



300-573 INSTALLATION INSTRUCTIONS 2003-07 Dodge Ram 4.7L

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 available for your 2003-05 Dodge Ram 4.7L- the Airaid Intake System P/N 300-125-1 and the Modular Intake Tube P/N 300-925-1. Call for details!**

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

- 1- Power Plate
- 1-"O" Ring
- 3- Bolts 6mm x 60mm
- 3- Flat Washers 6mm
- 2- Extension Plates (1 in.) with 6mm Threads
 - 2- Flat Head Screws 6mm x 20mm
 - 1- Air Box Flange Nut
 - 1- Air Box Support Plate
- 1- 5/16-18 x 1 1/2" Flat Head Screw
- 1- Cable Bracket
- 2- Spacers 3/8 I.D. x 3/4 O.D. x .636 Long
 - 2- Hex Head Bolts 3/8-16 x 1 1/2"
 - 1- Nutplate with 3/8" Threads

Tools List

- 1/4 in. Ratchet
- 1/4 in. x 12 in. Extension
- 10mm Socket
- 14mm Socket
- 14mm Box End Wrench
- 3/16 Allen Wrench
- 5/32 Allen Wrench
- 7/8 Box End Wrench

Installation Instructions. Read Me!

1. **DISCONNECT NEGATIVE (-) BATTERY CABLE.**
2. Remove air intake hose assembly.
3. Remove throttle body air intake box and save bolts.
4. Remove (3) bolts from the throttle body.
5. Unclip throttle & cruise cables from manifold and throttle lever.
6. Install power plate using (3) 6mm x 60mm bolts and flat washers (REF. "A").
7. Assemble cruise and throttle bracket, putting the (2) 3/4 inch spacers on the back side between the bracket and nutplate.
8. Install throttle & cruise cable bracket and tighten bolts (REF. "C").
9. Install both throttle & cruise cables thru reinforcement ring of throttle cable bracket.
 - a. Reattach cables to throttle body lever. * **1st cruise cable then throttle cable.**
 - b. Slide and lock both plastic cable retainers into slot separately.
10. Locate (2) extension plates using (2) flat head screws to reposition throttle body intake box using saved bolts (REF. "D" step 3).
11. Install air box support plate using flange nut and 5/16" flat head screw (REF. "B").
12. Inspect & Test throttle linkage for full open and closed travel before driving. Some cruise and kickdown cables may require adjustment. Refer to your vehicles service manual for instruction.
13. Reinstall throttle body air intake assembly using (step 2) as an example. Reconnect Battery Cable.

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

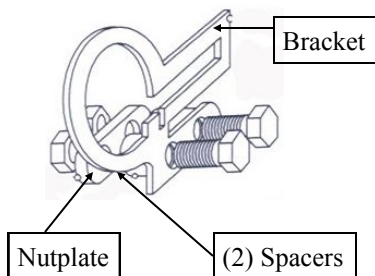


Ref. A- (1) Power Plate
 (1) "O" Ring
 (3) Bolts 6mmx60mm
 (3) Flat Washers 6mm

Ref. D- (2) Extension Plates (1 in.)
 (2) Flat Head Screws 6mm x 20mm

Ref. B- (1) Air Box Flange Nut
 (1) Air Box Support Plate
 (1) 5/16 x 1 1/2" Flat Head Screw

Throttle Cable Bracket "Detail"



Ref. C

(1) Throttle Cable Bracket
 (2) Spacers 3/4" Long with 3/8" Hole
 (2) Bolts 3/8-16 x 1 1/2"
 (1) Nutplate with 3/8" Threads

