



## '2005-09 FORD MUSTANG GT 4.6L 3-V Shorty Headers Part #'s 1612-16120

### INSTALLATION INSTRUCTIONS

#### !CAUTION!

**ALWAYS USE EXTREME CAUTION WHEN WORKING UNDERNEATH A VEHICLE. USE STURDY JACK STANDS PLACED ON A HARD LEVEL SURFACE. ALWAYS WEAR PROTECTIVE EYE WEAR**

Included in this kit: Headers, gaskets, header bolts, collector studs, washers, lock washers, and nuts.

Tools required: Jack, stands, 8mm, 13mm, & 22 mm open end wrenches, ratchet, swivel, extensions, 13 mm, & 15mm deep sockets, small flat screwdriver 7/8" open end.

- Step 1** Disconnect (-) negative battery terminal.
- Step 2** Remove the bolt that secures the dipstick tube to the driver side cylinder head and pull the dipstick tube straight up to remove it from the engine.
- Step 3** Lift the vehicle as high as possible with jack and support with stands.
- Step 4** Unplug all oxygen sensors.
- Step 5** Separate the cat-back system by loosening the 2 nuts on each band clamp and prying the locking tabs up with a small screwdriver while sliding the clamp towards the rear of the car.
- Step 6** Unbolt stock H-pipe from collectors and remove the H-pipe from the car.

#### Driver-Side

- Step 7** Remove the bolts from the top and bottom of the steering shaft and remove the shaft.  
*You may find more working space by removing the motor mounts from the engine by removing the nuts that secure the mounts to the K-member and carefully jacking the motor up and supporting it with a block of wood, then removing the fasteners that attach the mounts to the engine block. **DO NOT ATTEMPT TO LIFT THE ENGINE BY JACKING UNDER THE OIL PAN!***
- Step 8** Remove the front driver side sensor from the manifold.
- Step 9** Remove the stock exhaust manifold and gasket. (Some of the manifold bolts are easier to access while working under the hood).
- Step 10** Install the oxygen sensors into the BBK headers.
- Step 11** Install BBK header and supplied gasket.  
**NOTE: On some applications it may be easier to re-use some of the original stud type hardware**
- Step 12** Insert and finger tighten the supplied collector studs.
- Step 13** Reinstall motor mount and the dipstick tube.



## Passenger-Side

- Step 14** Unbolt and remove starter from bell housing.
- Step 15** Remove motor mount from block if needed.
- Step 16** Remove stock exhaust manifold and gasket.
- Step 17** Install BBK header and supplied gasket.
- Step 18** Insert and finger tighten the supplied collector studs.
- Step 19** Re-install motor mount and starter.
- Step 20** Lower motor mounts onto their mounting studs and tighten nuts.
- Step 21** Re-install the steering shaft.
- Step 22** Re-install H-pipe using supplied washers, lock washers and nuts at collectors.
- Step 23** Re-connect the oxygen sensors.
- Step 24** Re-connect negative battery terminal.

***After driving the car for a few hours it's always a good idea to check and re-tighten the header bolts.***

Please visit us at [www.BBKPERFORMANCE.com](http://www.BBKPERFORMANCE.com) to view a fully photographed installation of this and the many other BBK products. To maximize your vehicle's performance potential we recommend the following BBK PERFORMANCE products:

**BBK HI-FLOW X-PIPE**

**BBK THROTTLE BODY**

**BBK COLD AIR INDUCTION SYSTEM**

**BBK PERFORMANCE UNDERDRIVE PULLEYS**



Disconnect steering shaft.



Remove dipstick tube.



Remove top nuts.



Removing the oxygen sensor.



Separate H-pipe from tail pipe.



Remove starter.