



## # 510-503 INSTALLATION INSTRUCTIONS 03-04 Toyota Tacoma 3.4L

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.*



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
- (2) Gaskets
- (2) 8mm x 90mm Bolts
- (2) 8mm x 110mm Bolts
- (4) 8mm Lock Washers
- (1) Linkage Bracket Plate
- (1) 10mm x 20mm Bolt
- (1) Extension Plate
- (1) 5/16"-18 x 3/8" Bolt

Also available for your 03-04 Toyota Tacoma, the Airaid Intake System p/n 510-134. Call today for details!

### **Tools List**

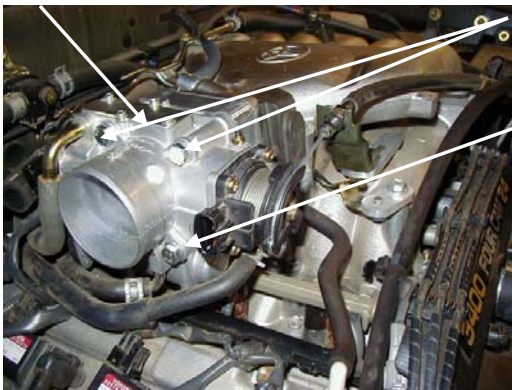
- 10mm,13mm,14mm,17mm Sockets
- 12 mm Deep Socket
- Ratchet & Extension
- 12mm Wrench

## ***Installation Instructions. Read Me!***

1. **DISCONNECT NEGATIVE (-) BATTERY CABLE.**
2. Remove throttle body air intake assembly.
3. Remove throttle linkage bracket and save 10mm bolt. (**Ref. "D"**)
4. Remove vacuum line clip from intake manifold and save 8mm bolt. (**Ref. "E"**)
5. Remove nuts and studs from the throttle body. (**Ref. "B" & "C"**)
6. Install power plate using (2) gaskets, (2) 8mm x 90mm bolts, (2) 8mm x 110mm bolts, and (4) 8mm lock washers. (**Ref. "A", "B", "C"**)
  - A. Place one gasket between the throttle body and power plate.
  - B. Place second gasket between the power plate and manifold.
7. Install throttle linkage plate using 10mm x 20mm bolt and reinstall throttle linkage bracket using saved 10mm bolt. (**Ref. "D"**)
8. Install extension plate using saved 8mm bolt (**Step 4**) and attach vacuum line clip to bottom side of extension plate using furnished 5/16"-18 x 3/8" bolt. (**Ref. "E"**) (A slight tube adjustment might be needed.)
9. Inspect & Test throttle linkage for full Open & Closed travel before driving. Some cruise or kick down cables may require adjustment. Please refer to your vehicles service manual for proper adjusting.
10. Reinstall air intake system using **Step 2** as an example.
11. Reconnect battery cable. Enjoy!

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

**Ref. "A"**- (1) Power Plate  
(2) Gaskets



**Ref. "B"**- (2) 8mm x 90mm Bolts  
(2) 8mm Lock Washers

**Ref. "C"**- (2) 8mm x 110mm Bolts  
(2) 8mm Lock Washers

**Ref. "D"**- (1) Linkage Bracket Plate  
(1) 10mm x 20mm Bolt

**Ref. "E"**- (1) Extension Plate  
(1) 5/16"-18 x 3/8" Bolt

