

**GEN3 Hemi Swap Transmission Crossmember  
1973-1976 A-Body Mopar with Stock (Non-Hemi) V8 K- Member  
727, NAG1, & TKX 5 speed  
WB130033**



**Installation Instructions**

Thank you for choosing to use White Box™ transmission crossmember as part of your GEN3 HEMI Swap project. This crossmember is part of the most comprehensively engineered system of mounting components, headers, and exhaust systems available for this application. Please read these instructions thoroughly before attempting installation.

**IMPORTANT:** Requires engine mounts **P/N: WB130032**, 2-bolt Chevy transmission mount **P/N 71223029HKR**, and a transmission adapter plate specific to the transmission being installed. See compatibility below for part numbers and installation notes.

Visit [www.holley.com](http://www.holley.com) for a complete selection of transmission crossmember, headers, exhaust, and more GEN3 HEMI support products to complete your A-Body Hemi Swap.

**COMPATIBILITY INFORMATION:**

This crossmember was designed specifically to place the engine and transmission in the vehicle to accommodate the widest range of engine, transmission, and accessory drive combinations possible. Using Holley engine mounts and transmission adapter plate will be required with this crossmember. The transmissions listed may require cutting the transmission tunnel or minor to moderate massaging to accommodate the larger cases. See below:

**Supporting parts required for use with BHS572 transmission crossmember**

**727, TKX :** Adapter Plate **P/N: WB130034**, transmission mount **P/N: 71223029HKR** & engine mounting brackets **P/N: WB130032**

**Install Notes:** **727** - 1" transmission shift linkage extension may be required. Kick down cable fabrication required.  
**TKX** - Hydraulic clutch conversion required. Transmission tunnel and torsion bar crossmember modifications required. **BHS588** transmission tunnel support is recommended to restore torsion bar crossmember structural integrity.

**NAG1:** Adapter Plate **P/N: WB130035**, transmission mount **P/N: 71223029HKR**, engine mounting brackets **P/N: WB130032**, & transmission tunnel hoop **P/N: WB130042** - \*Torsion bar crossmember modifications required

**Install Notes:** Some transmission tunnel massaging will be required for bell housing at the pinch weld upper case and shift lever. Minor case trimming will be required. Floor shifter conversion required.

**PARTS LIST:**

Qty.	Description
1	Transmission Crossmember

**ACCESSORY PACK CONTENTS:**

4		3/8-16 x 3.25" Bolt
4		Flat Washer
		3/8-16 Flange Nut
1	199R12191	Instruction Sheet

Check the hardware package. If anything is missing, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

## TOOLS NEEDED:

3/8" Socket Set to 3/4"
3/4 Wrench
11/16 Wrench
5/8 Wrench
9/16 Wrench

## INSTALLATION:

These instructions assume the engine and transmission are installed.

1. Install the transmission adapter plate applicable to your transmission (see instructions provided with the adapter plate).
2. Install the transmission mount to the transmission adapter plate with the hardware supplied in the adapter plate kit.

**NOTE:** The transmission mount will be installed between the adapter plate and the **WB130033** transmission crossmember (**Fig. 1**).

3. Install the **WB130033** Crossmember and align the studs of the transmission mount while raising the transmission crossmember into position. Align the bolt holes and install the provided 3/8-16 x 3.25" bolts with washers. Install the provided flange nuts and tighten. Align the transmission to center. Install the nuts onto the transmission mounts and tighten.

**NOTE:** TKX transmission installations, using the **BHS588** transmission tunnel support, will follow installation instructions supplied with the **BHS588** kit.

Shown with 727 Transmission Installed

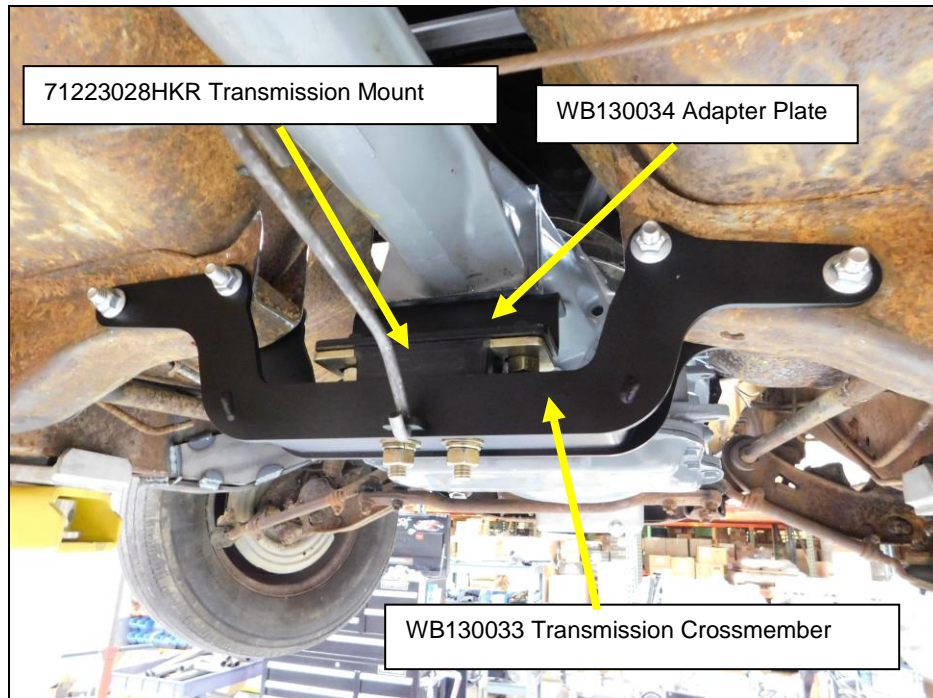


Figure 1

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).

199R12191  
Date: 3-17-21