



Power-Plus Series® Throttle Body for Ford 4.6 Liter 2-V & 4-V

Mustang, T-Bird, Crown Vic, Town Car, F-150 Truck

Part # 1700, 1701, 1702, 1703, 1705, 1711

INSTALLATION INSTRUCTIONS

! IMPORTANT !

*Please read complete instructions before starting Throttle Body Installation
and make sure you have all the tools for the job*

PARTS INCLUDED IN THIS KIT

- 1-BBK Throttle Body Assembly
- 2-M5 x 30mm TPS Screws
- 1-Black Plastic TPS Bushing
- 4-M6 x 30mm Throttle Body Screws
- 1-Pipe Plug

TOOLS REQUIRED

- Flat & Phillips Blade Screwdrivers
- Metric & American Allen Wrenches
- Metric Sockets & Extensions
- American End Wrenches
- Impact Screwdriver & Hammer
- Feeler Gauges

- Step 1** Set parking brake on vehicle and disconnect negative battery terminal.
- Step 2** Loosen the two hose clamps and remove inlet air tube connecting the throttle body and airbox. Disconnect PCV, Idle Air Control (ICA) tube and inlet air temperature sensor connector if applicable.
- Step 3** Disconnect the return spring from the linkage and unhook the throttle cable by opening the throttle manually and slipping the cable from the cam groove. Disconnect the cruise control cable if applicable.
- Step 4** Disconnect the throttle position sensor.
- Step 5** Remove the four bolts securing the throttle body to the intake; remove the factory throttle body.
- Step 6** Remove the throttle position sensor from the factory throttle body. You must use an impact screwdriver to remove the TPS screw (to avoid rounding off the Phillips head) due to the use of Loctite on the factory fasteners. In the event that the factory screw are rounded off and can't be removed the head of the screws will have to be ground off to remove the TPS.
- Step 7** Install the throttle position sensor on the new throttle body using supplied screws. Be sure the black plastic TPS bushing is in place before securing the TPS.

! FOR OPTIMUM PERFORMANCE !

*Match the intake opening to the new throttle body size.
Although, this is not mandatory, it will maximize intake flow*

- Step 7a** On models that do not require the large IAC porting hole between the throttle bores simply install supplied pipe plug from backside of throttle body, tighten very snug to prevent plug from loosening.
- Step 8** Using the supplied screws and gaskets, install the new throttle body on the intake manifold and secure.
- Step 9** Reattach the throttle cable, TPS sensor connector, return springs and cruise control cable is applicable.
- Step 10** Reinstall inlet tube between airbox and throttle body. Be sure to reconnect the PVC tube, idle air control tube and inlet air temperature sensor if applicable.
- Step 11** Reconnect the negative battery cable.
- Step 12** Start the engine and run until it is at operating temperature, then turn engine off.
- Step 13** Turn idle screw counter clockwise until you can see between the screw and the throttle linkage (.010" with feeler gauge). Then turn clockwise exactly one full turn.
- Step 14** Double check all fasteners and clamps to ensure they are all secure.

