



510-559 INSTALLATION INSTRUCTIONS 2003 Toyota 4Runner 4.0L

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) Gasket
- (4) 6mm x 75mm Hex Bolts
- (7) 6mm Flat Washers
- (3) 6mm x 20mm Hex Bolts
- (1) 6mm Hex Nut
- (2) Manifold Cover Extension Plates
- (1) Extension Plate (Special)

Tool List

- 10mm Socket
- Standard Screwdriver

Installation Instructions. Read Me!

1. **DISCONNECT NEGATIVE (-) BATTERY CABLE.**
2. Remove manifold cover and save bolts and nut.
3. Remove air intake hose assembly.
4. Remove throttle body bolts. (Ref. "B")
5. Remove throttle body and install power plate using (4) 6mm x 75mm hex bolts and (4) 6mm flat washers.
6. Install (2) manifold cover extension plates. (Ref. "C")
7. Install (1) special manifold cover extension plate. (Ref. "D")
* **Please Note:** (1) 6mm nut & (1) 6mm washer to attach special extension plate.
(1) 6mm x 20mm hex bolt & (1) 6mm washer to attach manifold cover to extension plate.
8. Inspect & Test throttle linkage for full Open & Closed travel before driving. Some cruise or kickdown cables may require adjustment. Please refer to service manual for proper adjustment instructions.
9. Reinstall air intake hose assembly. (Please refer to Step 3)
10. Reinstall manifold cover using saved bolts and (1) furnished 6mm x 20mm hex bolt.
11. Reconnect negative battery cable. Enjoy!

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

Ref. "C"- (2) Manifold Cover Ext. Plates
(2) 6mm x 20mm Hex Bolts
(2) 6mm Flat Washers



Ref. "B"- (4) 6mm x 75mm Hex Bolts
(4) 6mm Flat Washers

Ref. "D"- (1) Extension Plate (Special)
(1) 6mm x 20mm Hex
Bolts
(2) 6mm Flat Washers



Ref. "A"- (1) Power Plate
(1) Gasket