

Recall Number:	21V236 — US	2021-201 — Canada
Product:	Turning Point Pin Box	
Date:	04.16.21	Labor Rate: 0.3 Hours Inspection/0.8 Hours Replacement

Purpose

Incorrect Turning Point pin boxes may have been installed on some 5th Wheels, with 10K pin boxes installed instead of 16K pin boxes. A visual inspection is necessary to determine if the incorrect pin box has been installed. If a 10K pin box has been installed, then it must be removed and replaced with a 16K pin box (PN 657275). The inspection and replacement procedures are described in this document.

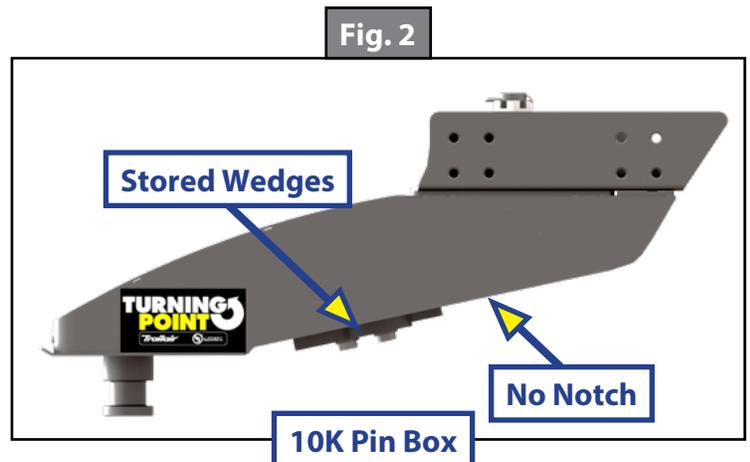
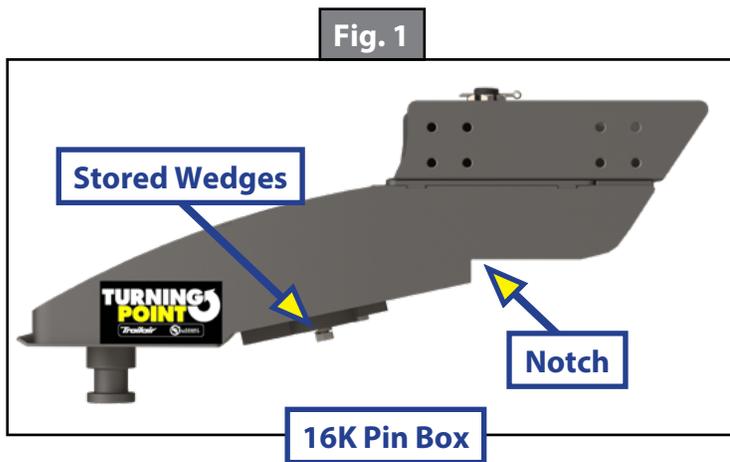
Safety

This document provides general instructions. Many variables can change the circumstances of any procedure, i.e. the degree of difficulty involved in the service operation and the ability level of the individual performing the operation. This document cannot begin to plot out procedures for every possibility, but will provide the general instructions for effectively installing, removing or servicing the system. In the event the skill level required is too advanced or the procedure too difficult, a certified technician should be consulted before performing the necessary operation. Failure to correctly install, remove or service the system may result in voiding the warranty, inflicting injury or even death.

Inspection

Inspect the side profile of the pin box to determine if it is a 16K or a 10K pin box.

1. Visually examine the bottom side of the pin box profile.
 - A. If there is a notch (Fig. 1) toward the end of the pin box after the stored wedges, it is a 16K pin box. Replacement is not necessary.
 - B. If there is no notch (Fig. 2) where the bottom edge of the pin box extends in a straight line past the stored wedges, it is a 10K pin box and needs to be replaced.



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Removal and Replacement

The procedures for replacing an existing pin box with a new pin box are listed.

WARNING

The “WARNING” symbol above is a sign that an installation procedure has a safety risk involved and may cause death or serious injury if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow the instructions provided in this document may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

WARNING

The trailer **MUST** be supported per manufacturer's specifications before working underneath. Failure to do so may result in death or serious personal injury.

CAUTION

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

Resources Required

- 1-2 people, depending on task
- Cordless or electric drill or screw gun
- Appropriate drive bits
- Torque wrench
- Impact wrench or ratchet
- Sockets
- Drift/centering pin
- Second drift/centering pin (optional)
- Hammer (optional)
- Replacement 16K pin box PN 657275
- Replacement hardware if existing hardware is damaged

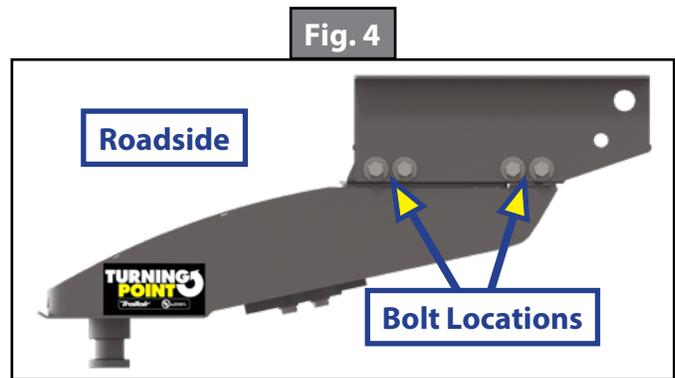
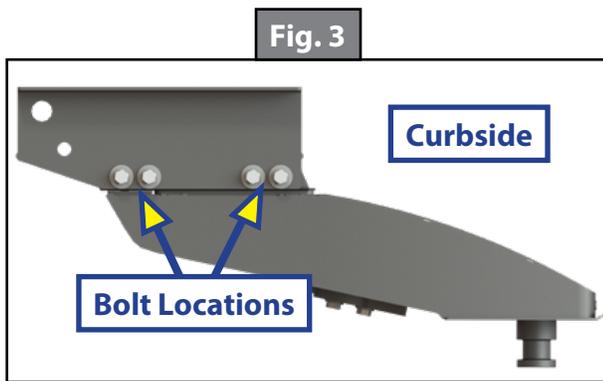
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⚠ WARNING

Due to the weight of the pin box, it is highly recommended at least two people install this system.

Preparation

1. Level the 5th Wheel front to back.
2. Make a note of the bolt locations of the factory pin box. The replacement pin box system will be remounted in the same hole settings (Figs. 3 and 4).



3. Properly support the pin box assembly.

NOTE: The pin box assembly weighs several hundred pounds and a minimum of two people are required to complete the removal and installation. A forklift may also be used to remove and replace the pin box.

⚠ WARNING

Properly support the pin box before removing bolts. Failure to do so may result in death, serious personal injury and/or severe product and property damage,

4. Remove fasteners that held the original pin box in place.
5. Remove factory pin box from the mounting frame.

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Installation

1. Hoist the new pin box into place.
2. Use a second person to line up the pin box to the mounting plate holes.
3. Using a drift/center pin (or screwdriver), center the holes and install one bolt on the curbside of the trailer at the front of the pin box in one of the same holes used to fasten the factory pin box (Fig. 5).
4. Install at least one bolt on the roadside of the trailer at the rear of the mounting plate (Fig. 6).
5. Reinstall all the bolts, washers and nuts that held the factory pin box in place.

NOTE: If the hardware is damaged during the disassembly process, replace with fasteners equivalent in style, grade and diameter.

6. Torque the 5/8" bolts to 160 ft-lbs.

Fig. 5

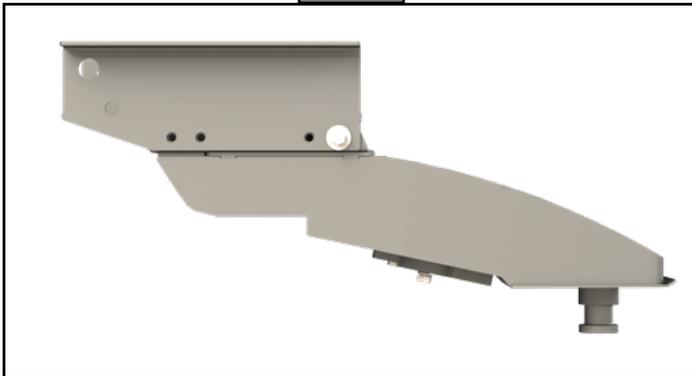
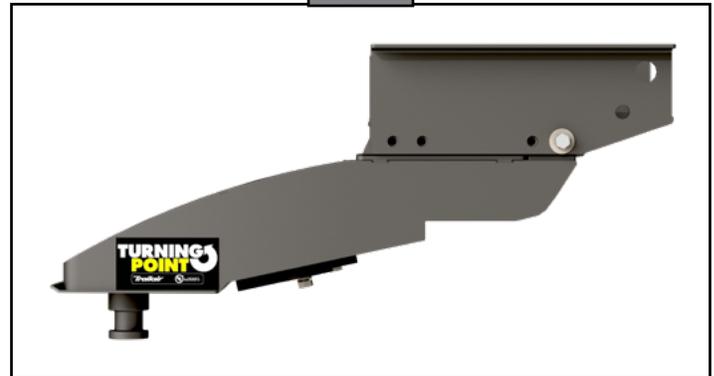


Fig. 6



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 lippert.com or by downloading the MyLCI app.