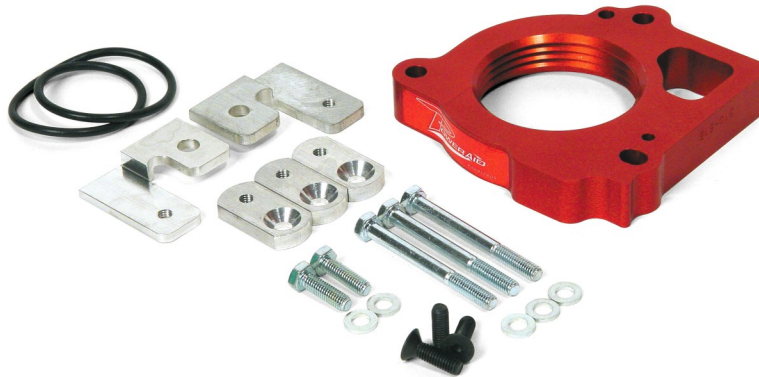




310-515 INSTALLATION INSTRUCTIONS 1999-2002 Jeep Grand Cherokee 4.7L

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 Jeep Grand Cherokee–
the Airaid Intake System P/N 310-127.
Call for details!**

Parts List

- (1)- Power Plate
- (1)- "O"-Ring #240
- (3)- Hex Bolts 6mm x 60mm
- (5)- Flat Washers 6mm
- (2)- Air Box Extension Plates
- (2)- Hex Bolts 6mm x 20mm
- (3)- Throttle Bracket Extension Plates (Special)
- (3)- Flat Head Screws 6mm x 20mm

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 assembly.
3. Remove throttle body intake box and save bolts.
4. Remove (3) bolts from throttle body.
5. Remove bolts from throttle linkage bracket and save.
6. Install power plate using (3) 6mm x 60mm bolts and flat washers (Ref. "A").
7. Locate (3) extension plates and (3) flat head screws before installing throttle linkage and dipstick bracket. (* Note: Remove stud from front throttle linkage mount.) Dipstick must be located under forward extension plate at flathead screw location (Ref. "B").
8. Locate (2) extension plates using (2) 6mm bolts & washers to reposition throttle body intake box using saved bolts (Step 2) & (Ref. "C").
9. Inspect & Test throttle linkage for full open and closed travel before driving. Some cruise or kick-down cables may require adjustment. Please refer to service manual.
10. Reinstall throttle body air intake assembly using (Step 1) as an example.
11. Reconnect battery cable. Enjoy!

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

Ref. B- (3) Extension Plates (Short)
(3) 6mm Flat Head Screws



Ref. C- (2) Air Box Extension Plates
(2) Bolts 6mm x 20mm
(2) Flat Washers 6mm

Ref. A- (1) Power Plate
(1) "O" Ring #240
(3) Bolts 6mm x 60mm
(3) Flat Washers 6mm



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