



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

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 is 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.