



## # 310-510 INSTALLATION INSTRUCTIONS 1991-1999 Jeep TJ, XJ, YJ 4.0L

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.*



**\* Also available for your Jeep Cherokee/  
Wrangler– the AirAid Intake System.  
Call for details!**

### **Parts List**

- (1) POWER PLATE
- (2) GASKET
- (4) BOLTS 6MM X 50MM
- (4) WASHERS
- (3) BOLTS 6MM X 40MM
- (3) SPACERS 1"

### **Tools List**

10 mm Socket or Wrench

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

- 1. DISCONNECT NEGATIVE (-) BATTERY CABLE.**
- Remove throttle body air intake assembly.
- Remove (4) bolts from throttle body (Ref. "A").
- Remove gasket and clean surfaces.
- Install Power plate with (2) gaskets (Ref. "B").
  - One gasket located between throttle body and power plate.
  - One gasket located between power plate and manifold.
- Replace (4) bolts (Ref. "A") using (Step # 3) as an example.
- Locate and install (3) spacers under linkage bracket (Ref. "C") using (3) 6mm x 40mm bolts.
- Inspect & Test throttle linkage for full open & closed travel before driving.  
Some cruise or kick down cables may require adjustment. Refer to service manual.
- Reinstall throttle body air intake assembly using (Step # 3) as an example.
- Double check your work. Reconnect the battery cable. ENJOY!!

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

**Ref. C-** (3) Spacers 1"  
(3) 6mm x 40mm Bolts



**Ref. A-** (4) Bolts 6mm x 50mm  
(4) Washers 6mm

**Ref. B-** PowerAid Plate  
(2) Gaskets