

## INSTALLATION INSTRUCTIONS - INS138

# MASS AIR METERS

Part # 8007, 8009, 8010, 8012, 8014, 8017 and 8019 // 1986 - 2004 Ford Mustang



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



**Install Time:** Approximately 30 minutes.



**Difficulty:** Very easy.

### Note

All 1986-1993 Mass Air Sensor Kits include a mass air harness adapter (CHD327)-6-4 pin - Make sure when installing that they click to ensure a [good electrical](#) connection.



All BBK Mass Air Meters are designed to be a direct bolt on with no additional adjustments or tuning required. Be sure to verify that the calibration of the meter is correct for your injector size. Using a meter that is calibrated for a different injector size than what you are using can cause serious damage to your engine.



These Sensors do not work on any Cobra-ECU.

Mass air transfer function for tuners generate the equation - New injector flow rate divided by original injector flow rate - then multiply the air flow valves in the original MAF transfer by this number. Most tuning software will let you highlight the entire air flow column and then multiply by that number to generate the new air flow valves. The voltage valves are not changed.

 **MADE IN U.S.A.** 

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: July 2019



FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

### STEPS FOR 1987 - 1993 FORD MUSTANGS

#### STEP 1

Unplug the mass air meter harness by squeezing the locking clip while pulling on the plastic connector. **NOTE!!! Do not pull on the wires; only pull by the plastic connector. The plastic connector has the work PUSH printed on it for ease of reference.**

#### STEP 2

Disconnect the mass air meter from the induction system by loosening the hose clamps that attach the hoses/couplers to both ends of the mass air meter.

#### STEP 3

Remove the (2) bolts that attach the mass air meter bracket to the strut tower.

#### STEP 4

Remove the original mass air meter and bracket from the vehicle all as one piece.

#### STEP 5

Install the BBK Mass Air Meter into the vehicle by tightening the original hoses and couplers for the induction system over it.

#### STEP 6

Re-establish the electrical connection simply by plugging the wiring harness into the meter, or wiring extension where applicable.

### STEPS FOR 1994 - 2004 FORD MUSTANGS

**BBK recommends using these mass air meters in conjunction BBK or other after-market cold air induction systems to insure proper fitment.**

#### STEP 1

If you are working with the stock air box, you will need to disassemble the air box by releasing the clamp, then unbolting the mass air meter from the plastic base disc.

#### STEP 2

Unplug the mass air meter harness by squeezing the locking clip while pulling on the plastic connector. **NOTE!!! Do not pull on the wires; only pull by the plastic connector. The plastic connector has the work PUSH printed on it for ease of reference.**

#### STEP 3

Disconnect the mass air meter from the induction system by removing the (4) bolts that attach the mass air meter flange to the air box/CAI and loosening the clamps that attach the hoses/couplers to the ends of the mass air meter.

#### STEP 4

Attach the BBK Mass Air Meter to the induction system using the original (4) Bolts that attach the mass air meter flange to the air box/CAI and tighten the clamps that attach the hoses/couplers to the ends of the mass air meter.

#### STEP 5

Re-establish the electrical connection simply by plugging the wiring harness into the meter, or wiring extension where applicable.

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