



400-516 INSTALLATION INSTRUCTIONS 2001-03 Ford F-150 4.2L XLT

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.



Parts List

- (1) Power Plate
- (1) "O" Ring #228
- (1) "O" Ring #213
- (3) 6mm x 55mm Bolts
- (1) 6mm x 2 3/4" Althread
- (2) 6mm Nuts
- (5) 6mm Washers
- (1) Throttle Cable Bracket
- (2) Spacers
- (2) 3/8-16" x 1 3/4" Bolts
- (2) 3/8" Flat Washers
- (2) 3/8-16" Nuts
- (1) Cover Bracket
- (1) 6mm x 12mm Bolt

Also available for your F-150 4.2L, the
AirAid Intake System, p/n 400-115.
Call for details!

Tools List

- 10mm Deep Well Socket
- 8mm Socket
- 10mm End Wrench
- 9/16" Socket
- 9/16" End Wrench

Installation Instructions. Read Me!

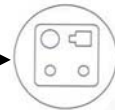
1. **DISCONNECT NEGATIVE (-) BATTERY CABLE.**
2. Remove air intake hose assembly.
3. Remove throttle body linkage cover.
4. Remove (4) bolts from the throttle body.
5. Unclip Throttle & Cruise cables from manifold and throttle lever.
6. Install power plate using (3) 6mm x 55mm bolts, (3) 6mm flat washers. Also (1) Althread, nut, and washer for the throttle body linkage cover. (**Ref. "A"**)
7. Install throttle & cruise cable bracket with (2) spacers, (2) 3/8" bolts, (2) 3/8" washers, and (2) 3/8-16" nuts. (**Ref. "B"**)
8. Install both throttle & cruise cables thru throttle cable bracket and reattach cables to throttle body lever.
9. Install throttle linkage cover bracket with 6mm bolt, nut, and washer. (**Ref. "C"**)
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 battery cable. Enjoy!

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

Ref. "A"- (1) Power Plate
(2) "O" Rings
(3) 6mm x 60mm Bolts
(4) 6mm Flat Washers
(1) 6mm x 2 3/4" Althread
(1) 6mm Nut



Ref. "B"- (1) Throttle Cable Bracket
(2) Spacers
(2) 3/8-16" x 1 3/4" Bolts
(2) 3/8" Flat Washers
(2) 3/8-16" Nuts



Ref. "C"- (1) Cover Bracket
(1) 6mm x 12mm Bolt
(1) 6mm Nut
(1) 6mm Washer

