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## INSTALLATION INSTRUCTIONS - INS160

# COLD AIR INDUCTION SYSTEM

Part # 1768 and 17685 // 2011 - 2014 Ford Mustang GT 5.0



**Special Tools required:** No special tools required.



**Install Time:** Approximately 1 hour.



**Difficulty:** Easy.



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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 accepts no responsibility for injuries or damage caused by or during the installation of this product.

UPDATED LAST: March 2019

FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

### STEP 1



Disconnect the negative battery terminal. Remove the plastic radiator cover by prying up the center of the plastic pin heads at the slots cut on each side. Pull pins out and set the cover aside.

### STEP 2

Remove the strut tower brace if equipped. Remove the decorative engine cover by pulling up on it to release its mounting pins from the grommets on the intake manifold.

### STEP 3

Unhook the breather hose and sound hose from the inlet tube. Loosen the clamps on the inlet tube at the throttle body and air box. Unplug the Mass air Sensor. Remove the inlet tube from the vehicle.

### STEP 4



Remove the bolt on the right side of the air box that mounts it to the inner fender. Detach the air box from the lower inlet tube on the side of the radiator as you remove the air box. Detach the Mass Air Meter wire harness from the side of the air box by slightly pulling on the harness on each barbed mounting pin. Also remove the 2 bottom rubber grommet for the air box.

### STEP 5

Remove the stock air inlet tube on the side of the radiator by pulling up and towards the engine. Remove the 2 bolts that retain the driver side radiator mount and remove the mount.

### STEP 6



Assemble the 2 aluminum pins to the bottom of the BBK Air Filter Shield using the supplied ¼-20x1/2" Phillips screws. Install the stock rubber grommets onto the pins.

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### STEP 7



Route the sound tube under the plastic breather hose, so sound tube will pass under BBK cold air shield. Use the stock rubber clamp to retain the sound tube to the bottom of the filter shield.

### STEP 8



Install the BBK Air Filter Shield into place and position over the radiator mount peg with the rubber grommets seating into their holes in the inner fender. Install the stock bolt back into the small tab on the shield and tighten the bolt. Re-install the upper radiator mount and tighten the bolts.

### STEP 9



Remove the MAF sensor from the stock air box and install it into the BBK Cold Air Tube using the supplied hardware. (The sensor will only go on one way)

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#### STEP 10



Install the 2 blue couplers to the BBK inlet tube. Install the tube thru the hole in the air filter shield then onto the throttle body. Connect the sound tube to the BBK inlet tube as well.

#### STEP 11

Install the BBK Air Filter and tighten the clamps. Reconnect the breather tube to the BBK Inlet tube.

#### STEP 12



Install the supplied spongy trim to the top of the Air Filter Shield and cut off any excess trim.

#### STEP 13

Re-install the engine cover, strut tower brace and radiator cover. Plug in the MAF Sensor and reconnect the negative battery terminal.

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## ENGINE RELEARN PROCESS

Because your vehicles 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 drive ability and performance.

### STEP 1

With the vehicle at a complete stop, set the parking break

### STEP 2

Put the gearshift in P (Park) (automatic transmission or the neutral position (manual transmission), turn of all accessories and start the engine.

### STEP 3

Run the engine until it reaches normal operating temperature. Approximately 4-5 minutes.

### STEP 4

Allow the engine to idle for at least one minute.

### STEP 5

Turn the A/C on and allow the engine to idle for at least one minute.

### STEP 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

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