



# 70mm & 75mm THROTTLE BODIES

For 1991-2003 Ford Passenger Vehicles with 4.6/5.4L V8s  
Catalog #3871 (70mm), #3872 (75mm), #3873 (70mm), & #3874 (75mm)

## INSTALLATION INSTRUCTIONS

PLEASE study these instructions carefully before beginning this installation. Most installations can be accomplished with common tools and procedures. However, you should be familiar with and comfortable working on your vehicle. If you do not feel comfortable performing this installation, it is recommended to have the installation completed by a qualified mechanic. If you have any questions, please call our Technical Hotline at: 1-800-416-8628, 7:00 am - 5:00 pm, Pacific Standard Time, Monday through Friday or e-mail us at [edelbrock@edelbrock.com](mailto:edelbrock@edelbrock.com).

*NOTE: Proper installation is the responsibility of the installer. Improper installation may result in poor performance and engine or vehicle damage.*

PLEASE complete and mail your warranty card. Be sure to write the model number of this product in the "Part #\_\_\_\_" space. THANK YOU.

- DESCRIPTION: Designed for 1996-2003 Mustang GT, 1991-95 cars, and 1997-2003 truck models with modular 4.6/5.4L V-8 engines.  
#3871 - 70mm Throttle Body for 1996-2003 4.6L Car Models      #3873 - 70mm Throttle Body for 1991-1995 4.6L Car Models  
#3872 - 75mm Throttle Body for 1996-2003 4.6L Car Models      #3874 - 75mm Throttle Body for 1997-2003 4.6/5.4L Truck Models
- SPECIAL NOTICE: These parts are street legal in all 50 states for use on 1996 through 2004 Ford passenger vehicles with the 4.6/5.4L V8. They have received an Executive Order number (E.O. #) from the California Air Resources Board (C.A.R.B.) making them legal for street use on pollution-controlled motor vehicles in all 50 states. To assist you with emissions equipment certification, we have included a silver fan shroud decal to help testing personnel verify that this part is a legal replacement part on the vehicle for which it is cataloged. The adhesive-backed decal should be affixed to your fan shroud next to the existing emission and engine specification decal. Do not cover your original equipment specification decal with the Edelbrock fan shroud decal.
- KIT CONTENTS:
  - 1 - Throttle Body Assembly
  - 1 - Throttle Body Gasket
- TOOLS REQUIRED:
  - Flat & Phillips Blade Screwdrivers
  - Metric Sockets and Extensions
  - Metric Allen Wrenches

### INSTALLATION PROCEDURE

1. Set parking brake on vehicle and disconnect the negative battery terminal.
2. Loosen the two hose clamps and remove inlet air tube connecting the throttle body and airbox. Disconnect PCV, I.A.C. (Idle Air Control) tube, and inlet air temperature sensor connector, if applicable.
3. Disconnect the return spring from the linkage and unhook the throttle cable by opening the throttle by hand and slipping the cable from the cam groove. Disconnect the cruise control cable, if applicable.
4. Disconnect the T.P.S. (throttle position sensor) connector.
5. Remove the four bolts securing the throttle body to the intake and remove the factory throttle body.  
*NOTE: For Optimum Performance, match the intake opening to the new throttle body size. Although this is not mandatory, it will maximize intake flow.*
6. Using the supplied screws and gasket install the new throttle body on the intake manifold and secure.
7. Re-attach the throttle cable, T.P.S. sensor connector, return spring and cruise control cable, if applicable.
8. Re-install inlet tube between airbox and throttle body. Be sure to reconnect the PCV tube, idle air control tube and inlet air temperature sensor if applicable.
9. Re-connect the negative battery cable.
10. Start the engine and run until it is at operating temperature.  
*NOTE: If you are unable to obtain a steady idle and proper idle speed, continue with steps A and B below:*
  - A. Shut off engine, and be sure the idle valve adjustment screw (gold colored, slotted head) is turned clockwise until it bottoms in its bore. **CAUTION: Do not use too much force when bottoming the screw.**
  - B. Start the engine and disconnect I.A.C. connector. Adjust gold idle screw in small increments until vehicle idles at approximately 500 rpm. Re-connect I.A.C. connector and vehicle will return to computer controlled idle speed.
11. Shut off Engine and double check all fasteners and clamps to ensure they are all secure.

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