

LONG TUBE

H E A D E R S

Long Tube Headers
6800 Mid Cities Ave.
Beltsville, MD 20705

www.longtubeheaders.com

MUSTANG GT 5.0 AXLE-BACK

MATERIALS INCLUDED:

- (1) LTH™ Instruction Booklet
- (1) LTH™ Sticker
- (1) LTH™ Informational Postcard
- (1) LTH™ Muffler Delete Driver Side Pipe
- (1) LTH™ Muffler Delete Passenger Side Pipe
- (2) 2.5" Exhaust Band Clamps



NOTE: Please check for these materials before installing this product. If any of the above listed materials are missing from your package, please contact LTH™ before attempting to install the product at: info@longtubeheaders.com or 301-602-0873.



WARNING

This document and the images within it are the copyrighted intellectual property of Long Tube Headers, Inc. They may not be reproduced or distributed in anyway, including electronic duplication and publication, without the express written consent of Long Tube Headers, Inc. By installing this product the end user is agreeing to hold Long Tube Headers, Inc., its staff, and business associates (hereto referred as LTH™) harmless from any and all damages that may result, both directly and/or indirectly, from the use and or installation of this product. LTH™ will not be held responsible for any damages whatsoever. This is a performance enhancing product, and it is understood that the user is aware of, and liable for, any damages that result from the use and/or misuse of this product.

PROCEDURE OVERVIEW:

I. PLEASE READ DIRECTIONS ONE TIME COMPLETELY BEFORE INSTALLING. *(This is an overview of the installation.)*

NOTE: *This product should be installed by, or under the supervision of, a qualified performance automotive specialist. Failure to do so may result in major property damage, serious injury, and or death. Be sure to exercise caution when driving your vehicle. Safety must be your primary concern! Always obey posted traffic laws and limits. Drive within the limits of the law, the limits of safety, and the limits of your ability.*

II. ACQUIRE NECESSARY INSTALLATION TOOLS

NOTE: *Not all tools listed will be absolutely necessary; however, for the best and easiest installation recommended tools may be listed.*

III. INSTALL LTH™ Mustang GT 5.0 Axle-Back

- *****DISCONNECT THE NEGATIVE BATTERY CABLE BEFORE BEGINNING INSTALLATION*****
The car battery stores a tremendous amount of energy and must be treated with respect. Disconnect the NEGATIVE, BLACK, wire from the car's battery. Be extremely careful NOT to short the battery with your tools while removing the negative cable. Shorting the battery by touching the terminal will almost certainly cause severe burns, a fire, or even an explosion. FYI, the reason to remove the negative terminal of the battery is so that if the wrench were to slip while on the nut of the battery terminal, and accidentally contact the frame of the car (ground) the result would not be a short from positive to ground, but a much less harmful short from negative-to-negative. Be careful to not slip and hit anything.
- Uninstall the stock Mustang GT 5.0 axle-back section.
 - Install the LTH™ Mustang GT 5.0 Axle-Back.

IV. START VEHICLE

Instructions for:
Ford Mustang GT 5.0 Axle-Back
'15 -

II. TOOLS NEEDED FOR INSTALLATION:

- (1) Ratchet (3/8" or 1/4")
- (1) 15mm Socket
- (1) Plasma Cutter/Band Saw/Sawzall
- (1) Second Set of Hands*
- (1) Exhaust Hanger Pliers*
- (1) Penetrating Oil*
- (1) WD-40*
- (2) Jack Stands*
- (1) Hydraulic Jack*

**Indicates that these tools are optional and are not needed to install the LTH™ Axle-Back depending on the installer's preference.*

III. INSTALL LTH™ Mustang GT 5.0 Axle-Back

- ***DISCONNECT THE NEGATIVE BATTERY CABLE BEFORE BEGINNING INSTALLATION*****
The car battery stores a tremendous amount of energy and must be treated with respect. Disconnect the NEGATIVE, BLACK, wire from the car's battery. Be extremely careful NOT to short the battery with your tools while removing the negative cable. Shorting the battery by touching the terminal will almost certainly cause severe burns, a fire, or even an explosion. FYI, the reason to remove the negative terminal of the battery is so that if the wrench were to slip while on the nut of the battery terminal, and accidentally contact the frame of the car (ground) the result would not be a short from positive to ground, but a much less harmful short from negative-to-negative. Be careful to not slip and hit anything.
- Lift the vehicle and set it safely onto jackstands.
- Start by locating the rear section of the factory exhaust near the inlet to the muffler, as shown below. You will be cutting the factory exhaust from this point on both sides. Following the 90° bend from the inlet to the muffler, there is a short, straight section. Measure 2.5" from the next bend over and mark the exhaust appropriately, as shown below. You want the straight section to remain, since that will allow a good mating surface to connect the LTH™ axle-back sections.



- You will now have to cut the factory exhaust on both the passenger and driver side at the locations marked. We highly recommend having a helper hold the exhaust system firmly in place while you are cutting the exhaust.
- With the exhaust cut, you can now remove the muffler sections from the exhaust hangers and pull the mufflers out from the vehicle.



- Slide the LTH™ Axle-Back sections onto the factory mid-pipe where you made the cut previously. Be sure to slide a 2.50" exhaust clamp onto each pipe section before installing the LTH™ Axle-Back sections.



- Slide each LTH™ Axle-Back section hanger into the factory rubber hanger by the cut-out in the rear bumper.



- Adjust how much tube slides into or out of the factory pipe to adjust the position of the tip within the bumper cut-out. Once a desired fitment is achieved, tighten down the exhaust clamp. It may be easiest to have a helper position the exhaust, while you adjust for fitment at the tip to achieve an ideal position.



IV. START THE VEHICLE & TAKE OFF!

NOTE: It is highly recommended that the user double checks the torque on all the bolts after driving around for a little bit. The exhaust may fit itself in better after a little engine movement and heat cycles, causing the bolts to be a little looser. It is probable that new exhaust may produce more than normal amounts of smoke for the first couple of drives. Chemicals on and in the exhaust will burn off. This will not affect performance or longevity of the product. It is a good idea to wipe off and clean the exhaust while cleaning up. Any finger prints on the exhaust will heat up and stain the exhaust permanently. This will not affect performance or longevity, and is not required.

***** WARNING*****

Please be careful when first driving with the addition of the LTH™ Mustang GT 5.0 Axle-Back. The vehicle's driving characteristics will be different. The change in vehicle power and performance may take the inexperienced driver by surprise. The user must be careful, and above all, obey all posted speed limits, laws, and regulations.