



## # 400-507 INSTALLATION INSTRUCTIONS 01-03 Ford Ranger/Explorer SportTrac 4.0L SOHC \*

**\* For vehicles built on or after 7-25-2000**

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.

*Thank you for selecting AIRAID.*



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.

### **Parts List**

|              |                          |     |
|--------------|--------------------------|-----|
| AIR-KIT507PA | Aluminum Plate           | (1) |
| AIR-KIT507H  | Hardware                 |     |
|              | Small O-ring             | (1) |
|              | Large O-ring             | (1) |
|              | 1/4" x 2 1/2" Lag Screws | (4) |
|              | 1/4" Flat Washers        | (4) |
|              | Extension Plates         | (2) |
|              | 6mm x 12mm Screws        | (2) |

### **Tools List**

1/4" Socket  
7/16" Socket  
Ratchet  
Standard Screwdriver  
5/32" Allen Wrench

## ***Installation Instructions. Read Me!***

1. DISCONNECT NEGATIVE (-) BATTERY CABLE.
2. Remove throttle body intake cover.
3. Remove air intake hose assembly.
4. Remove (4) bolts from the throttle body.
5. Remove throttle linkage bracket and save screws. (Ref. "B" & "C")
6. Install power plate with (2) "O"-rings in place using (4) lag screws & (4) 1/4" washers. (Ref. "A")
7. Install throttle linkage bracket using linkage plate extenders as shown (Ref. "B" & "C") using 6mm x 12mm flat head screws and saved screws in (Step #5).
8. 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.
9. Reinstall air intake hose assembly (Step #2).
10. Install throttle body intake cover. \* **Please Note: Make a cutout for the cruise control cable.** (Ref. "D")
11. Reconnect negative battery cable. Enjoy!

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

**Ref. "C"**- (1) Extension Plate  
(1) 6mm x 12mm Flat Head Screw



**Ref. "B"**- (1) Extension Plate  
(1) 6mm x 12mm Flat Head Screw



**Ref. "A"**- (1) Power Plate  
(2) "O"-rings  
(4) 1/4" x 2 1/2" lag screws  
(4) 1/4" Flat Washers

**Ref. "D"**- Clearance cutout for Cruise Con-

