



1963-1967 GM 2WD C10/C20 LS SWAP FULL-LENGTH HEADERS

BH13231

Installation Instructions



Thank you for choosing to use HOOKER™ headers as part of your LS swap project. These headers are part of the most comprehensively engineered system of mounting components, headers and exhaust systems available for this application. The entire Hooker™ swap system is designed to decrease your total swap installation effort and cost while increasing the engineered quality of your vehicle.

PRE-INSTALLATION CONSIDERATIONS:

Check that the hardware package includes the following:

(12) M8 x 1.25 header bolts

If you are missing any hardware, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

NOTE: Will not work with factory column shift linkage. Aftermarket column linkage or cable kits such as those offered by Lokar™ and others will have to be used if you wish to maintain column shift capability of your vehicle.

NOTE: These headers are geometrically/functionally compatible with GM TH350, TH400, 700R4, 2004R, 4L60-4L70, 4L80E/4L85E and 6L80/6L90 automatic transmissions and the OE LS 4th-gen F-body/GTO Tremec T56 and aftermarket T56 Magnum manual transmissions.

NOTE: These headers do not possess a CARB Executive Order Exemption and are therefore not legal for sale or use on pollution-controlled motor vehicles.

NOTE: The collector outlets of these headers are designed to be connected to an exhaust system with specific-design Torca 3" coupler clamps. These clamps can be purchased as a pair by ordering Hooker P/N 41173HKR.

NOTE: These headers are designed to be used along with engine mounting brackets BHS538 and transmission crossmember 71222024HKR, 71222024HKR-1, and 71222024HKR-2.

NOTE: Must use 45 degree plug wires for header tube clearance due to the tight fitting tubes such as MSD or Accel. The correct wire set will depend on your coil packs used for proper length.

The instructions contained in this document assume you have already installed the engine and transmission in the vehicle with the above mentioned HOOKER™ mounting components per their instructions.

An automotive lift or a jack and jack stands will be required to safely raise and support the vehicle. **CAUTION! WORK ONLY ON A LEVEL SURFACE. USE JACKS /JACK STANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.**

COMPATIBILITY INFORMATION:

These headers were specifically designed to be installed with HOOKER™ LS swap engine and transmission mounting components and exhaust systems for this same application. Attempts to install these headers with any other type or combination of engine and transmission mounting components may cause them to not provide their intended ground or vehicle component clearances, or compatibility with the related HOOKER™ exhaust systems.

These headers are fully compatible for use with the stock A/C evaporator case, power brake booster and OE LS spark plug wires.

INSTALLATION:

1. Disconnect the negative cable from the vehicle battery, if connected.
2. Remove the spark plugs wires from the spark plugs. Remove the spark plugs from the engine.
3. Remove the engine oil dipstick tube.
4. Remove any transmission linkage present between the transmission and steering column.
5. Using an automotive lift or floor jack, lift the entire vehicle or front of the vehicle a minimum of 12" to 15" off the ground.
6. Remove any existing header/manifold that is installed and clean the cylinder head sealing surface.
7. Starting with the right side header assembly, maneuver it into place between the engine and vehicle frame through the bottom of the vehicle and attach it to the engine using (x1) supplied header bolt and a new header gasket or OE equivalent gasket.
8. Maneuver the left side header into position between the engine and vehicle frame through the top side of the vehicle and attach it to the engine using (x1) supplied header bolt and a new or used stock GM exhaust manifold gasket.
9. Complete installation of remaining header bolts from the top of the engine compartment and tighten all bolts. It is recommended to use anti-seize on all hardware.
10. Reinstall the engine oil dipstick tube, spark plugs, and spark plug wires.
11. Install the O2 sensors into bungs, if using. Install O2 plugs (user supplied), if not using O2 sensors.
12. Reconnect battery if previously disconnected.

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 that have not received an Executive Order (E.O.) exemption from these code sections are not legal for sale or use in California on vehicles originally equipped with catalytic converters, except for racing vehicles, which may never be driven upon a highway. Check with your local authorities to determine if these headers are legal for use in your particular area.

Technical Service: 1-866-464-6553

For online help, please refer to the Tech Service section of our website: www.holley.com

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