



200-552-P INSTALLATION INSTRUCTIONS 1998-2001 Chevy Cavalier/ Pontiac Sunfire 2.2L

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.

PowerAid with PowerPorts!



Please refer to a nitrous oxide system manufacturer for proper application for your vehicle.
Be sure to follow the manufacture's instructions & warnings when using nitrous oxide.

Parts List

- (1) Power Plate
- (2) Gaskets
- (4) 6mm x 60mm Hex Bolt
- (1) 6mm x 80mm Hex Bolt
- (5) 6mm Flat Washer
- (1) 3/4 inch long Spacer
- (1) 3/16 Vacuum Fitting

Tools List

- 8mm Socket
- 10mm Socket
- 4mm Allen Wrench

Installation Instructions. Read Me!

1. **DISCONNECT NEGATIVE(-) BATTERY CABLE.**
2. Disconnect air temperature sensor connector from intake hose assembly.
3. Using a 8mm socket, loosen hose clamps on intake hose assembly and air box on top of throttle body.
4. Using a 10mm socket, remove bolt mounting air box assembly on top of throttle body. Remove air box assembly.
5. Disconnect vacuum lines and electrical connectors from throttle body.
6. Using 10mm socket, remove (4) bolts mounting throttle body to intake manifold. Remove throttle body from intake manifold.
7. Clean sealing surface of throttle body and intake manifold being careful not to damage factory o-ring seal.
8. * **Optional:** Included in the hardware pack is (1) 3/16" vacuum line fitting; this may be used for a vacuum gauge. If Power-Ports are utilized, install necessary fittings before installing spacer on vehicle. Other 1/16" NPT fittings may be installed such as power adders. Refer to PowerPort section.
9. Install power plate by placing the part number facing the throttle body with one supplied gasket on top of the power plate.
* **Note:** Gaskets and spacer must be placed in correct orientation to line up with factory bolt holes.) (Ref. "A")
10. Install the (4) supplied bolts and washers in throttle body; tighten evenly. **DO NOT OVER TIGHTEN.** (Ref. "B")
11. Reconnect all electrical connectors and vacuum lines to throttle body.
12. Using 3/4 inch long spacer, bolt, and washer provided, reinstall the air box assembly. (Ref. "C")
13. Reinstall intake tube and tighten hose clamps.
14. Reconnect air temperature sensor connector to intake tube.
15. Inspect & Test throttle linkage for full Open & Closed travel before driving. Cables may require adjustment. Please refer to service manual for proper adjustment.
16. Reconnect negative battery cable. Enjoy!

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

Ref. C- (1) 3/4 inch long Spacer
(1) 6mm x 60mm Hex Bolt
(1) 6mm Flat Washer



Ref. B- (3) 6mm x 60mm Hex Bolts
(1) 6mm x 80mm Hex Bolt
(4) 6mm Flat Washers



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

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