



2011-2014 Ford Mustang GT 5.0L V8  
**85mm Throttle Body**  
 Part # 1821



Special Tools

Required:

- No special tools required

Install Time:

Approximately  
1 Hour

Difficulty:

1 out of 5

Please follow the ECU re-learn procedure on page 3 before driving on the road.

**STEP 1**

- Disconnect the negative battery terminal.

**STEP 2**

- Remove the strut tower brace if applicable.

**STEP 3**



- Remove the engine cover by pulling up on it to release its mounting pins from the grommets on the intake manifold.

**STEP 4**



- Disconnect the smaller plastic breather tube from the air inlet tube. You can leave the sound tube connected.

**STEP 5**

- Loosen the clamps on the air inlet tube at the air box and throttle body.

Revised 2/25/2013



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installation instructions

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**IMPORTANT:** All appropriate safety equipment and gear must be used during the installation of this or any BBK Performance products or any time you work on a vehicle. BBK Performance Inc. accepts no responsibility for injuries or damage caused by or during the installation of this product.



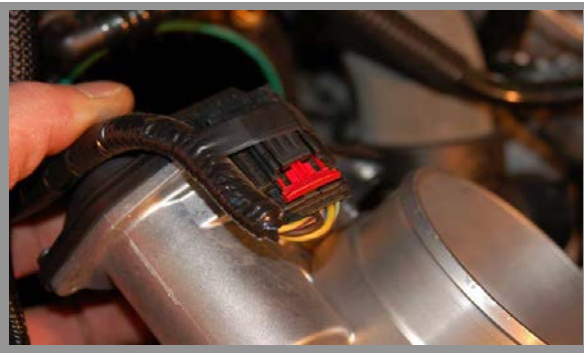
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**STEP 6**



- Remove the air inlet tube and set it aside.

**STEP 7**



- Remove the four mounting bolts from the stock throttle body, as you remove the throttle body, flip it to unplug the motor plug on the bottom.

**STEP 8**



- Wipe off the stock rubber throttle body gasket to remove any oil or debris. You will be reusing this gasket. Connect the motor plug to the BBK Throttle Body and install onto the intake manifold. Use supplied bolts to secure the throttle body.

**STEP 9**



- Re-install the air inlet tube and reconnect the breather tube. A little WD-40 or light grease on the inside of the tube may help in this process. Tighten the clamps.

**STEP 10**

- Re-install the engine decorative cover, the strut tower brace and reconnect the negative battery terminal.



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*Because your vehicle's engine is electronically controlled by a computer, some control conditions are maintained by power from the battery. When the battery is disconnected or a new battery is installed, the engine must relearn its idle and fuel trim strategy for optimum driveability and performance. To begin this process:*

- 1.) *With the vehicle at a complete stop, set the parking brake.*
  - 2.) *Put the gearshift in P (Park) (automatic transmission) or the neutral position (manual transmission), turn off all accessories and start the engine.*
  - 3.) *Run the engine until it reaches normal operating temperature. Approximately 4-5 minutes.*
  - 4.) *Allow the engine to idle for at least one minute.*
  - 5.) *Turn the A/C on and allow the engine to idle for at least one minute.*
  - 6.) *Drive the vehicle to complete the relearning process.*
- *The vehicle may need to be driven 10 miles or more to relearn the idle and fuel trim strategy.*
  - *If you do not allow the engine to relearn its idle trim, the idle quality of your vehicle may be adversely affected until the idle trim is eventually relearned.*

### **Hardware Included**

- KIT1821
  - HDW198 Bolts, SHCS M6-1.0x50mm (4pcs)



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installation instructions

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