



## # 310-506 INSTALLATION INSTRUCTIONS 02-03 Jeep Liberty 3.7L

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 for your 02-03 Jeep Liberty 3.7L; the AirAid Premium Stock Replacement Filter, p/n 850-233. Call for details!

### **Parts List**

- (1)- Power Plate
- (1)- "O" Ring #238
- (2) 1/4"ID x 3/4"OD x 1/4" O.A.L. Spacers
- (1) Throttle Cable Bracket
- (2) 3/8"ID x 3/4"OD x .136 O.A.L. Spacers
- (1) Nutplate with 3/8-16" threads
- (2) 3/8-16" x 1" Hex head bolts

### **Tools List**

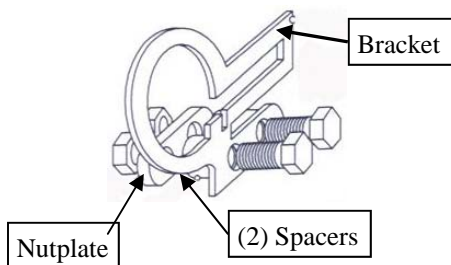
- 14mm Socket
- Flat Head Screwdriver

## Installation Instructions. Read Me!

1. **DISCONNECT NEGATIVE (-) BATTERY CABLE.**
2. Remove air intake hose assembly.
3. Remove throttle body air intake box.
4. Remove (3) bolts from the throttle body and save.
5. Unclip throttle & cruise cables. Remove from manifold and throttle lever.
6. Install furnished throttle & cruise cable bracket and tighten bolts. (Ref. "B")
7. Install both throttle & cruise cables thru reinforcement ring of throttle cable bracket. Slide and lock both plastic cable retainers into slot separately.
8. Install "O" ring into groove of power plate.
9. Install power plate using (3) saved bolts. (Ref. "A" and Step 4)
10. Reattach cruise and throttle cables to throttle body lever.
11. Remove (2) torque screws and reinstall with (2) 1/4" thick spacers. (Ref. "C")
12. Inspect & Test throttle linkage for full Open & Closed travel before driving. Some cruise and kick down cables may require adjustment. Please refer to your vehicles service manual for proper adjustment.
13. Reinstall throttle body air intake assembly using (Step 3) as an example.
14. Reconnect battery cable. Enjoy!

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

### ASSEMBLY DETAIL (Ref. "B")



**Ref. "B"**- (1) Throttle Cable Bracket  
(2) 3/8 I.D x3/4 O.D. x .136 O.A.L. Spacers  
(1) Nutplate with 3/8-16" threads  
(2) 3/8-16" x 1" Hex Head Bolts

**Ref. "C"**- (2) 1/4x3/4x1/4 Spacers



**Ref. "A"**- (1) Power Plate  
(1) O-ring #238  
(3) Saved Bolts

