



## 1988-1998 GM C1500 (2WD) Stock-Mount LS and LT Engine Mounting Brackets P/N's BHS552 & BHS553



**BHS552**



**BHS553**

### Installation Instructions

Thank you for choosing to install Hooker Blackheart products on your 1988-1998 GM C1500 truck project. These engine mounting brackets have been designed for use with the V8 engine mounts that were factory installed on these trucks. Use of these engine mounting brackets on 4.3L V6 equipped trucks will require the factory V6 frame side engine mounts and brackets to be removed and replaced with V8 engine mounts.

#### **PRE-INSTALLATION CHECK:**

Check that the hardware package includes the following:

| BHS552 & BHS553 |                        |
|-----------------|------------------------|
| Qty.            | Description            |
| 8               | M10 x 1.5 x 25mm Bolts |

**IMPORTANT!** Position and support your vehicle on a suitable surface. **USE CAUTION AND WORK ONLY ON A LEVEL SURFACE USING JACKS AND JACK STANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.** Use of a two-post under arm lift or four-post drive-on lift will considerably reduce the time and effort required to complete the installation. **MAKE SURE LIFT LOCKS ARE ENGAGED BEFORE WORKING UNDER THE VEHICLE.**

#### **INSTALLATION:**

1. Identify the left and right bracket assemblies. The LS left (driver's) side bracket has a semi-circle identification notch along the bottom edge of its base plate and the LT left (driver's) side bracket has two semi-circle identification notches along the bottom edge of its base plate. The right side (passenger's) LS and LT brackets have one (LS) or two (LT) "V" notches in similar locations.
2. Determine if you are going to install the engine in the forward-biased or rear-biased position and identify the correct holes in each bracket
3. Using four of the supplied M10 bolts, attach the left side bracket to the engine at your chosen forward-biased, or rear-biased position. The identification notch/notches will be oriented towards the bottom of the engine when the bracket is correctly installed.
4. Using the remaining supplied M10 bolts, attach the right side bracket to the engine in the same forward/rear biased position that you installed the left side bracket at.
5. Install the engine into the vehicle and onto the engine mounts. Connect the engine mounting brackets to the mounts with user-supplied bolts and nuts. The factory SB Chevy V8 mount coupler bolts and nuts may be reused for this purpose.

## **COMPATIBILITY INFORMATION:**

These engine mounting brackets permit the engine to be mounted in two discrete fore-aft positions. The rear LS mounting position places the engine/transmission mating plane in the stock SB Chevy location to make using any transmission that was factory installed behind a V8 engine a drop-in exercise. The forward LS mounting position provides more optimized shifter placement for a T56 Magnum manual transmission installation and also increased clearances for accessory drive components.

The rear LT mounting position will be limited to use by those willing to perform clearance work to the firewall to clear the right valve cover of the right side cylinder head. The forward LT mounting position will be found to be far more practical by the majority of users.