



Installation Manual

Universal Quad Throttle Body 1375 CFM

PFEQTB1000



Included Items	QTY
PFEQTB1000 Quad Throttle Body 4150/4500 Flange	1
PFEQTBTPS GM Throttle Position Sensor	1
PFEQTBIAAC GM Idle Air Control Motor	1
PFE841-04BK 1/8" NPT To 1/4" Barb Adapter	2

WARNING: PLEASE READ ALL INSTRUCTIONS BEFORE PROCEEDING. PROFLOW WILL NOT BE RESPONSIBLE FOR ANY DAMAGE AS A RESULT OF THE INCORRECT INSTALLATION OF THIS PRODUCT. IT IS RECOMMENDED THAT A QUALIFIED AUTOMOTIVE TECHNICIAN PERFORMS THIS INSTALLATION.

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Description:

The Proflow Performance quad throttle body is designed to fit any square bore 4150 or 4500 styled intake manifolds and has four 1.75" throttle blades. This unit includes a GM style throttle position sensor (TPS), idle air control (IAC) motor and two 1/4" barbed vacuum ports. It also features a progressive throttle linkage for a smooth throttle response transition upon opening.

Connector Information:

The following information gives the pin-out information for the IAC and TPS sensors:

Idle Air Control Motor (IAC)

- 1) A - Low
- 2) B - High
- 3) B - Low
- 4) A - High

Proflow connector PN: PFEFI-019

Throttle Position Sensor (TPS)

- 1) A - Signal Ground
- 2) B - 5 Volt Reference
- 3) C - Signal

Proflow connector PN: PFEFI-020

Typical Installation:

1. Install the throttle body to the manifold with the barbs facing towards the rear of the car.
2. The throttle lever for this throttle body is designed for a universal application so many throttle cables can be used. Ensure it is attached to the primary lever.
3. Once the throttle cable is attached to the linkage, have an assistant get in the vehicle and fully actuate the throttle controls. Make necessary adjustments to the idle screws to either let more or less air pass through for better idle stability.



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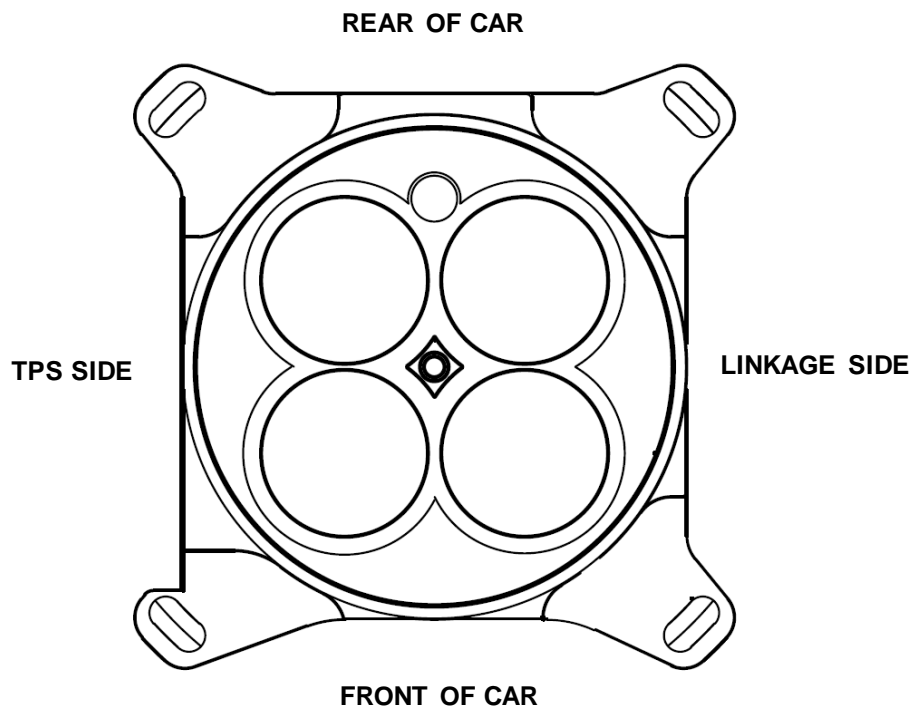
4. Work the throttle linkage back and fourth several times to sensure smooth operation with no binding or sticking. Ensure the throttle plates are vertical when the throttle control is wide open.

DANGER: A STICKING THROTTLE MAY RESULT IN UNCONTROLLED ENGINE OR VEHICLE SPEED. THIS COULD CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH. CHECK ALL THROTTLE CABLES FOR PROPER INSTALLATION AND ALIGNMENT AND ACTUATE THE THROTTLE TO CHECK FOR ANY CLEARANCE ISSUES BEFORE CONTINUING.

5. Install 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 levers to ensure that the throttle reaches wide open position when the accelerator is depressed. Ensure that the linkage levers still operate smoothly afterwards.

Additional Information:

If using 2 of these throttle bodies on a Proflow intake manifold, use part number PFEM6950 to connect the two throttle body linkages together, allowing them to operate simultaenously. Therefore, only one TPS sensor will need to be connected if necessary.



PROFLOW LIMITED WARRANTY

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This Proflow product is warranted to be free from defects in materials and workmanship for a period of one year from the original date of purchase. No warranty claim will be valid without authentic, dated proof of purchase. This warranty is to the original retail purchaser and none other and is available directly from Proflow and not through any point of distribution or purchase.