



## # 510-502 INSTALLATION INSTRUCTIONS 95-02 Toyota Tacoma/4Runner 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.*



Also available for your 99-02 Tacoma, the Airaid  
Intake System p/n 510-134.  
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
- (2) Gaskets
- (4) 8mm x 90mm Bolts
- (4) 8mm Lock Washers
- (1) Linkage Plate
- (1) 10mm x 20mm Bolt
- (1) Extension Plate
- (1) 8mm x 16mm Flat Head Screw
- (1) 8mm x 10mm Bolt

### **Tools List**

- 17mm Socket
- 13mm Socket
- 4mm Hex Key
- Standard Screwdriver

## ***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, and also linkage bracket used on some models. Save the 8mm bolt for models having a linkage bracket. (**Ref. "E"**)
5. Remove nuts and studs from the throttle body. (**Ref. "C"**)
6. Install the power plate using (2) gaskets, (4) 8mm bolts, and (4) 8mm lock washers. (**Ref. "A", "B", "C"**)
  - A. Install one gasket between the throttle body and power plate.
  - B. Install second gasket between the power plate and manifold.
7. Install throttle linkage plate using a 10mm x 20mm bolt and reinstall the throttle linkage bracket using saved 10mm bolt. (**Ref. "D"**)
8. Install extension plate using 8mm flat head screw and reinstall linkage bracket used on some models with saved 8mm bolt. Attach vacuum line clip to bottom side of extension plate using furnished 8mm bolt. (**Ref. "E"**)
9. Inspect & Test throttle linkage for full open & closed travel before driving. Some cruise or kickdown 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!***

