

LIPPERT Quick Drop Stabilizer



LIPPERT Quick Drop Stabilizer Owner's Manual

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LIPPERT Quick Drop Stabilizer



Product Information

Specifications

- **Product Name:** Quick Drop Stabilizer
- **Intended Use:** Stabilizing trailers after leveling
- **Minimum Ground Clearance:** 16 inches from the ground to the mounting plate

Product Usage Instructions

Safety Information

Read and understand all instructions before installing or operating the product. Always adhere to safety labels and wear appropriate safety equipment.

Preparation

1. Ensure the trailer is on solid, level ground.
2. Clear stabilizer leg landing locations of debris and obstructions.
3. Use load distribution pads under stabilizer legs on extremely soft surfaces.
4. Maintain a minimum of 16 inches of ground clearance from the ground to the mounting plate.
5. Ensure people and pets are clear of the trailer during stabilizer operation.

Component Identification

The product components include a Hex Coupler, Mounting Plate, Safety Chain Inner Arm, Assembly Body, and Catchpole key Ring.

FAQ

- **What is the purpose of Quick Drop Stabilizers?**
 - Quick Drop Stabilizers are designed to stabilize trailers after they have been leveled, not to level the trailer itself.
- **What safety precautions should be followed when using Quick Drop Stabilizers?**
 - Always ensure the stabilizer area is clear of pets, people, and objects. Do not extend stabilizer legs beyond initial ground contact. Never lift the trailer completely off the ground to avoid unstable conditions.
- **What is the recommended ground clearance for the proper operation of Quick Drop Stabilizers?**
 - The stabilizers require a minimum of 16 inches of ground clearance from the ground to the mounting plate for optimal stabilization.

System Description

The Quick Drop Stabilizer can be installed on travel trailers and 5th Wheels. Travel trailer options include both front and rear stabilizers or a rear stabilizer only, while 5th Wheels typically utilize only a rear stabilizer. Contact Lippert to obtain replacement parts.

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.

iPhone®, and iPad® are registered trademarks of Apple Inc.
Google Play™ and Android™ are trademarks of Google Inc.

For information on the assembly or individual components of this product, please visit:

<https://support.lci1.com/stabilization>

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

Safety Information

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.

Quick Drop Stabilizers are intended for the purpose of stabilizing the trailer after the trailer has been leveled. The use of this system for any reason other than which it is intended is prohibited by Lippert's Limited Warranty and may result in serious personal injury or death. Quick Drop Stabilizers are designed as a stabilizing component system and should not be used to provide service for any reason under the trailer such as changing tires or repairing or replacing any components beneath the trailer.

WARNING

The “WARNING” symbol above is a sign that an installation procedure has a safety risk involved and may cause death, serious personal injury or severe product or property damage if not performed safely and within the parameters set forth in this manual. Always wear eye protection when performing this installation procedure. Other safety equipment to consider would be hearing protection, gloves, and possibly a full face shield, depending on the nature of the installation procedure.

WARNING

- Failure to act in accordance with the following may result in death, serious personal injury or severe product or property damage. Always make sure the stabilizer area is clear of pets, people, and objects before and during the operation of the system. Always keep away from the stabilizer legs when in operation.

WARNING

- Lippert recommends that a trained professional be employed to change the tires on the trailer. Any attempts to change tires or perform other service while the trailer is supported by the Quick Drop Stabilizers could result in death, serious personal injury or severe product or property damage.

Preparation

Quick Drop Stabilizers are intended for the purpose of stabilizing the trailer after the trailer has been leveled.

CAUTION

Quick Drop Stabilizers are to be used for stabilizing the trailer, not leveling the trailer. The stabilizer legs should never be extended beyond initial contact with the ground.

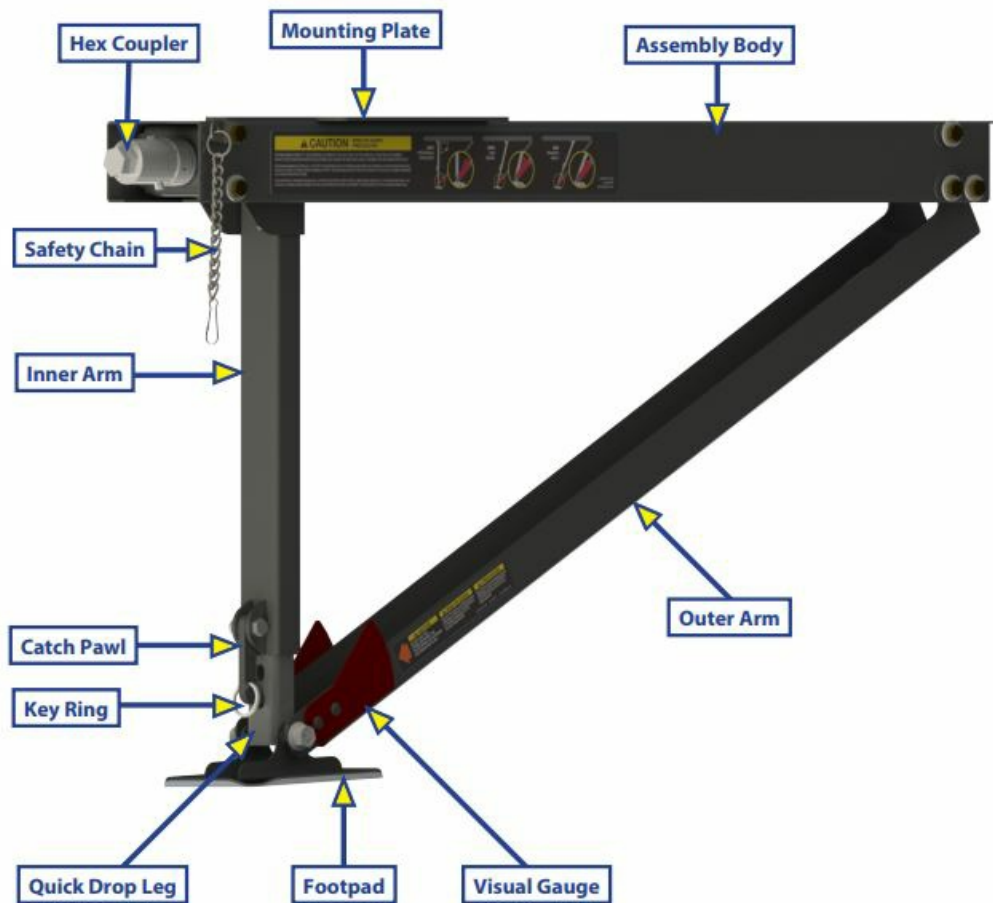
CAUTION

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

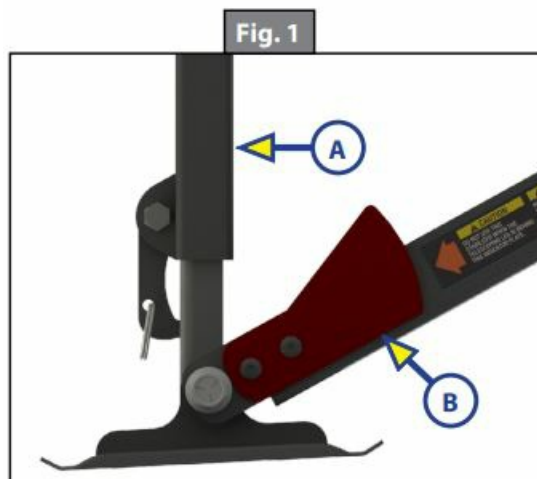
CAUTION Never lift the trailer completely off the ground. Lifting the trailer completely off the ground creates an unstable condition that could result in property damage and personal injury.

1. Make sure the trailer is on solid, level ground.
2. Clear all stabilizer leg landing locations of debris and obstructions. Locations should also be free of depression.
3. When parking the trailer on extremely soft surfaces, utilize load distribution pads under each stabilizer leg.
4. The Quick Drop Stabilizers require a minimum of 16" ground clearance from the ground to the mounting plate to operate properly and provide optimal stabilization.
5. People and pets should be clear of the trailer while operating the stabilizers.

Commonent Identification



Proper Stabilizer Position



• Using the Visual Gauge




- The Quick Drop leg must be positioned so that the trailer weight is evenly distributed by the stabilizer. The visual gauge (Fig. 1B) is referenced in the following instructions to determine that the Quick
- The drop leg has a sufficient angle to adequately stabilize the trailer.

WARNING

Failure to act in accordance with the following may result in death, serious personal injury or severe product or property damage. Always make sure the stabilizer area is clear of pets, people, and objects before and during the operation of the system. Always keep hands and fingers away from the stabilizer legs moving parts when in operation.

As the Quick Drop Stabilizer is extending, monitor the visual gauge as the outer arm drops and the inner arm moves across the assembly body toward the hex coupler. The arms will need to be open enough for the inner arm and quick drop leg (Fig. 1A) to move past the visual gauge (Fig. 1B). The following table shows examples of best practices for optimal use of the Quick Drop Stabilizer.

Note: The black line represents the ground in relation to the Quick Drop Stabilizer.

BEST	Optimal Stabilization is achieved when: <ul style="list-style-type: none"> • The inner arm and Quick Drop leg clear the visual gauge, • AND the inner arm and assembly body are almost at a 90 degree angle. 	
GOOD	Adequate Stabilization is achieved when: <ul style="list-style-type: none"> • The angle of the inner arm and assembly body are greater than 90 degrees, • BUT the inner arm and Quick Drop leg still clear the visual gauge. • The Good position can stabilize 500 lbs. per Quick Drop stabilizer leg. 	
BAD	Stabilization is inadequate when: <ul style="list-style-type: none"> • The inner arm and Quick Drop leg ARE NOT clear of the visual gauge. • The angle of the inner arm and assembly body is too great to ensure that the trailer weight can be evenly distributed. 	

CAUTION

Damage to components is possible if the stabilizer legs are extended/retracted to the fullest extent and the operator continues to rotate the crank handle. Do NOT use an impact driver to extend or retract stabilizers.

Operation

Resources Required

- 3/4" socket
- Ratchet (optional)
- Cordless drill (optional)
- Appropriate drive bits (optional)

Extending Stabilizers

1. Disconnect the safety chain (Fig. 2A) from the footpad (Fig. 2B).
2. Using a 3/4" socket on a ratchet or cordless drill, turn the hex coupler (Fig. 3A) clockwise to begin lowering the foot pad towards the ground.
 - **Note:** Use of an impact drill is not recommended and will cause damage to the mechanism.
3. After the footpad has extended to a point, it will be necessary to pull the catch pawl (Fig. 4A) and lower the

Quick Drop Leg (Fig. 4B) so that the foot pad (Fig. 4C) is positioned as close to the ground as possible.

4. Continue to turn the hex coupler clockwise until the footpad touches the ground and resistance is felt.

- **Note:** It may take a few attempts to adjust the Quick Drop Leg and turn the hex coupler to achieve optimal stabilization (Fig. 5).

5. Repeat the process for other stabilizer legs.

- **Note:** Upon completion, the inner arm should not have moved beyond a 90-degree angle perpendicular to the assembly body. Doing so may cause the mechanism to bind and cause damage.

Fig. 2

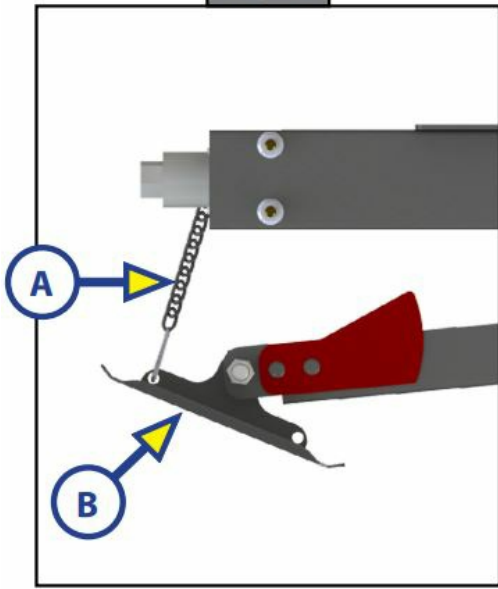


Fig. 3

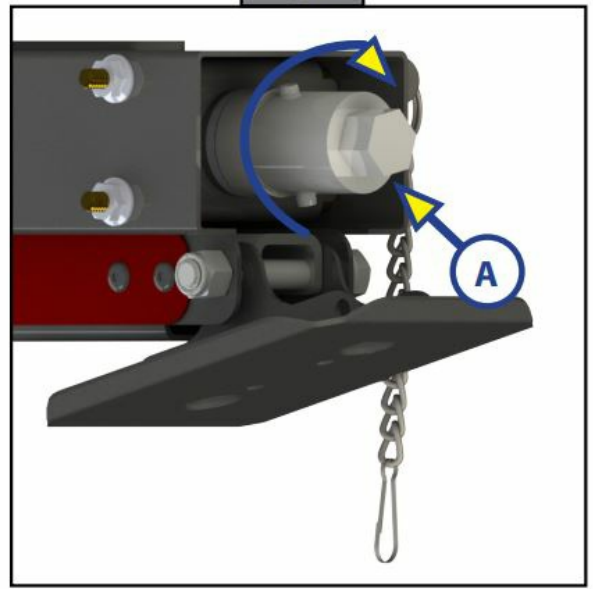


Fig. 4

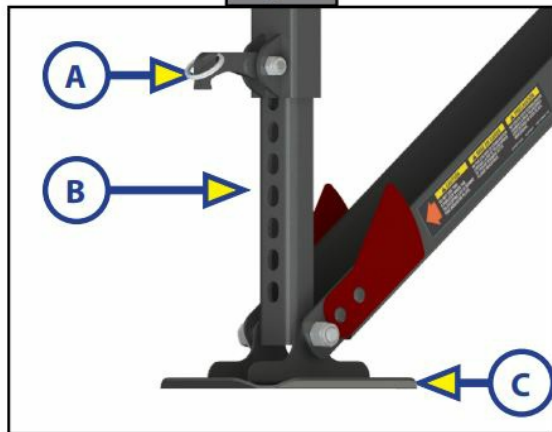


Fig. 5

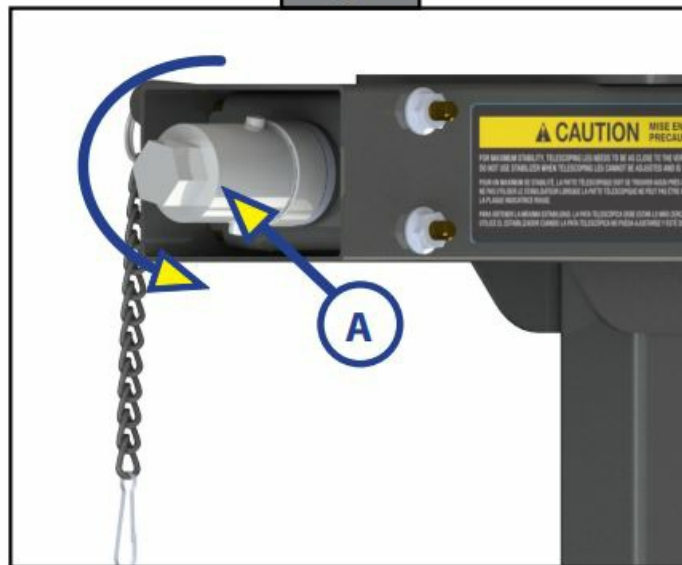


CAUTION

- Once the stabilizer legs have been extended, do not use the tongue jack on a travel trailer or the landing gear on a 5th Wheel. Damage to the stabilizer legs can occur when lifting or leveling the trailer after the stabilizer legs have been extended. Doing so will void the warranty of the stabilizers.

Retracting Stabilizers

Fig. 6



- Using a 3/4" socket on a ratchet or cordless drill, turn the hex coupler (Fig. 6A) counterclockwise to begin raising the foot pad off the ground.
- **Note:** Use of an impact drill is not recommended and will cause damage to the mechanism.

WARNING

Quick retracting stabilizers can pinch, crush, and cut causing severe personal injury. Keep clear and use caution when operating stabilizers to avoid personal injury.

Fig. 7

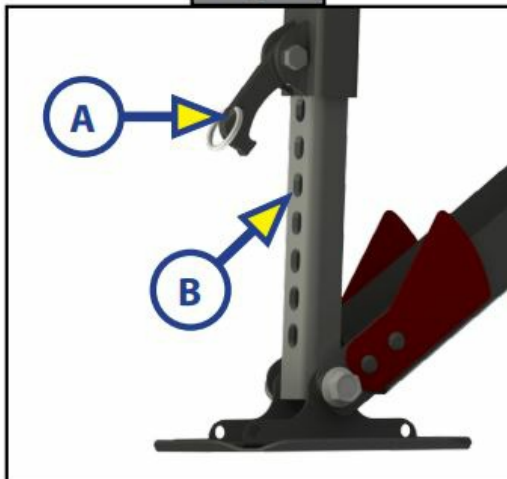
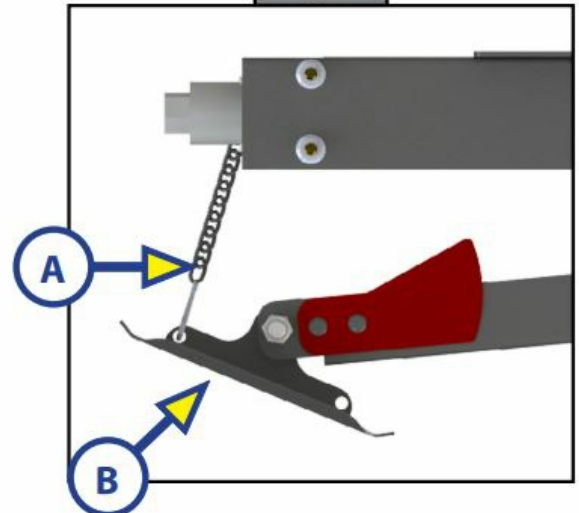


Fig. 8



1. **Note:** It is recommended to stop and pull the catch pawl (Fig. 7A) and completely retract the Quick Drop leg (Fig. 7B) into the inner arm for the next use. Finish turning the hex coupler counterclockwise to completely retract. The Quick Drop Stabilizer, however, can be completely retracted using a 3/4" socket on a ratchet or cordless drill and no additional user guidance.
2. Loop the spring hook (Fig. 8A) into one of the four holes on the footpad (Fig. 8B).
3. Repeat the process for other stabilizer legs.
 - **Note:** Make sure the stabilizer legs are fully retracted before moving the trailer

- **CAUTION**

Do not over-tighten the hex coupler while retracting the Quick Drop Stabilizer.

System Maintenance

WARNING

Failure to act in accordance with the following may result in death, serious personal injury or severe product or property damage.

Maintenance

It is recommended that the moving parts be kept clean and may be washed with mild soap and water. The ACME screw is pre-coated with lubricant. If the screw is cleaned, it may be necessary to add any type of lithium-based lubricant to the screw to ensure smooth stabilizer operation.

CAUTION

Operating the stabilizer without grease on the screw could lead to product failure.

Troubleshooting

What Is Happening?	Why?	What Should Be Done?
Hex coupler is difficult to turn.	Debris in mechanism.	Remove debris and clean mechanism with mild soap and water. Apply a light coating of lithium-based lubricant to the acme screw and pivot points.

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Please recycle all obsolete materials.

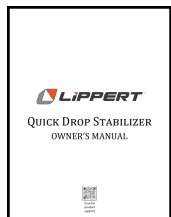
For all concerns or questions, please contact Lippert

- **Ph:** 432-LIPPERT (432-547-7378)
- **Web:** lippert.com
- **Email:** customerservice@lci1.com



Scan for product support

Documents / Resources



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Quick Drop Stabilizer, Quick, Drop Stabilizer, Stabilizer

References

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