



1982-2004 GM S10 Cast Manifolds P/N 71223026HKR Installation Instructions



Thank you for choosing to use HOOKER™ exhaust components as part of your S10 LS swap project. These components are part of the most comprehensively engineered collection of LS swap 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. These Cast manifolds were designed for ease of installation along with large ports and runners for maximum flow.

PRE-INSTALLATION CONSIDERATIONS:

Check that the hardware package includes the following:

Qty.	P/N	Description
2	73R177	Exhaust Collector Flanges
2	4888G	Collector Gaskets
4	505R20	Collector Flange Bolts

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

NOTE: These manifolds were developed around the Hooker LS S10 swap platform. Using on a vehicle other than a S10 or a S10 with non-Hooker related swap parts could cause fitment issues.

NOTE: These manifolds were developed to use manifold adapter pipes 71223024HKR, so you can attach easily to your pick of Hooker S10 swap exhaust system.

NOTE: The below instructions are based on already having an LS engine installed with Hooker swap brackets and crossmember.

NOTE: Using these manifolds on S10 LS swaps will require the use of Hooker steering shaft- 1982-1993 71223022HKR or 1994-2004 71223021HKR to allow proper fitment.

NOTE: Designed with the Holley 302-1 oil pan using LS3 dipstick (GM P/N 12669528) and tube (GM P/N 12625031). Use of other dipstick tubes may require modification.

Installation Instructions

1. Start installation by making sure the battery is disconnected.
2. Remove spark plug wires, spark plugs, and oil dipstick tube so they do not get damaged
3. Remove manifold/header that is being replaced. Removal of accessory drive brackets may be needed.
4. Start with the right side Hooker manifold and see if you can install from the top side. If this is not possible, remove the right side accessory drive bracket for installation.

5. Once manifold in place, use a Mr. Gasket® 4805G or equivalent manifold gasket and supplied fasteners to attach the manifold to the engine.
6. It is recommended to use anti-seize on exhaust bolts for future removal. Torque all manifold fasteners to 18 ft./lbs.
7. Once right side is complete, reinstall any parts that were removed.
8. To install the left side manifold, it is recommended to remove the steering shaft for ease of installation.
9. On 1st gen models, remove the top steering shaft cross bolt, and then the lower cross bolt.
10. You may need to use a pry bar to help remove the steering shaft.
11. Once the steering shaft is removed, you can try to install the Hooker manifold from the top side. Depending on your accessory drive, this may or may not work. If this is not possible, remove the accessory drive to allow room for installation.
12. Once manifold is in place, install the gasket and install using the supplied hardware and torque to 18 ft./lbs.
13. Once complete, reinstall the parts removed. When installing the steering shaft, be sure to use a thread locker comparable to Loctite® 242 on all hardware.
14. After installation is complete, use the Hooker 71223024HKR adapter pipes to adapt your choice of Hooker LS S10 swap exhaust system.

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

Phone: 1-270-781-9741

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

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