



**1967-69 GM F-Body / 1968-74 GM X-Body SBC/BBC  
T56/T56 Magnum Manual Transmission Crossmember  
P/N BHS586**



**Installation Instructions**

Thank you for choosing to use this Hooker™ transmission crossmember as part of your engine/transmission swap project. This crossmember is 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 and compatibility of these components with other popular aftermarket components.

**IMPORTANT DESIGN AND INSTALLATION INFORMATION:**

The design geometry of this crossmember provides direct installation of a GM OE 4<sup>th</sup>-gen F-body or GTO LS T56 or Tremec™ aftermarket T56 Magnum manual transmission into your vehicle.

No tunnel modifications needed in OE manual transmission cars.

**71223029HKR** or **71223030HKR** polyurethane mount (or one of equivalent installed height), or the OE rubber mount which it is designed to be a substitution for (the mount common to all late 50's through 1970's GM cars).

A suitable lift or jack and jack stands will be required to install this crossmember with the appropriate transmissions for which it is intended.

**INSTALLATION:**

**PRE-INSTALLATION NOTES:**

This crossmember is designed to provide an exhaust routing path with maximized ground clearance. Worn or collapsed body bushings will further diminish the available installation space and may require increased force or leverage to be applied to the crossmember to persuade it into proper position. It is highly recommended that new body bushings be installed prior to performing your engine/trans swap.

- 1. Check that the hardware package includes the following:

Qty.	Description
1	Left Side Anchor Bracket
10	3/8-16 x 1" Flanged Head Bolts
10	3/8-16 Flanged Nuts

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

- 2. Raise the tail shaft of the transmission to its highest possible point of lift using a transmission jack, floor jack, or screw type pole jack.
- 3. Feed the fixed right attachment foot of the welded crossmember assembly onto the top of the right side rail of the vehicle subframe.

4. Push the left side of the crossmember up until you can insert the included left side anchor bracket under it and be able to rest its frame mating surface on the top of the left side rail of the vehicle subframe. Install the included short flanged head bolt through the center hole in the bracket and into the corresponding threaded hole in the crossmember. Do not fully tighten the bolt at this point.
5. Install two sets of included flanged head bolts and nuts into the two remaining holes in the anchor bracket and crossmember and tighten all three bolts and/or nuts at this connection point.
6. Attach the transmission isolator of your choice to the mounting pad on your transmission.
7. Attach the crossmember to the subframe with the remaining included flanged head bolts and nuts. Do not fully tighten the fasteners at this time.
8. Lower the transmission onto the crossmember and attach the transmission isolator to the crossmember using the fasteners included with the isolator.

**Any questions? Please contact Technical Service: 1-866-464-6553 or 270-781-9741. For online help, please refer to: [www.holley.com](http://www.holley.com).**

#### **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 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.

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