

GATE DEFENDER SCREW GEAR GREASE INSPECTION AND REMEDIATION

TSB Number:	45-001-2022		
Product:	Gate Defender		
Date:	May 13, 2022	Labor Rate:	0.3 Hours

Purpose

This document outlines procedures to inspect the Gate Defender jack to determine if there is grease on the screw gear. The initial product may have been shipped without grease, causing the jack to operate inefficiently. If no grease is found, the screw gear must be cleaned and grease is to be applied.

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.

WARNING

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

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.

Resources Required

- Grease: NLGI #2 Red Synthetic Lithium

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Procedure

⚠ WARNING

The trailer must be supported per the manufacturer's recommendations before working underneath. Failure to do so may result in death or injury.

⚠ CAUTION

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

1. Extend the Gate Defender jack to expose the screw gear.
2. Visually inspect the screw gear to determine if there is grease on the gear (Fig. 1).

Fig. 1



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3. If no grease is found on the gear, inspect the gear for damage.
4. If there is no damage, clean the gear and apply grease.
5. If the screw gear is damaged (Fig. 2), replace the jack. See Gate Defender OEM Installation Manual for installation instructions. <https://lci-support-doc.s3.amazonaws.com/manuals/leveling-and-stabilization/tonguejacks/ccd-0004425.pdf>

Fig. 2



Damaged Screw Gear

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 432-LIPPERT (432-547-7378) 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.



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Follow proper safety practices. If in doubt, consult a professional RV technician.