



GATE DEFENDER OWNER'S MANUAL

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Introduction

This document provides the information for the Owners Manual of the Gate Defender. The Gate Defender has a stroke of 21" and the load is 700 lbs.

Additional information about this product can be obtained from lci1.com/support or by downloading the free LippertNOW app. The app is available on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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Note: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual 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, including voiding of the Lippert limited warranty.

WARNING

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

WARNING

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

⚠ CAUTION

The “CAUTION” symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

⚠ 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.

Basic Jack Operation

⚠ WARNING

Be sure to park the trailer on solid and level ground. Prior to operation, clear all jack landing locations of debris and obstructions. The locations should also be free of surface depressions and moisture. When parking on extremely soft surfaces, utilize load distribution pads under each jack.

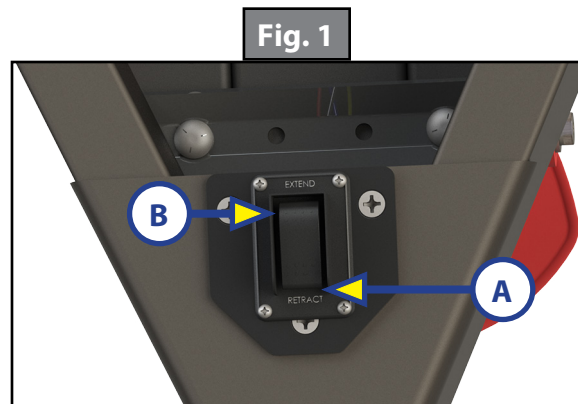
⚠ CAUTION

People and pets should be clear of the trailer while the leveling system is operated. Never lift the trailer completely off the ground. Lifting so the wheels are not touching the ground will create an unstable and unsafe condition.

Unhitching from Tow Vehicle

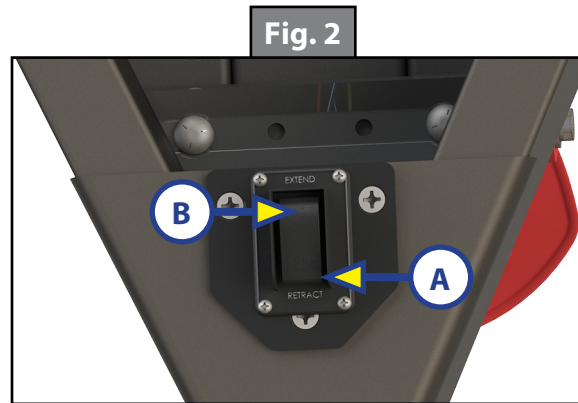
Note: The Gate Defender is designed for vertical movement of the trailer only.

1. Chock the tires of the trailer.
2. Make sure the ground surface under the Gate Defender tongue jack is firm and level.
3. Push EXT (Fig. 1B) to extend the Gate Defender tongue jack until the footpad touches the ground and the coupler clears the hitch ball.
4. Disconnect all electrical and mechanical connections between the trailer and tow vehicle.
5. Move the tow vehicle away from the trailer.
6. Push RET (Fig. 1A) as needed to return the front of the trailer to level.



Hitching To Tow Vehicle

1. Chock the tires of the trailer.
2. Press "EXT" (Fig. 2B) if needed to allow the coupler to clear the hitch ball.
3. Push "RET" (Fig. 2A) to retract the Gate Defender jack until the coupler properly mounts the hitch ball and the leg of the Gate Defender jack is fully retracted.
4. Latch the tow vehicle and connect any wires, chains or sway control that may be equipped between the tow vehicle and trailer.

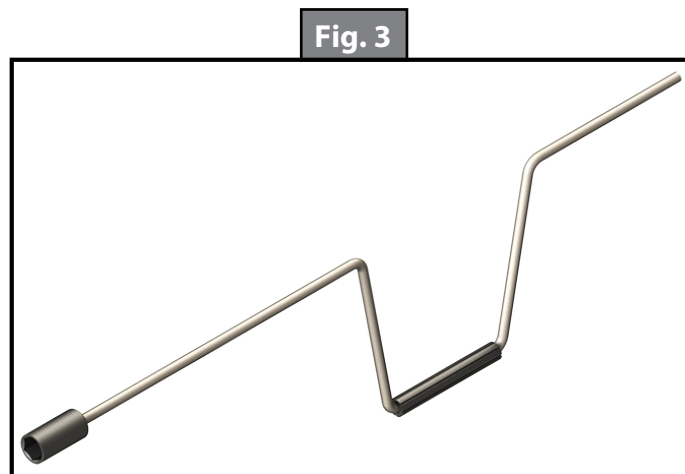


Troubleshooting Manual Override

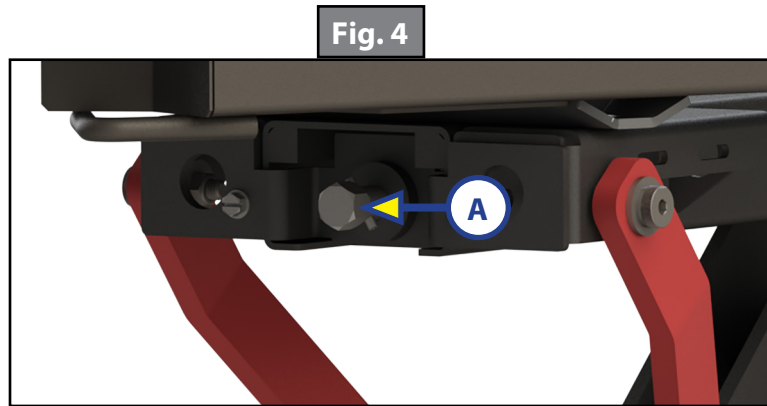
Note: Use of a 12-18 volt cordless screw gun or pneumatic screw gun is acceptable to manually override the jacks. Do not use an impact screw gun to perform any of the override procedures, as this may damage the motor. If manual override is necessary there are two options for each style of jack.

Gate Defender Manual Override Nut:

Tools needed: Crank Handle (Fig. 3A) OR 3/4" socket and ratchet



1. Locate the manual override nut (Fig. 4A).
2. Place crank handle socket end OR 3/4" socket and ratchet over the manual override nut (Fig. 4A) and turn the override nut until the jack extends or retracts to desired position.



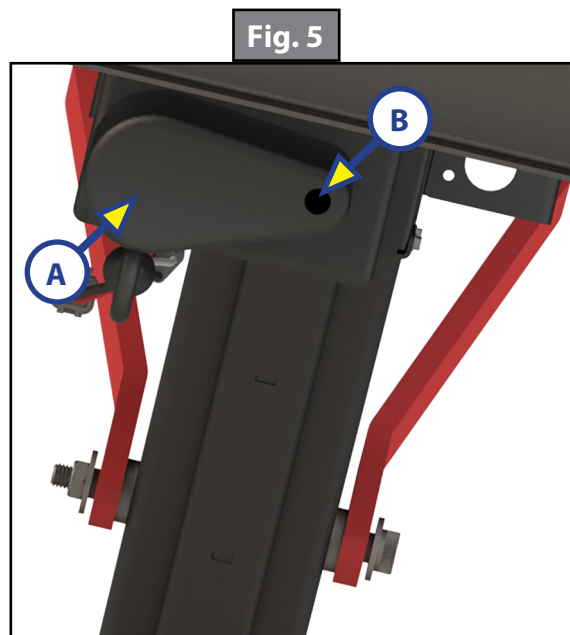
Gate Defender Motor Override:

Tools needed: 3/8" drive ratchet with 6" extension

1. Find the port on the back side of the Gate Defender motor cover (Fig. 5A).
2. Remove the rubber plug (Fig. 5B).
3. Insert the extension and ratchet into the port.

Note: The square drive end of the extension needs to engage with the square receptacle on the gearbox. The extension might need to be twisted back and forth slightly while pushing in to make the engagement.

4. Turn the override until the jack extends or retracts to desired position.



Preventive Maintenance

1. For optimum performance, the system requires full battery current and voltage. The battery must be maintained at full capacity.
2. Check the terminals and other connections at the battery, the controller, and the jacks for corrosion, and loose or damaged connections.
3. Remove dirt and road debris from jacks as needed.



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