



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. 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.



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

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-KIT506PA | Aluminum Plate | (1) |
| AIR-KIT506H | Hardware | |
| | "O" Ring #238 | (1) |
| | 1/4" ID x 3/4" OD x 1/4" Spacers | (2) |
| | Throttle Cable Bracket | (1) |
| | 3/8" ID x 3/4" OD x .136 Spacers | (2) |
| | Nutplate with 3/8-16" threads | (1) |
| | 3/8-16" x 1" Hex head bolts | (2) |

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

Tools List

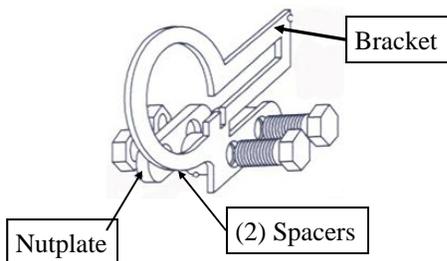
14mm Socket
Ratchet
Flat Head Screwdriver

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

