

1200 Cfm 4 Barrel 4150 Billet Throttle Body
PCE138.1002
INSTALLATION METHOD FOR THROTTLE BODY



DANGER: A sticking throttle cable may result in uncontrolled engine or vehicle speed. This could cause property damage, personal injury, or death. A sticking throttle may be caused by improperly installed throttle cables, lack of clearance for any of the throttle linkage, or by a binding throttle linkage. Check all throttle cables for proper installation and alignment and actuate the throttle to check for any potential binding or clearance problems. Repair any problems before continuing.

THROTTLE BODY INSTALLATION

NOTE: Throttle body is designed to fit a 4150 style intake manifold.

1. Install throttle to manifold with 5/16 bolts.
2. Install the throttle linkage and external throttle return springs. External springs should be used in addition to the springs on the throttle body itself. Have an assistant get in the vehicle and fully depress the accelerator pedal. Make the necessary adjustments to the throttle linkage to insure that the throttle reaches wide-open position when the accelerator is depressed. Work throttle linkage back and forth several times to ensure that it operates smoothly with no binding or sticking.

NOTE: Unit uses a 1/4 thread for the air cleaner stud.

DANGER: Failure to attach the throttle return spring or a sticking throttle may result in uncontrolled engine or vehicle speed, which could cause personal property damage, serious injury, or death.

SENSOR, FITTINGS, AND LOCATIONS

1. MAP: LS style MAP sensor (Part Number: 12614970)
2. TPS: PCE366.1009 (Use PCE366.1010 when using PCE366.1009)
3. IAC: PCE108.1008
4. Two Vacuum Ports: 1/4 barbed fittings needed

(See Figures for Sensor Locations)

NOTE: Need PCE366.1010 to work with PCE366.1009.

NOTE: One of the vacuum ports may be used to run an external MAP sensor instead of using the MAP port. Tapping and plugging the MAP port will be needed.

NOTE: If needed, use one of the vacuum ports to run a brake booster.



Figure 1: IAC and two vacuum ports locations



Figure 2: MAP sensor location
Use OEM MAP sensor retaining clip



Figure 3: TPS location
Use PCE366.1010 with PCE366.1009