

- 1.0 These instructions describe the installation procedure for installing Chassis Grabber Bracket(s) to a truck frame without drilling any holes in the frame. Chassis Grabber Brackets are offered in Left and Right configurations and in Standard Duty and Heavy-Duty models.
- 2.0 Chassis Grabbers use a combination of different size inserts to provide a perfect fit across a wide range of Class 8 truck frames. The inserts also provide insulation from both shock and vibration, while at the same time preventing metal-to-metal contact with the edges of the frame web. Chassis Grabbers fit most Class 8 truck frames ranging from 10 inches to 12 inches in size.

3.0 Chassis Grabber Kit Components:

Description
Top/Main Chassis Grabber Bracket, Left or Right
Bottom Chassis Grabber Bracket with threaded nut
Insert Tree with 2 base inserts, 2 caps and 4 sizing inserts
Hardware: ½ inch X 2.5” Tap bolt, ½ inch SAE flat washer, ½ inch lock washer
Installation Instructions

4.0 Required Tools and Supplies

- ¾ inch wrench
- Red Loctite or equivalent
- Torque wrench capable of up to 60 foot-pounds

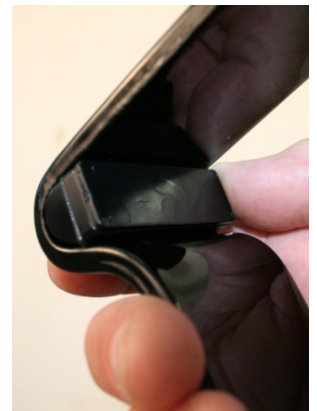
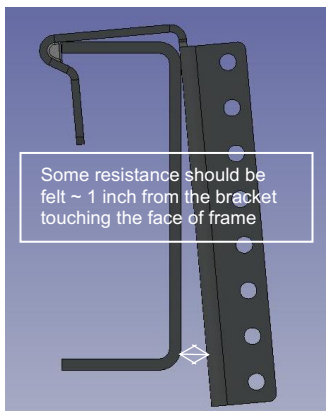
5.0 Warranty Disclaimer

5.1 Chassis Grabbers have a limited (1) one-year warranty that components are free of manufacturing defects, reference Limited Warranty document, which is downloadable on www.chassisgrabber.com.

HDI is not responsible for any damages that result from improper installation or misuse of the equipment once it has been installed.

6.0 Installation

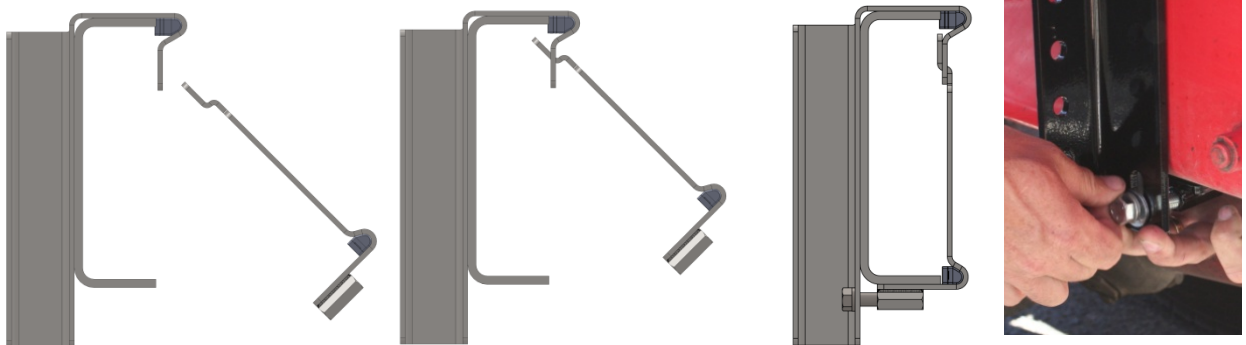
- 6.1 Optional Step: Apply duct tape or other adhesive tape to the inside surface of the top Chassis Grabber to protect painted surfaces and to prevent metal-to-metal contact.
- 6.2 It is important to achieve a proper fit when installing your Chassis Grabber. Install a base insert into the top bracket. Align the tab in the base insert so that it rolls into the slot in the bracket and is completely seated within the bend of the bracket. Add inserts and a cap (the insert with no holes in it) in the top bracket and roll the bracket over the top of the frame web, see pictures below.



- 6.3 Start to rotate the top Chassis Grabber bracket into position. As the bottom of the bracket approaches 1 inch from the face of the truck frame, some resistance should be encountered. If no resistance is felt 1 inch from touching the frame, add another insert between the base insert and the cap (the insert with no holes in it) and refit the bracket.
- 6.4 Repeat until resistance is felt as the bracket approaches 1 inch from touching the frame (vertical to ground). If significant resistance is encountered at 1 inch or more from the vertical position, you need to remove inserts and/or use thinner inserts between the base and the cap to achieve the correct fit. Some resistance is required to 'load' the inserts so that they provide protection from shock and vibration by acting as a type of suspension for your equipment.
- 6.5 Install the remaining base insert, spacer inserts and insert cap into the bottom bracket. Insert the paddle of the bottom bracket into the slot in the top bracket and rotate it into position, see image to the right.
- 6.6 Install the lock washer and flat washer onto the ½ X 2.5-inch bolt and insert through the slotted hole at the bottom of the top bracket so that it threads into the connecting nut on the bottom bracket, see pictures below.



IMPORTANT: Apply Red Loctite to both the threads of the bolt and the connection nut on the Bottom Bracket before inserting the bolt.



- 6.7 Tighten the bolt to pull the top and bottom Chassis Grabber brackets firmly against the truck frame. Torque to **35 foot pounds**.

Do not over tighten the bottom bolt as it will begin to bend the bracket.

7.0 Mounting Equipment

- 7.1 You are now ready to install your equipment to the Chassis Grabber brackets. Chassis Grabbers have a row of holes perpendicular to the frame and another row of holes parallel to the frame. Either set of holes can be used to mount your equipment. You may need to mark and drill holes in your equipment brackets to match the holes in the Chassis Grabber brackets.
- 7.2 Use two flat washers and one Nylock locking nut with each ½ inch bolt (hardware not included) to mount the equipment brackets to the Chassis Grabber brackets and torque each bolt to 60 foot-pounds.
- 7.3 To move or remove the equipment reverse the above procedure.