

## BBK 65mm Throttle Body (01-04 V6) - Installation Instructions



The below installation instructions work for the following products:

- **BBK 65mm Throttle Body (01-04 V6)**



Please read through the instructions carefully before starting this project. Take the time to get all the materials together as well as all the safety equipment.

### Intro:

The 01-04 Mustang has a lot of room for improvement when it comes to its air intake system. BBK has a great answer to that problem. The BBK Power Plus Series Mustang throttle bodies are designed to increase airflow by 35% and improve horsepower anywhere from 10-20HP!!! And they do this with a simple 30 minute install of one of their Power Plus Series throttle bodies.

### Note:

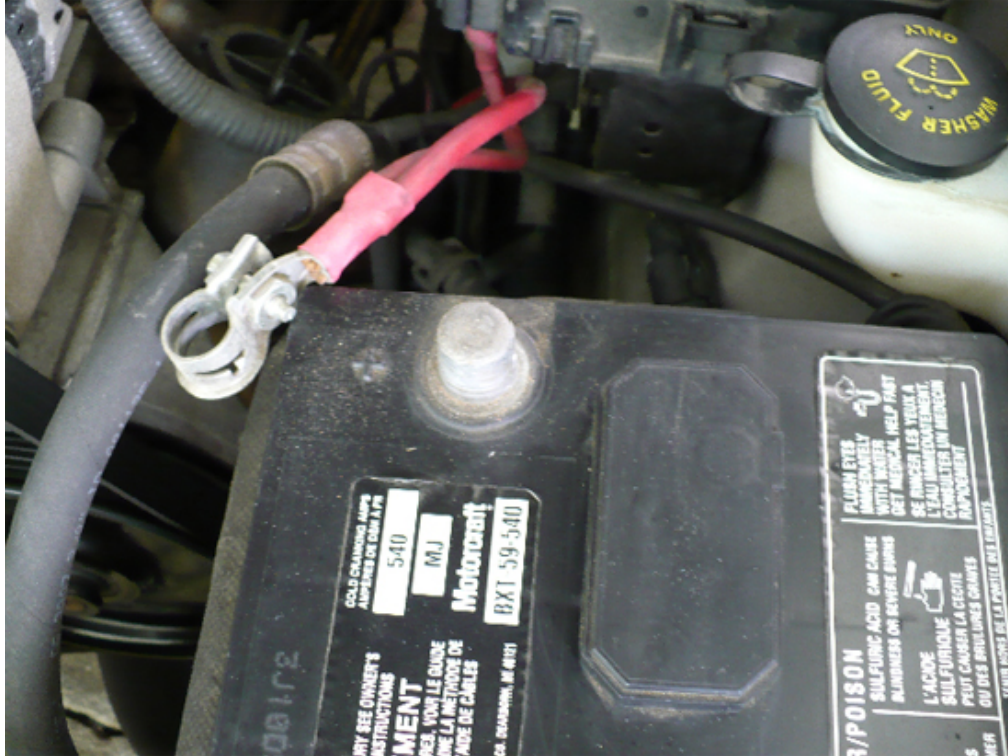
All BBK Performance Power Plus Series throttle bodies are CNC machined from high quality 356 aluminum castings to ensure exact OEM quality and fit every time. They achieve greater performance by increasing the amount of air entering the engine, and more air equals more power!!

### Tools needed:

- 8mm Ratchet & Socket
- 10mm Ratchet & Socket
- 5mm Allen Wrench
- Flathead Screwdriver
- Phillips Head Screwdriver
- Rubber Mallet/Hammer

### Installation:

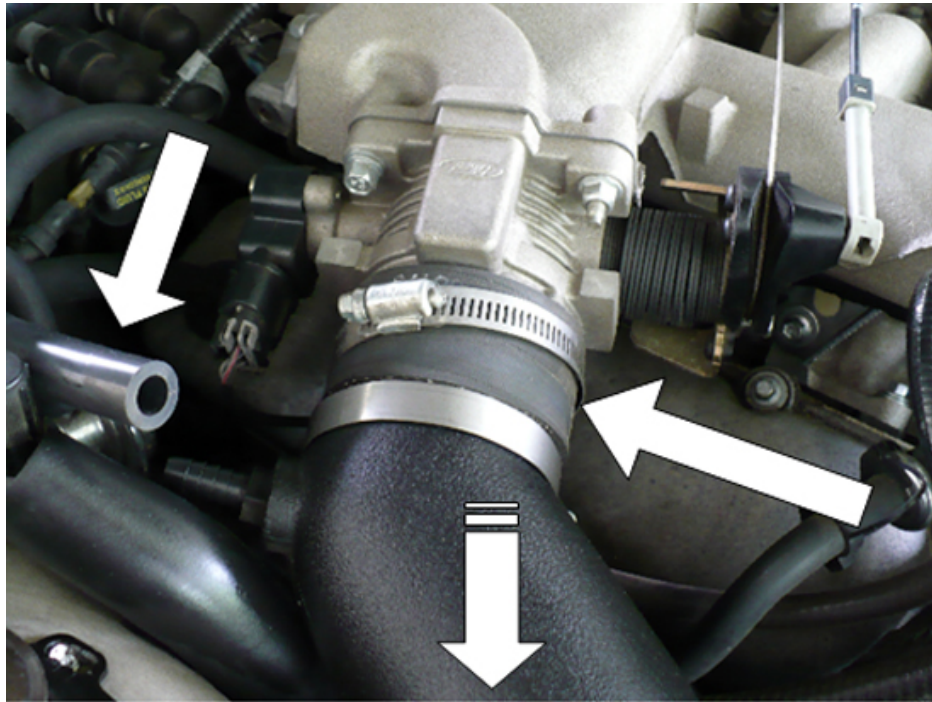
1. Disconnect the negative battery connection using an 8mm socket. The 01-04 Mustang has an electronically controlled throttle positioning system and doing this ensures that everything will function properly after the install.



2. Installing the throttle body requires removing the intake pipe or just the upper intake pipe depending on what type of cold air intake you have. Loosen the hose clamps on both the upper and lower side of the intake pipe using a flathead screwdriver.



3. Disconnect any hoses that go to this intake pipe.
4. Slide out the intake pipe and remove it from the vehicle.

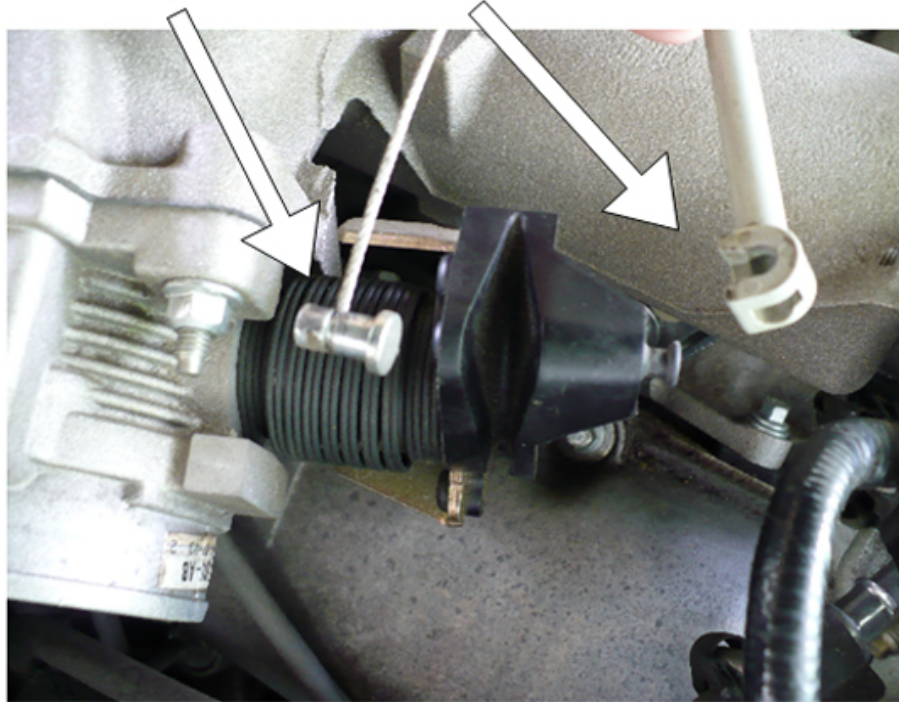


5. There are two connections on the right side of the throttle body and one on the left side that need to be disconnected. Disconnect the cruise control cable by pulling up on the end connected to the throttle body



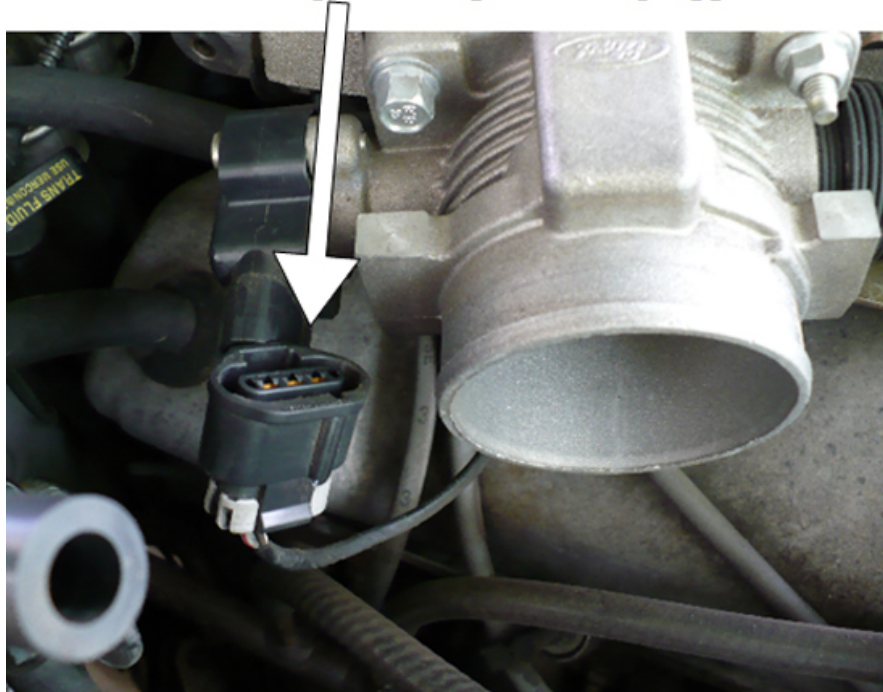
6. Disconnect the throttle body cable by moving the throttle body spring forward, as well as pulling the cable forward to give it some slack and sliding out the pin to the right side

**Throttle body cable and cruise control cable disconnected.**

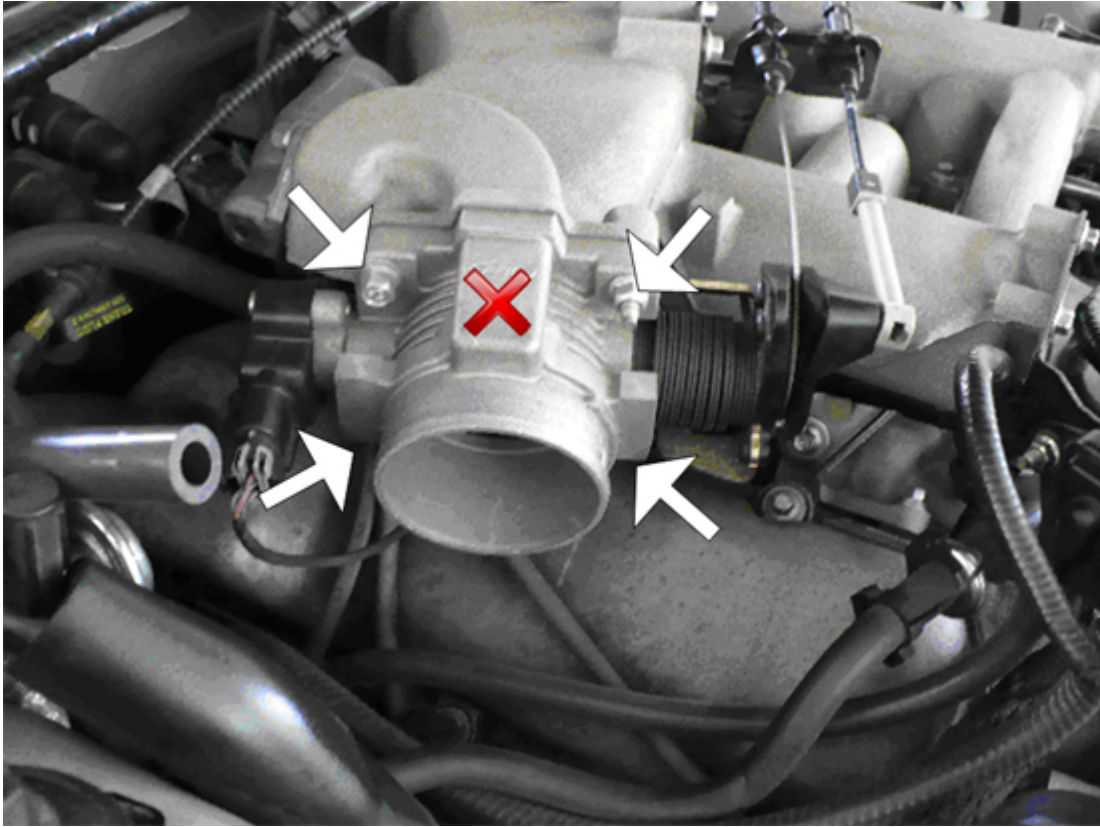


7. On the left side of the throttle body you will see the throttle positioning sensor. Disconnect the cable connected to it by gently unplugging it

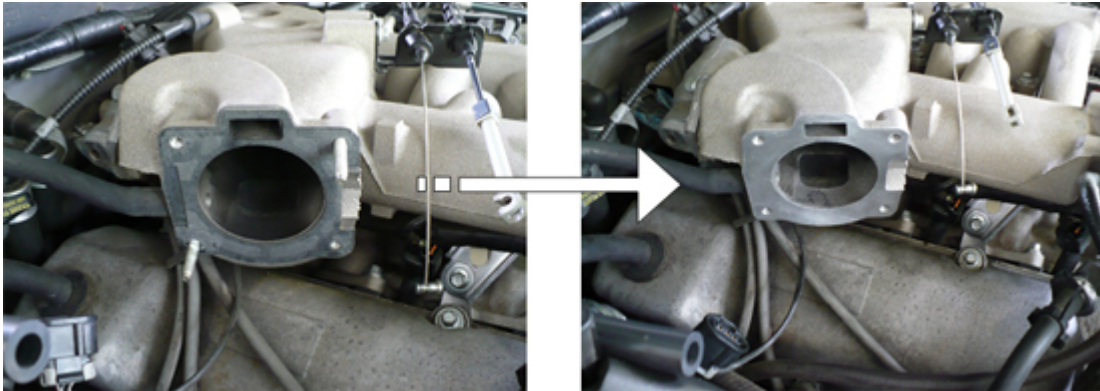
**Throttle positioning sensor unplugged.**



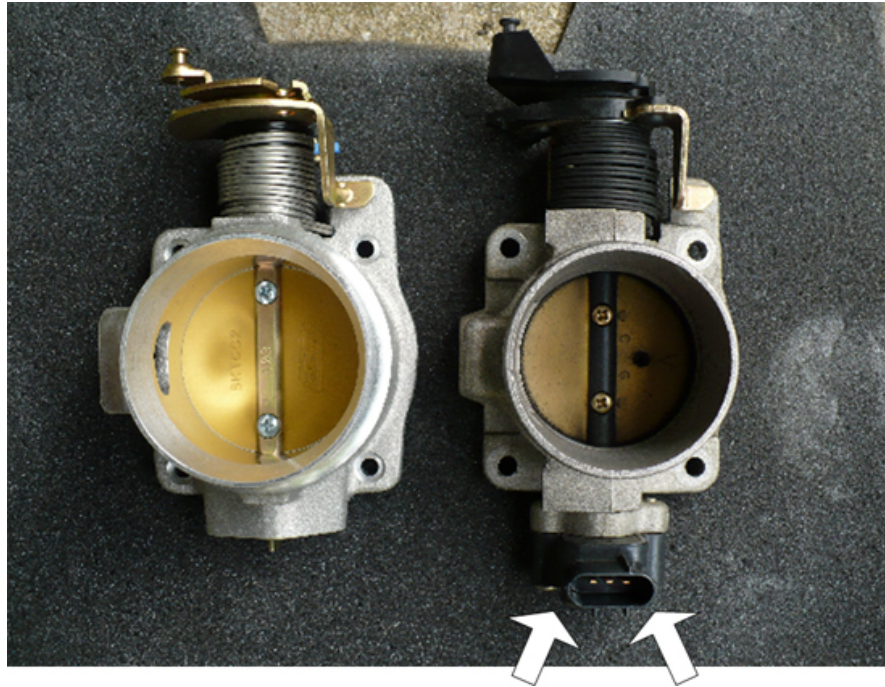
8. Using the 10mm socket loosen and remove the four bolts holding the throttle body in place. (The bottom two bolts are not visible in the picture.) If the throttle body is still stuck in place after removing the four bolts from it, slightly tap it with a rubber mallet/hammer to disconnect it from the rest of the intake. ...X marks the spot



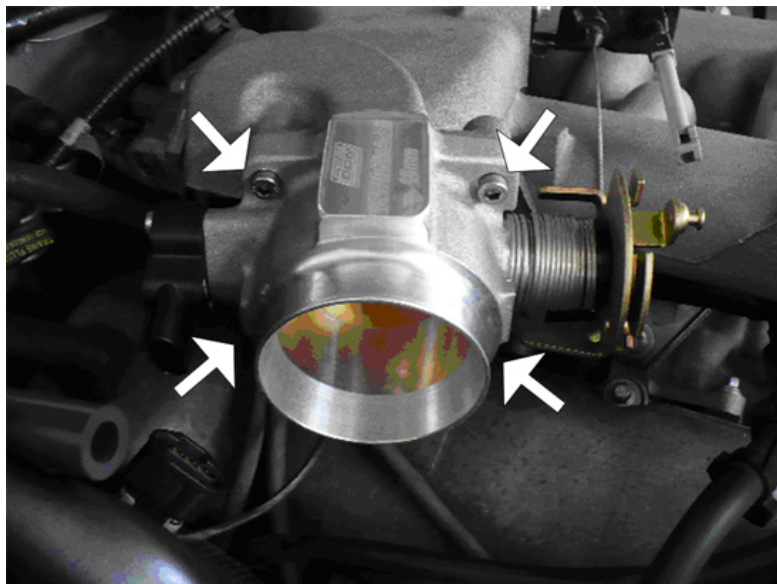
9. Clean off any gasket residue left behind on the intake. This will ensure a proper seal when using the new gasket.



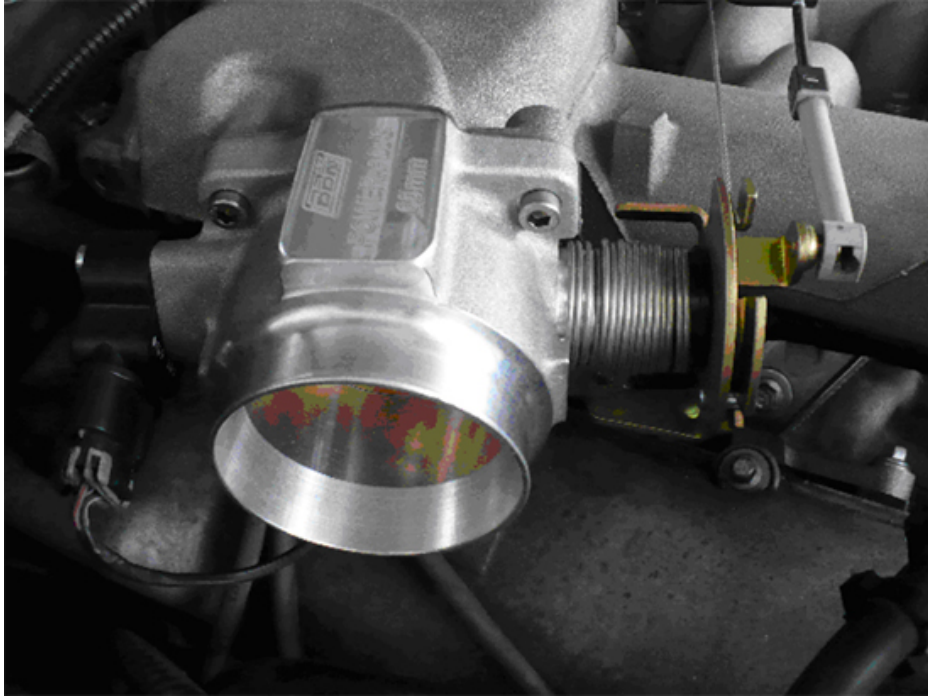
10. Unscrew the two screws holding the throttle positioning sensor on the old throttle body using a Phillips screwdriver. Slowly lift up on the sensor to remove it from the old throttle body.



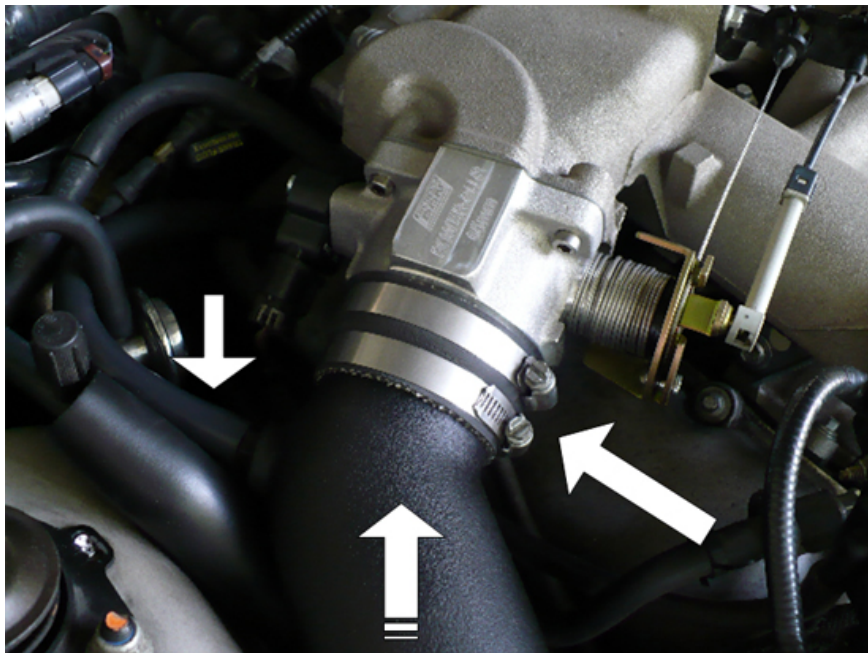
11. Place the sensor on to the new throttle body by lining up the center tab first and turning it into place. (Make sure that the holes for the screws match up). Using the new hardware provided screw it into place using a phillips screwdriver.
12. Place the new gasket on the new throttle body making sure you align it correctly using the indentation on the right side as a guide.
13. The factory bolts do not fit well with the new throttle body, but the new mounting hardware that is provided works great. Using a 5mm allen wrench bolt up the throttle body to the intake. (The bottom two bolts are not visible in the picture.)



14. Reattach the throttle body cable by again moving the throttle body spring forward, as well as pulling the cable forward to give it some slack and replacing the pin back into the correct position.
15. Reattach the cruise control cable by pushing it back down into place.
16. Reconnect the throttle positioning sensor cable by plugging the connection back into the sensor. (Make sure everything moves freely by moving the throttle body spring back and forth.)



17. Reattach the intake pipe by first aligning it with the throttle body. Then tighten up the hose clamps on both the upper and lower side of the intake pipe. Reattach any hoses that were removed earlier.



18. Reconnect the negative battery cable using the 8mm socket to secure it back on to the battery.



19. It is recommended that after the installation is finished you start the car and let it get to normal operating temperatures before driving. This allows the electrical system to adjust to the new throttle body and work/align properly.
20. Enjoy the added power and sound of your new BBK Throttle body!!!!



Installation instructions provided by AmericanMuscle customer Emir Hambo 6.10.09  
Find more **how-tos**, **instructions** and **videos** at [www.americanmuscle.com](http://www.americanmuscle.com)!