



GRAND DESIGN TSB 19-005 HAPPIJAC® HINGE ISSUE

TSB Number:	19-005		
Product:	HappiJac® Bed Lift		
Date:	October 10, 2019	Labor Rate:	0.5 hour per unit

Purpose

The purpose of this document is to inspect and install, if missing, the stop bolts in the backrest portion of the convertible sofa/bed system installed on HappiJac Bed Lifts. Backrests missing these stop bolts may sag past horizontal when in the bed position (Fig. 1).

Fig. 1



Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This document provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage.

⚠ CAUTION

The "CAUTION" symbol above is a sign that a procedure has a safety risk involved and may cause personal injury, product and/or property damage if not performed safely and within the parameters set forth in this document.

⚠ CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.



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Resources Required

- 1/2" wrench
- Part # 207869 - 5/16" x 1/2" Hex Cap Bolt
- Part # 118043 - 5/16" nylon locking nut

Inspection

Check both brackets securing the backrest for stop bolts. The stop bolts should be in the hole closest to the outside hinge when the system is in the bed position (Fig. 2A). If no stop bolts are found, go to Installation Instructions section.

Fig. 2



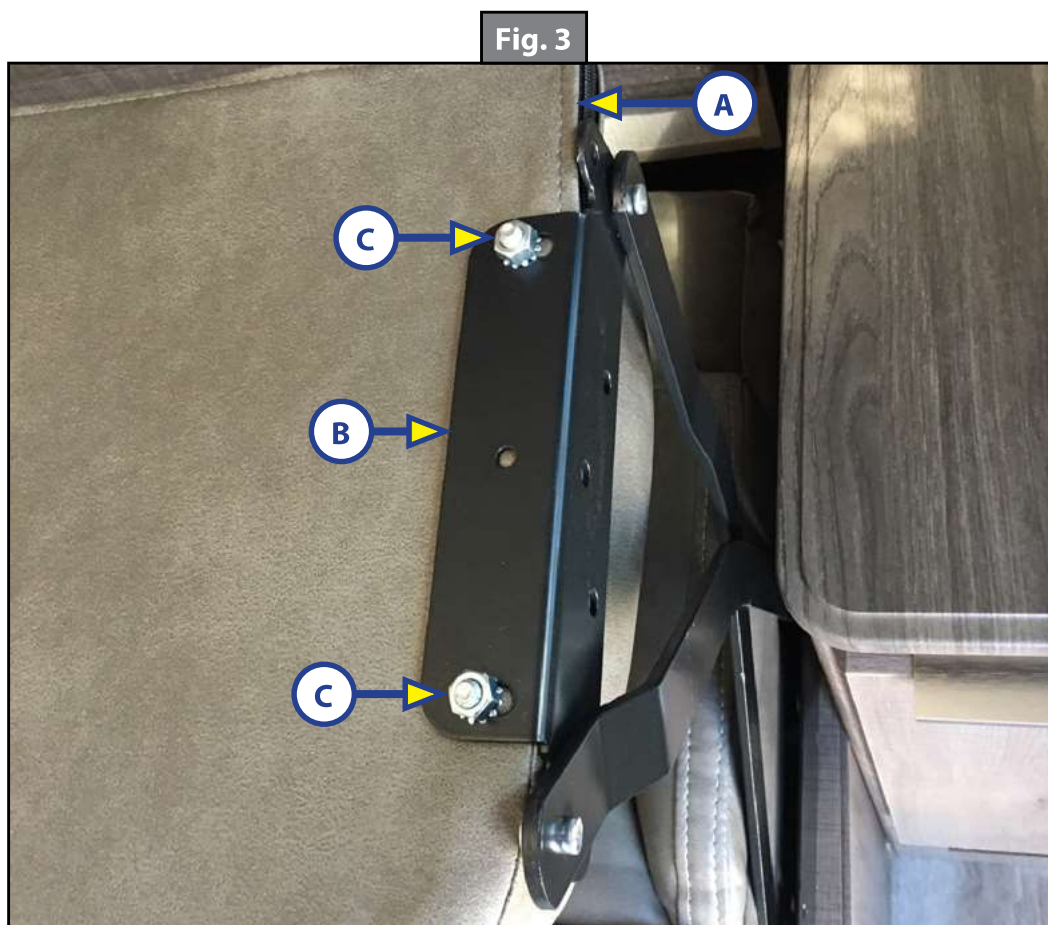


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Installation Instructions

1. Partially roll the backrest (Fig. 3A) over the seat cushion to expose both backrest hinges (Fig. 3B).



2. Using a 1/2" wrench, remove the nuts (Fig. 3C) from each backrest hinge.
 - A. Move the hinges away from the backrest.
 - B. Retain nuts for re-installation.



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3. Install the 5/16" x 1/2" stop bolts and 5/16" nylon locking nuts (Fig. 4A) are installed on the outside of the hinges.

Fig. 4



4. Reinstall the backrest hinges onto the backrest.
5. Reinstall the previously removed (step 2) backrest nuts.
6. After the installation is complete, rotate the backrest into the bed position. Make sure the backrest stays horizontal (Fig. 5).

Fig. 5



As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at lci1.com or by downloading the MyLCI app.