

## INSTALLATION INSTRUCTIONS - INS058

# ADJUSTABLE FUEL PRESSURE REGULATOR

Part # 1706 / 1986 - 1993 Ford Mustang V8 5.0L

Part # 1707 / 1994 - 1997 Ford Mustang GT/Cobra 4.6L/5.0L



SPECIAL TOOLS REQUIRED: Teflon Tape and Fuel gage



INSTALL TIME: Approximately 45 minutes.



DIFFICULTY: Very easy



**WARNING:** Gasoline and fuel vapors are flammable (Be sure to clean any fuel spills before starting the vehicle)

\*Note [Part # 1707](#) fits all 1996-1998 Ford Mustang Cobra 4.6L 4V + 1990-1997 Ford 4.6L application.

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: March 2019



## FOLLOW THESE INSTRUCTIONS CAREFULLY TO ENSURE CORRECT FITMENT AND OPERATION

### STEP 1

Raise the hood and disconnect the negative battery terminal.

### STEP 2

Relieve the pressure in the fuel system at the fuel rail schrader valve.

NOTE: COVER THE SCHRADER VALVE TO KEEP FUEL SPRAY CONTAINED.

### STEP 3

Disconnect the vacuum hose from the stock fuel regulator. Temporarily plug the vacuum hose.

### STEP 4

Remove the screws attaching the regulator to the fuel rail. On 1706 models, 3 screws are threaded into the underside of the regulator. In some cases removal of the upper manifold plenum may be required to gain access to the screws. On 1707 Models simply remove the 2 screw which are accessible from the top side.

### STEP 5

Firmly grasp the regulator and slowly pull straight up until the o-rings are free of the fuel rails.

### STEP 6

The BBK Regulator is supplied with a fuel pressure gauge port which if not used must be plugged using the supplied brass fitting and a small amount of Teflon tape.

### STEP 7

Before installing the BBK Regulator to the fuel rail, make sure the o-rings are in place and the rubber gasket is in place. If the stock regulator had no rubber gasket installed then you can discard the supplied gasket.

### STEP 8

Install the BBK Regulator using the stock hardware.  
Re-connect the negative battery terminal.

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## BEFORE STARTING THE ENGINE

### STEP 1

With the BBK Fuel Pressure Regulator installed and a fuel gauge installed either in line or onto the BBK Fuel Regulator base. Make sure that the vacuum hose is disconnected and plugged.

### STEP 2

Turn the key to the (ON POSITION) this will pressurize the fuel system. You may do this a couple times.

**NOTE: DO NOT START THE VEHICLE.**

### STEP 3



Now that the fuel system has been pressurized it is a good time to check for leaks around the BBK Fuel Regulator

**NOTE: BE SURE TO CHECK THAT THERE IS NO FUEL COMING OUT OF THE VACUUM PORT ON THE TOP OF THE FUEL REGULATOR ALSO CHECK AROUND THE BASE OF THE FUEL REGULATOR**

### STEP 4



In the case that the fuel pressure regulator does have a leak immediately turn the key off and disconnect the negative battery terminal. With time - adjustable fuel pressure regulator diaphragms can weaken and start to lose the ability to hold accurate pressure - sometimes they can even leak. Now you can completely re-build any BBK Performance fuel pressure regulator with our new rebuild kit. (PART # 1914). Installation is simple and all kits include detailed instructions sheets - one simple Allen wrench is all you need to install.

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## ADJUSTING FUEL PRESSURE

### STEP 1

With everything checked and in good working order it is now time to adjust the fuel pressure.

### STEP 2



Loosen the lock-nut on the top of the fuel regulator.

### STEP 3

Start the vehicle and simply adjust the top adjustment screw in or out to raise or lower the fuel pressure to desired reading.

**NOTE: STOCK FUEL PRESSURE IS 39 PSI.**

When the desired fuel pressure is reached tighten down the lock-nut and reconnect the vacuum line to the BBK Fuel Pressure Regulator your install is now complete.

### PART# 1617

BBK Liquid Filled Fuel Pressure Gauge Allows Direct Fit & Vibration Free Fuel Pressure Readings.

- Liquid Filled For Accuracy.
- 0-60ps
- Fuel Rail Adapter Included
- Comes with adapter for 5.0L Mustang fuel rails
- Additional fittings may be required to fit other applications



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