010 Ford SVT Raptor 5.4I
2005-2010 F-250, F-350 5.4L
2005-2010 Ford Expedition 5.4L
2006-08 Lincoln Mark LT 5.4L

The C.A.R.B. E.O. number for this spacer includes the 2004-2009 model years only. All others are pending.

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.



Parts List

- (1) Power Plate
- (1) O-ring
- (8) 6mm x 45mm Hex Bolts
- (8) 6mm Flat Washers
- (4) Spacers- 3/4"OD, 1/4"ID, 5/16"OAL

Tools List

- 5/16" Socket
- 10mm Socket
- Ratchet & Extension

Installation Instructions. Read Me!

1. **DISCONNECT NEGATIVE (-) BATTERY CABLE.**
2. Remove air intake air box assembly.
3. Remove (4) bolts from throttle body. **(Ref. "A")**
4. Install "O" ring into groove of power plate.
5. Install power plate (o-ring side up) using (4) 6mm x 45mm bolts and (4) 6mm flat washers. **(Ref. "A")**
6. Reinstall air intake air box assembly using (4) Spacers (3/4"OD, 1/4"ID, 5/16"OAL), (4) 6mm x 45mm bolts, and (4) 6mm flat washers. **(Ref. "B") (Note: 2009-2010 Models: Reuse The Factory Bolts)**
7. Inspect & Test throttle linkage for full Open & Closed travel before driving. Some cruise or kickdown cables may require adjustment. Please refer to your vehicles service manual for proper adjusting. * Electronic throttle requires no adjustment

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

Included with your Poweraid Spacer is a sticker with a California Air Resources Board (C.A.R.B.) Executive Order (EO) number. This sticker must be placed in plain view inside of the engine compartment. Failure to do so may prevent you from passing a smog inspection.

Ref. "B"- (4) 6mm x 45mm Hex Bolts
(4) 6mm Flat Washers
(4) Spacers— 3/4"OD, 1/4"ID, 5/16"OAL

Ref. "A"- (1) Power Plate
(1) "O"-ring
(4) 6mm x 45mm Hex Bolts
(4) 6mm Flat Washers

