



**1987-96 Dodge Dakota GEN3 HEMI Swap Trans Crossmember  
BHS545  
Installation Instructions**



Thank you for choosing to use HOOKER™ swap 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.

**PRE-INSTALLATION CONSIDERATIONS and NOTES:**

Installation of this crossmember requires the use of an adapter bracket that matches your transmission of choice below.

- BHS526 - 8HP
- BHS527 - NAG 1
- BHS528 - TR6060 (Mopar)
- BHS529 - 546/46
- BHS530 - 727
- Rubber mounts- Hooker 71223029HKR (black) 71223030HKR (red) or equivalent required
- For best fitment, use along with BHS544 swap brackets to install your GEN3 Hemi engine.
- TR6060 will need shifter relocation in order to work.
- Pinch weld will need to be bent over for most transmissions to fit
- TR6060/T56 will need the bellhousing installed first and then the Trans due to the tight working area.

More GEN3 HEMI engine performance components, such as EFI fuel control systems, fuel filters, fuel pumps, plumbing hose/fittings, intakes and valve covers can be found at [www.holley.com](http://www.holley.com).

**BEFORE BEGINNING:**

Check that the hardware package includes the following:

Qty.	Description
4	3/8" x 1" Bolts
4	3/8" Flange Nuts

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

## **INSTALLATION:**

1. With the engine and transmission installed into the truck, make sure to install one of the adapters listed in the pre-installation list that matches the transmission in use.
2. Raise the transmission as high as possible to allow room for installation.
3. Install the passenger's side frame bracket. This bracket will have (x2) frame mounting holes with no slots. Use **Figure 1** to determine the correct bracket.
4. The passenger's side bracket will install with the crossmember mounting pad toward the top of the frame. When installed correctly, the crossmember mounting pad will be level with the frame rail (**Figure 2**). Use the factory crossmember mounting bolts to attach this bracket to the frame.
5. The driver's side bracket will install using the factory crossmember bolts also. Install so that the (x2) mounting holes attach to the frame (**Figure 2**).
6. With your transmission adapter and mount installed, you are ready to install the crossmember center section. Install as shown in **Figure 2** and align the attachment holes on each side. Use the supplied 3/8" to attach.
7. Tighten all hardware and lower the Trans down to the crossmember. Install the Trans mount bolts and tighten.
8. Your swap crossmember install has now been completed and ready to be outfitted with an exhaust system.

Driver's Side – Passenger's Side



**Figure 1**



**Figure 2**

## **LIMITATION OF LIABILITY – DISCLAIMER:**

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