

# Tuned Length Shorty Header

Part # 1615,16150



### Special Tools

#### Required:

- No special tools required

### Install Time:

Approximately  
2 Hours

### Difficulty:

3 out of 5

Follow these instructions carefully to ensure correct fitment and operation.

#### STEP 1

- Disconnect the negative battery terminal, remove the intake hose and air box, and remove the strut tower brace if applicable.

#### STEP 2

- Lift the vehicle as high as possible with a jack and support with jack stands.

#### STEP 3

- Unplug all oxygen sensors. (Removal from the H-Pipe is not necessary)

#### STEP 4

- Unbolt the H-Pipe from the exhaust manifolds and cat-back system and remove. Remove the motor mount to K member nuts.

#### STEP 5

- Carefully jack up the engine (We recommend using a solid block of wood to place under the engine) until the mounts rise out of the K member. **NOTE!!! Watch for any hang-ups such as wiring harnesses or hoses while lifting engine.** Safely support in this position.

#### STEP 6 (Driver side)

- Disconnect the EGR by-pass tube from the top of the exhaust.

#### STEP 7

- Remove the bolt from the steering shaft at the steering rack, and move the shaft to the side. **NOTE!!! Although not necessary, you may find more working space by removing the motor mounts from the engine block.**

#### STEP 8

- Remove the stock exhaust manifold and gasket. **NOTE!!! On some vehicles it may be easier to access the upper exhaust manifold bolts from above the engine.**

#### STEP 9

- Install the BBK Header and supplied gasket. **These headers have slotted mounting holes which will allow you to start some of the header bolts before placement. NOTE!!! On some applications it may be easier to re-use some of the original stud type header bolts.**



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installation instructions

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

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### STEP 10

- Insert one collector bolt down through each of the slotted holes in the collector flange.

### STEP 11

- Re-install any EGR or AIR fittings if applicable, Re-install motor mount and reassemble the steering shaft. ***NOTE!!! Be sure to use supplied anti seize on any metal threaded tube fittings.***

### STEP 12 (Passenger Side)

- Unbolt and remove starter from the bell housing. ***NOTE!!! Remove the motor mount from the block if needed.***

### STEP 13

- Remove stock exhaust manifold and gasket.

### STEP 14

- Install BBK Header and supplied gasket.

### STEP 15

- Insert supplied collector studs.

### STEP 16

- Re-install the motor mount and starter.

### STEP 17

- Lower the engine into the chassis and tighten the nuts. ***NOTE!!! Be sure to check if the engine is sitting all the way down and even on the motor mounts before tightening.***

### STEP 18

- Re-install the H-Pipe using the supplied hardware. Plug in all the oxygen sensors.

### STEP 19

- Lower the vehicle and re-install the intake hose and strut tower brace (if applicable). Reconnect the negative battery terminal.

### STEP 20

- Start vehicle and listen for leaks. After 500 miles of drive, check the header bolts.



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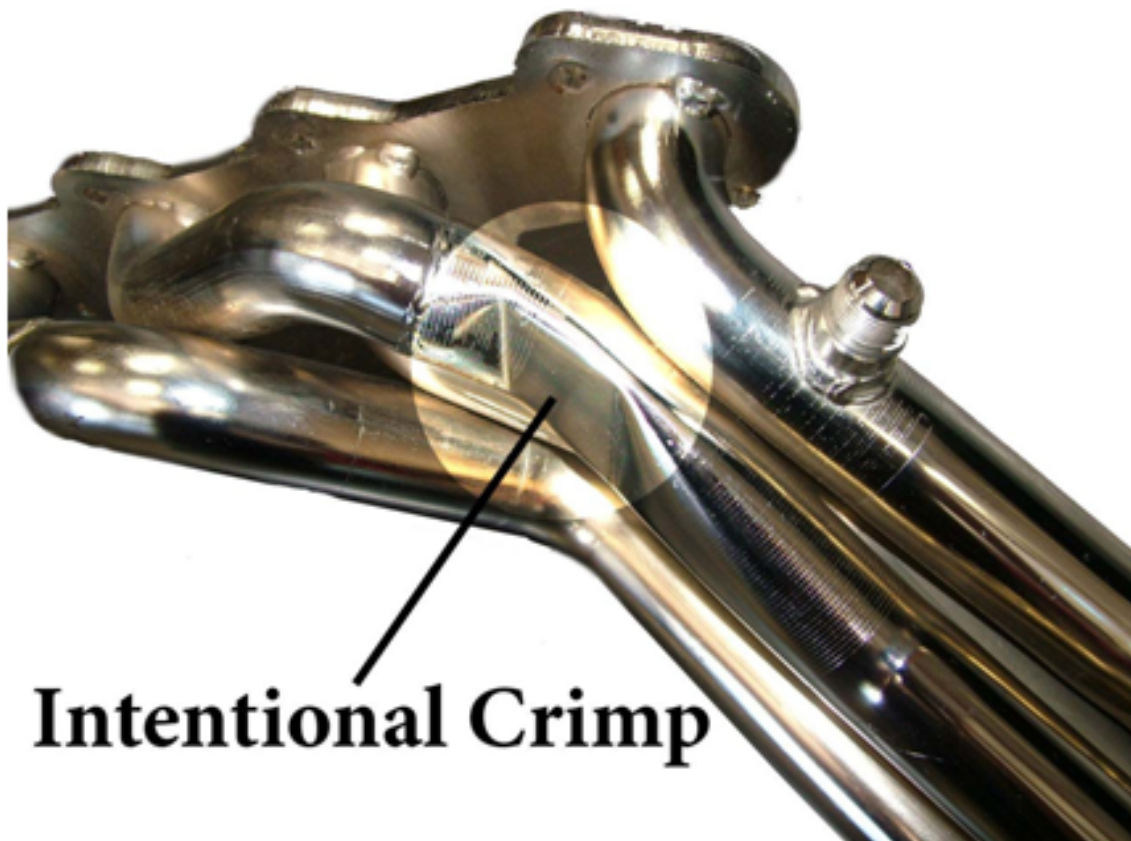
## IMPORTANT NOTICE!

### FOR ALL 1996-2004 MUSTANG 4.6L 2&4 V HEADERS

BBK has intentionally crimped the driver side header tube(s) in this set to provide necessary clearance for the steering shaft.

BBK has performed extensive R&D /dyno testing on this design. The crimp does not have a negative effect on performance, tuning, or exhaust flow output.

***The crimp does not constitute a warranty claim.***



**Intentional Crimp**



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installation instructions

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