



2005 MUSTANG AERO CHAMBER MUFFLER SET P/N 21520HKR, 21521HKR, & 21522HKR

Thank you for making HOOKER AERO CHAMBER your choice in a high-performance muffler. Extensive dyno/track testing has enabled HOOKER to offer the most advanced design for your application. The installation, while not complex, will take a certain amount of time. However, the additional horsepower and improved performance will more than justify your efforts. The unique design of the AERO CHAMBER will create a throaty powerful sound that will not change with time. Proper installation and maintenance will ensure long life and maximum performance from your Hooker exhaust system.

BEFORE STARTING

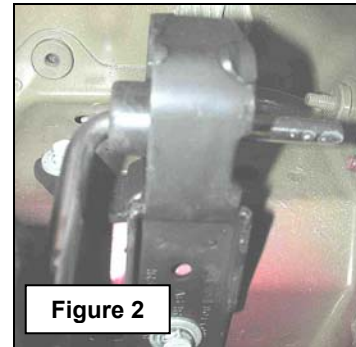
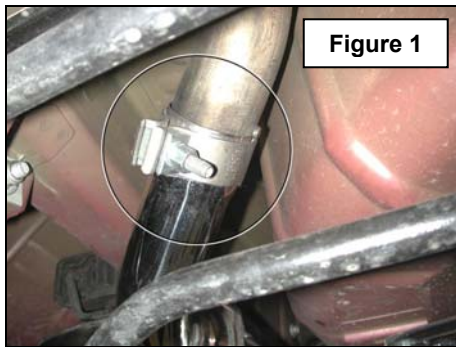
Your vehicle must be raised a minimum of 36 inches. A floor hoist is ideal. If no hoist is available, we strongly urge the use of axle stands as a safety measure. **CAUTION! YOUR CAR SHOULD NOT BE SUPPORTED ON A BUMPER JACK.**

INSTALLATION PROCEDURE: PLEASE READ CAREFULLY

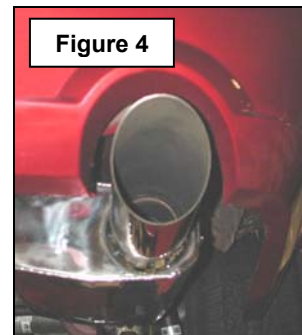
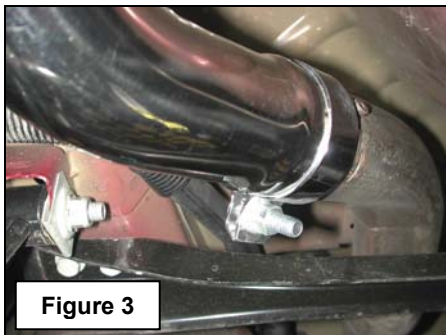
NOTE: All HOOKER AERO CHAMBER mufflers feature aluminized and stainless steel construction for long life. The following tips are intended to help you realize the full potential of these mufflers.

1. AERO CHAMBER mufflers are designed with a heavy gauge inlet and outlet stub for high strength. Standard muffler clamps will not properly crush the stub. **USE ONLY THE CLAMPS PROVIDED.**
2. Proper support of the exhaust system components is essential to long life. Mufflers should be supported at the center of the case.
3. Pre-lube the right and left side muffler mount bolt/nut with WD40™ or similar silicone-based lubricant. Remove the bolt/nut and loosen the clamp, so it slides down the muffler tube. It may be necessary to use a screwdriver to pry the clamp loose.

See Figure 1.



4. Starting on either side, lubricate the forward muffler hanger grommet. Using a pry bar or large screwdriver, immediately pry the hanger rod out of the hanger grommet. This may take several attempts, so use caution not to tear the grommet.
5. Lubricate the rear muffler hanger grommet. With the aid of a helper, pull the front of the muffler down about 10-15 degrees and pry the rear muffler hanger out of the hanger grommet. The muffler is now free from the vehicle.
6. Check the muffler hanger grommets and make sure they are hanging straight. Pre-lube the grommets again before the muffler installation.
7. Take the correct side Hooker Aerochamber muffler and slide the rear hanger up into the hanger grommet.
8. Align the front hanger to the front hanger grommet hole and slide the hanger into the grommet. **See Figure 2.**
9. Using the supplied Hooker muffler clamp, attach the muffler inlet tube to the existing over-axle exhaust pipe. Fingertighten the clamp bolt/nut. **See Figure 3.**



10. Adjust the muffler assembly, so that the tip is centered in the opening in the rear bumper. The tip should be positioned at least 3/4 – 1 inch from the top and sides of the opening. **See Figure 4.**

11. Once the muffler alignment is adjusted, tighten the front muffler clamp nut to factory torque specifications.
12. Repeat this procedure for the opposite side.
13. Following the above procedures should provide you with excellent service and long life from your HOOKER AERO CHAMBER mufflers.

When finished, give your car a test drive checking carefully for any new noises. After several days driving, retighten all the bolts.

LIMITATION OF LIABILITY – DISCLAIMER:

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

HOOKER makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the catalog, instruction sheet; or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

THE FOREGOING STATEMENT LIMITS THE LIABILITY OF THE MANUFACTURER.



HOOKER TECHNICAL SUPPORT

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**FOR ONLINE HELP, PLEASE REFER TO THE TECH
SERVICE SECTION OF OUR WEBSITE: www.holley.com**

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