



**1987-1996 Dodge Dakota GEN3 HEMI Swap Engine Mounting Brackets  
BHS544  
Installation Instructions**



Thank you for choosing to use HOOKER™ engine swap mounting brackets as part of your GEN3 HEMI Swap project. These mounting brackets are 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/ COMPATINILTY INFORMATION**

Installation of these brackets requires the use of OE style V8 or V6 frame mounts from a 1987-96 Dodge Dakota.

Installing a GEN3 HEMI into this vehicle will require the engine to have a rear sump Milodon 30995 oil pan.

Massaging of the Trans tunnel pinch weld will be required for some transmission fitments.

Best fitment of a GEN3 engine with these swap brackets will require the use of a Hooker Blackheart BHS545 transmission crossmember.

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
8	M10 x 1.5 x 25mm Bolts
2	½" X 20 X 5" Bolts
2	½" X 20 Lock Nuts
4	½" X 1 3/8" Washers

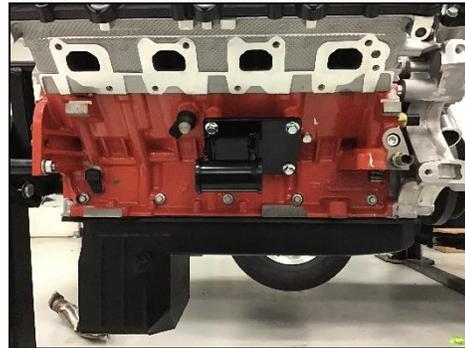
If you are missing any hardware, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

## **INSTALLATION:**

1. Remove the original engine and prep the engine bay for the Gen 3 engine swap.
2. Attach the Hooker engine mounting brackets to the GEN3 HEMI using (x4) of the supplied M10 bolts. Start with the driver's side mount. The driver's side mount can be identified by a U notch in the base plate. The U notch will face downward when installed (**Figure 1**).
3. Attach the passenger's side mount as you did the driver's side in step two. It can be identified by the V in the baseplate and it will face downward also when installed (**Figure 2**).
4. Once both swap brackets are installed, tighten all (x8) M10 bolts.
5. Using the ½" bolts, add a washer and push one through the rear of the swap bracket leaving it hanging out equally on each side of the bracket.
6. Slowly, lower the engine down onto the original frame mounts lining up the through bolts with the slots of the original mounting brackets.
7. Once lowered all the way down, insert the through bolts the rest of the way and install the remaining washers and nuts. Tighten both through bolts at this time.
8. Your GEN3 HEMI swap brackets are now installed and ready to be outfitted with headers and an exhaust system. Hooker Blackheart Dodge truck swap transmission crossmember, headers, and single/dual exhaust systems are specifically designed for use with these engine mounting brackets.



**Figure 1**



**Figure 2**

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

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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.

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