



## P/N 6114HKR & 6114-1HKR SUPER COMPETITION FULL LENGTH CAR HEADERS 1967-70 Mustang / Cougar (390-428)

**NOTE:** Will only fit 16 bolt F.E. cylinder heads with the top four exhaust bolt holes in line. Header will not seal properly on heads with the end upper bolts lower than the center bolts.

**NOTE:** Vehicles equipped with power steering will require the purchase of Hooker bracket (P/N 10961HKR) to reinstall ram.

Thank you for making HOOKER HEADERS your choice in a high-performance exhaust system. Extensive dyno/track testing has enabled HOOKER to offer the most advanced design in headers for your application. Due to the restricted room available in the engine compartment, your headers may be close to some body and chassis components. This condition is normal. 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. Proper installation and maintenance will ensure long life and maximum performance from your HOOKER HEADERS.

**WARNING!** Breaking in an engine with ceramic-coated headers WILL result in damage to the coating and will VOID all warranties. Ceramic-coated headers require several heat cycles to fully cure before they will withstand extreme heat. HOOKER recommends using a cast-iron exhaust manifold or an old header to break in new engines to avoid coating damage.

### **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**

#### **LEFT SIDE:**

1. Disconnect the battery cable to prevent damage to the electrical systems.
2. Unbolt the headpipes (both sides) from exhaust manifolds and mufflers. Remove from the vehicles.
3. Remove the power steering ram from the frame. Unbolt the idler arm from the frame.
4. Remove the clutch linkage and center bolt from the motor mount.
5. Raise the engine 2" - 3" (use a board between the pan and the jack) and remove both halves of the motor mount.
6. Remove stock exhaust manifold. This requires a lot of wiggling, time, and patience, but it is possible.
7. Starting from below, work the header up through the chassis into position over the exhaust ports.
8. With the header loose, replace the clutch linkage.
9. Insert the gasket between the flange and head. Start all header bolts (most restricted first) and tighten evenly.
10. Replace both halves of the motor mounts, lower the engine, and replace the center bolt in the mount.

**AUTOMATIC TRANS MODELS:** If the L-3 tube contacts the bellhousing between its third and fourth bends, dent it according to Figure A for clearance.

11. Do not reinstall the power steering ram or idler arm until the right side is installed.

#### **RIGHT SIDE:**

1. Remove the stock exhaust manifold and starter.
2. Remove the center bolt from the motor mount and raise the engine 2" - 3" (use a board between the pan and jack).
3. Starting from below, work the header up through the chassis into position over the exhaust ports.
4. With the header loose, reinstall the starter.
5. Insert the gasket between the flange and the head. Start all the header bolts (most restricted first) and tighten evenly.
6. Lower the motor and replace the center bolt in the motor mount.
7. Replace the power steering ram with the purchased Hooker adapter bracket.
8. Reinstall the idler arm. If the idler arm bolts contact the header tubes, either cut off the ends of the bolts or use washers (under bolt head) to shim the bolts further toward the outside of the frame.
9. To connect the collectors to the existing headpipes, purchase the Hooker reducer kit, P/N 11030HKR. Bolt the reducers (with gaskets) to the collectors, line up the headpipes, cut to correct length, and weld to reducers.
10. Connect the battery, start the engine, and check for leaks. Be sure that all brake lines, fuel lines, and electrical wires have sufficient clearance. Reroute, as necessary.
11. When finished with the installation, give your vehicle a test drive checking carefully for any new noises. After several days of driving, re-tighten all the bolts.

Any questions? Please contact Technical Service: 1-866-GOHOLLEY or 270-781-9741. For online help, please refer to the website: [www.holley.com](http://www.holley.com).

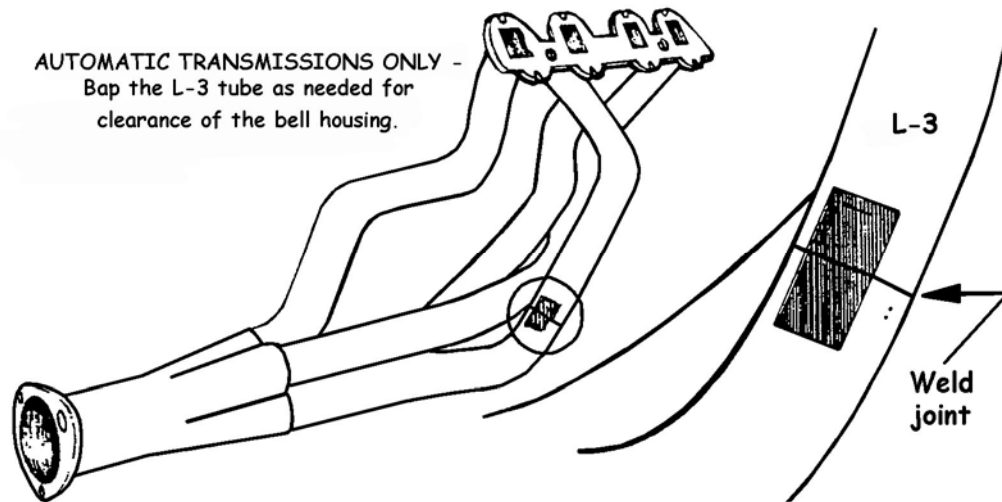


Figure A

**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.**

California vehicle code, sections 27156 AND 38391, prohibits the advertising, offering for sale, or installation of any device, which modifies a vehicle's emission control system, unless exempted, unless otherwise noted. HOOKER Headers have not received an exemption from these code sections and are to legal for sale or use in California on vehicles originally equipped with catalytic converters, it is illegal, except for racing vehicles, which may never be driven upon a highway. To remove or otherwise render inoperative any emission control device on the regulated motor vehicles – check catalog listings to ensure proper application in the other 49 states, unless otherwise noted, HOOKER Headers are not legal for pollution-controlled motor vehicles, except for racing vehicles, which may never be used upon a highway and are not intended or applicable for highway use.

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