



## # 310-508 INSTALLATION INSTRUCTIONS 2004 -06 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.

*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-KIT508PA	Aluminum Plate	(1)
AIR-KIT508H	Hardware	(1)
	"O" Ring #238	(1)
	Throttle Cable Bracket	(1)
	3/8" ID x 3/4" OD x .636 Spacers	(2)
	Nutplate with 3/8-16" threads	(1)
	3/8-16" x 1 1/2" Hex head bolts	(2)
	6mm x 50mm Hex Head Bolts	(3)
	6mm Flat Washers	(3)

### Tools List

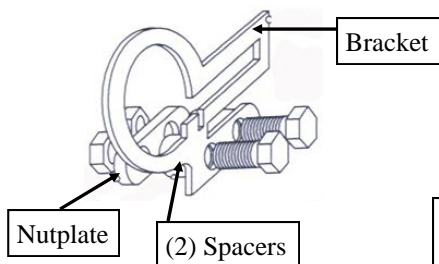
Flat Head Screwdriver
14mm Socket
10mm Socket
8mm Socket
Ratchet & Extension

## *Installation Instructions. Read Me!*

1. **DISCONNECT NEGATIVE (-) BATTERY CABLE.**
2. Remove throttle body air intake.
3. Remove (3) bolts from the throttle body.
4. Unclip throttle & cruise cables and remove from manifold and throttle lever.
5. Install furnished throttle & cruise cable bracket and tighten bolts. (**Ref. "B"**)
6. Install both throttle & cruise cables thru reinforcement ring of throttle cable bracket. Slide and lock both plastic cable retainers into slot separately.
7. Install "O" ring into groove of power plate.
8. Install power plate using (3) 6mm x 50mm bolts and washers. (**Ref. "A" & Step 4**)
9. Reattach cruise & throttle cables to throttle body lever.
10. 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.
11. Reinstall throttle body air intake assembly using **Step 2** as an example.
12. Reconnect negative 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 ID x 3/4 OD x .636 Spacers  
(1) Nutplate with 3/8-16" threads  
(2) 3/8-16"x 1 1/2" Hex Head Bolts



**Ref. "A"**- (1) Power Plate  
(1) O-ring #238  
(3) 6mm x 50mm Bolts  
(3) 6mm Flat Washers

