



'04-06 4.6L F150 3V Throttle Body Part #1758

'05-07 Mustang 4.0L V6 Throttle Body Part # 1765

## INSTALLATION INSTRUCTIONS

### !ATTENTION!

All BBK throttle bodies are pre adjusted and tested during assembly. If you have any problems with this throttle body call our Tech Support hotline at (951)296-1771 or e-mail [tech@bbkperformance.com](mailto:tech@bbkperformance.com).

**DO NOT ATTEMPT TO MAKE ANY ADJUSTMENTS!**

### TOOLS REQUIRED

1/4" Ratchet

1/4" Extension

8mm socket & 10mm Deep socket

T-20 Torx

Needle nose pliers

5mm Allen Wrench

**STEP 1** Disconnect negative battery terminal. If these instructions are followed closely, this will prevent the CHECK ENGINE light from coming on after the installation.

**STEP 2** Disconnect the PCV tube by gently twisting the green locking tab and pulling the tube away from the inlet hose. Loosen the hose clamp at the throttle body. Pull the inlet hose away from the throttle body and set it aside.

**STEP 3** Unplug the throttle body electric motor and TPS by sliding the red colored locking clips back, and then squeezing the tabs on each wiring connector while pulling them from their connections.

**Note:** Some 2005 V-6 Mustangs have 2 water hoses that route through the stock throttle body. On those models, disconnect the water hoses and bypass them by connecting them to the supplied U-shaped tube using the original clamps. The U-shaped tube is not used for any other vehicles.

**STEP 4** Unbolt and remove the throttle body **Note: Be careful not to damage the throttle body motor housing as you will be re-using it.**

**STEP 5** Using the T-20 Torx remove the motor housing, plastic capped spring, and TPS from the stock throttle body. **Note: plastic capped spring will be under tension load. You will be re-loading the spring in STEP 11. When removing the TPS, pull it straight off of the throttle body. Do not twist or rotate the TPS.**

**STEP 6** Pop the removable circular cap off of the motor housing (**this is easily done with a finger**)

**STEP 7** Place the plastic capped spring over the end of the throttle shaft of the BBK throttle body and line the pigtail hook on the spring up with the catch slot in the gear.

**STEP 8** Install the motor housing minus the removable cap onto the BBK throttle body over the plastic spring cap and tighten screws.

**STEP 9** Using needle nosed pliers rotate the plastic spring cap **COUNTER CLOCKWISE (approximately 180°)** until the 2 tabs line up with their matching landings in the motor housing, then gently pull up on the cap until it pops up into a latched position.

**STEP 10** Align the tabs on the removable cap with the slots on the motor housing and snap it into place.

**STEP 11** Install the TPS onto the BBK throttle body by lining up the locating tab and tightening the screws. **The TPS does not need to be rotated or "clocked".**

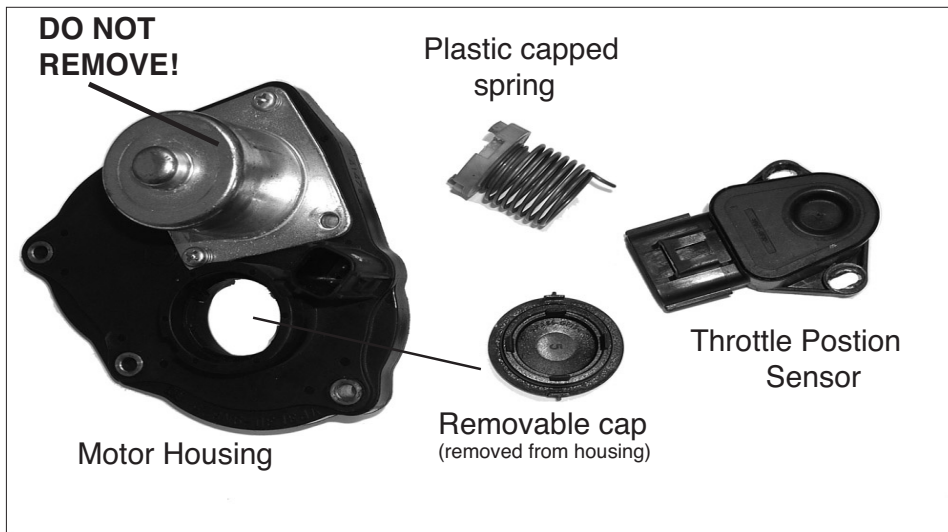
**STEP 12** Check the throttle body for smooth action by opening and closing the flap a few times with your fingers. You should feel a slight drag from the electric motor, but it should never bind up or stick.

**STEP 13** Install the throttle body (use supplied gasket on 1758) onto the intake manifold using the 4 supplied screws.

**STEP 14** Re-install the intake hose and re-attach the PCV tube.

**STEP 15** Connect negative battery cable.

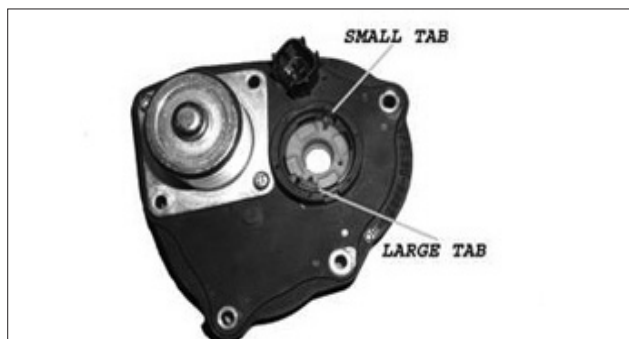




**STEP 9**



**STEP 11**



**STEP 11**