



# Quick Drop<sup>®</sup> Stabilizer

## Installation and Owner's Manual

(For Aftermarket Applications)

### Quick Drop<sup>®</sup> Stabilizer Kits

Part #	Description
<a href="#">2022016064</a>	Single Leg Kit
<a href="#">2022016065</a>	Double Leg Kit

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## Quick Drop® Stabilizer Installation and Owner's Manual (For Aftermarket Applications)

### Introduction

Quick Drop® Stabilizers 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.

Additional information about this product can be obtained from <https://support.lci1.com/> or by using the LippertNOW app. Replacement components can be ordered from <https://store.lci1.com/> or by using the LippertNOW app.

The LippertNOW app is available for free on Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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

For additional support on this product, scan this QR code or go to: <https://support.lci1.com/quick-drop-stabilizer>



### Safety Mechanism Note

Due to differences in manufacturing, the safety mechanism used to secure the stabilizer while the trailer is in transit may differ from those presented in this manual. If the mechanism purchased matches what is presented in this manual, follow the instructions for use and replacement parts as written. Otherwise, disregard said information as it is not applicable to the mechanism in hand.

### 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.

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.

#### **⚠ WARNING**

QUICK DROP STABILIZERS ARE DESIGNED AS A STABILIZING COMPONENT ONLY. DO NOT USE ANY QUICK DROP STABILIZERS TO LEVEL A TRAILER. USE OF QUICK DROP STABILIZERS TO LIFT A TRAILER FOR SERVICE CAN CREATE A DANGEROUS SITUATION THAT CAN RESULT IN DEATH, SERIOUS PERSONAL INJURY OR SEVERE PRODUCT OR PROPERTY DAMAGE.

#### **⚠ CAUTION**

MOVING PARTS CAN PINCH, CRUSH OR CUT. KEEP CLEAR AND USE CAUTION.

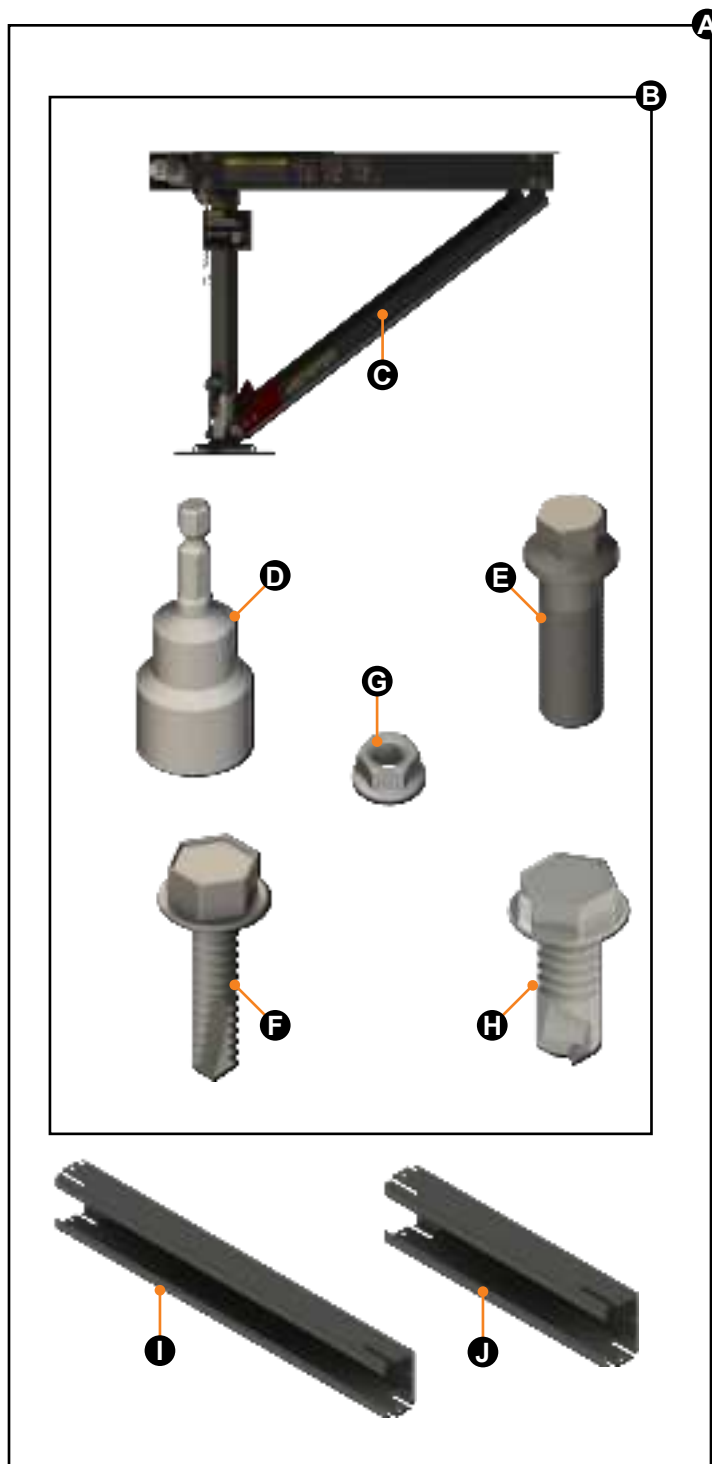
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## Parts List

Quick Drop Stabilizer Kits			
Letter	PN	Description	Qty
Kit-A	<a href="#">2022016065</a>	Double Leg Kit	1
C	2021102390	Quick Drop Stabilizer	2
D	2022122715	Hex Socket, 3/4"	1
E	<a href="#">117919</a>	Flange Bolt, 3/8" - 16 x 1"	2
F	<a href="#">118102</a>	Self-drilling Screw, 1/4" - 14 x 1"	4
G	<a href="#">119072</a>	Flange Nut, 3/8" - 16	2
H	367009	Self-drilling Screw, 3/8" - 12 x 1"	6
I	<a href="#">2022120791</a>	Long Crossmember	1
J	<a href="#">2022120792</a>	Short Crossmember	1
Kit-B	2022016064	Single Leg Kit	1
C	2021102390	Quick Drop Stabilizer	1
D	2022122715	Hex Socket, 3/4"	1
E	<a href="#">117919</a>	Flange Bolt, 3/8" - 16 x 1"	1
F	<a href="#">118102</a>	Self-drilling Screw, 1/4" - 14 x 1"	2
G	<a href="#">119072</a>	Flange Nut, 3/8" - 16	1
H	367009	Self-drilling Screw, 3/8" - 12 x 1"	4



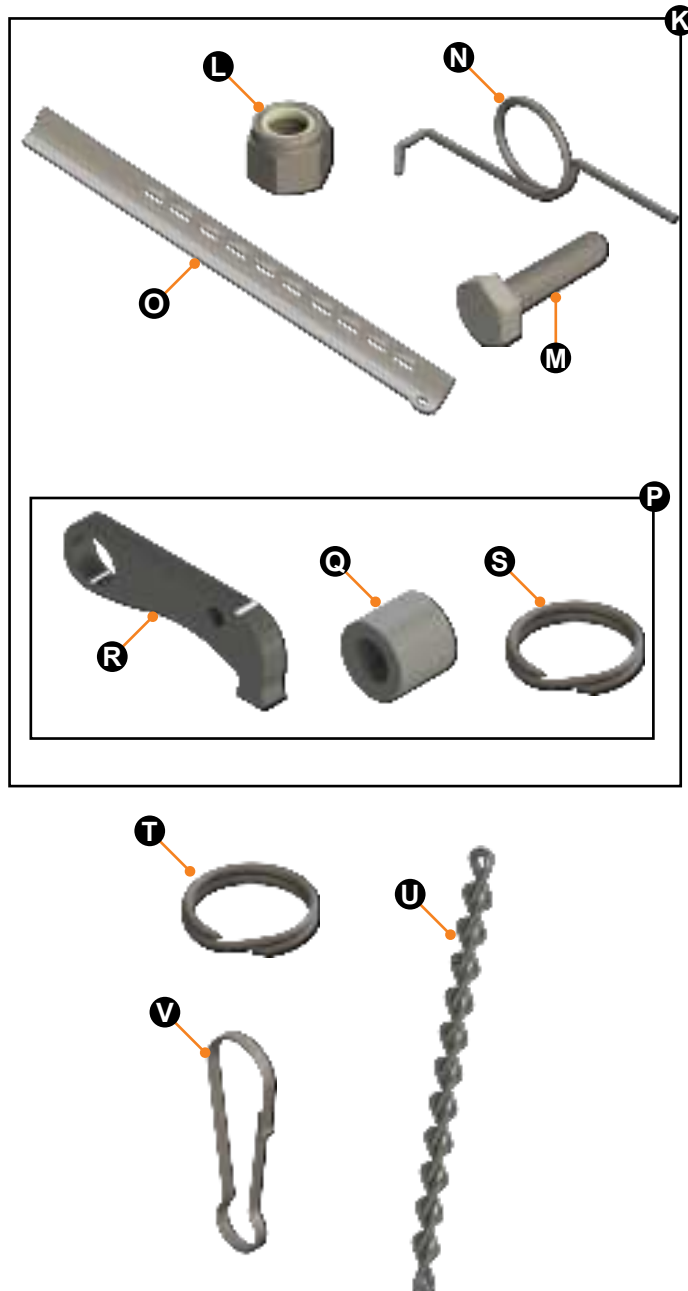
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Replacement Parts Kits			
Letter	PN	Description	Qty
Kit-K	<a href="#">2023042666</a>	Catch Pawl & Leg Replacement Kit	1
L	<a href="#">118042</a>	Locking Nut	1
M	<a href="#">242520</a>	Zinc Screw	1
N	<a href="#">2021102153</a>	Spring	1
O	202206882415	Drop Leg	1
Kit-P	2023042665	Pawl Assembly	1
Q	<a href="#">2021102284</a>	Bushing	1
R	<a href="#">2022068825</a>	Catch Pawl	1
S	2021102343	Catch Pawl Ring, 1" dia.	1
Individual Replacement Parts			
T	2021150249	Safety Mechanism Ring, 3/4" dia.*	1
U	2021150169	Chain*	1
V	2021149622	Chain Hook*	1
I	2022120791	Long Crossmember	1
J	2022120792	Short Crossmember	1

**NOTE:** \*These components comprise a version of the safety mechanism. This mechanism and its components may differ from those on the jack in hand. When replacing parts always replace like with like. Contact the Lippert Care Center for assistance with components of differing safety mechanisms.



## Installation (2 Legs, with Crossmember)

### Resources Required

- Cordless or electric drill or screw gun
- Appropriate drive bits
- 5/16" drill bit
- 25/64" drill bit
- Tape measure
- Torque wrench
- Clamps
- 1 to 2 people

### ⚠ WARNING

**THE TRAILER MUST BE SUPPORTED PER THE MANUFACTURER'S RECOMMENDATIONS BEFORE WORKING UNDERNEATH. FAILURE TO DO SO MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY OR SEVERE PRODUCT OR PROPERTY DAMAGE.**

### Preparation

1. Make sure trailer is parked with wheels chocked on level ground.

**NOTE:** It may be necessary to lift the trailer according to the manufacturer's recommendation using a properly-rated floor jack to safely work underneath the trailer.

2. Support framework in accordance with the manufacturer's recommendation.

3. Peel back the underbelly material to make sure there are no electrical, gas, hydraulic or sewage lines that will be damaged by Quick Drop installation. Move the mounting location or relocate the underbelly components if there are conflicts with the installation.

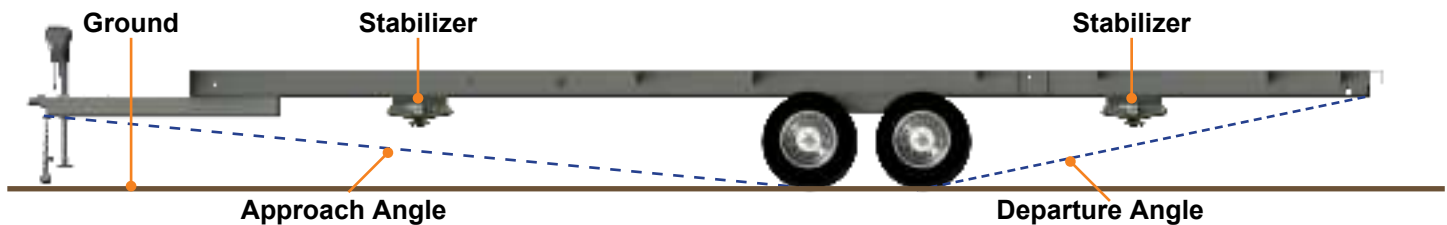


Fig.1

### Determine Stabilizer Locations

1. The rear stabilizer can be mounted at any point between the rear axle hanger and the bumper while making sure the system stays within the departure angle. The front stabilizer can be mounted anywhere as long as the system remains within the approach angle.

2. To measure approach and departure angle, run a string line from the meeting point of the tire and ground up at an angle to the lowest point on the front and rear of the trailer. These string lines are shown as dotted lines (Fig. 1).

**NOTE:** The stabilizing systems are shown for reference only to help mark proper locations. Any location outside these guidelines will need Lippert engineering approval.

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### Determine Size of the Crossmember

The Quick Drop Stabilizer System Double Leg Kit comes with two (2) Quick Drop Stabilizer legs, a short crossmember piece, and a long crossmember piece. These crossmembers can be installed between the two legs as needed to accommodate the placement of the frame rails and/or overall width of the trailer.

1. Measure frame to determine the width of the trailer (Fig. 2). Specifically, measure from the outside of the frame flange to the outside of the frame flange on the other side (Fig.3A).

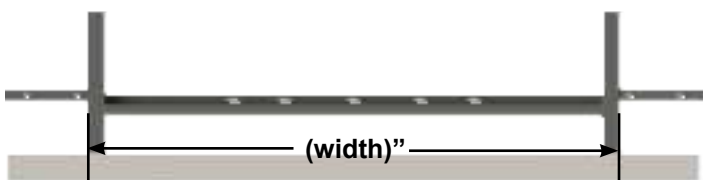


Fig.2

**NOTE:** Most trailers will have J Wrap/trim preventing the frame from being completely visible. The Quick Drop Stabilizer **MUST** be attached to the frame.

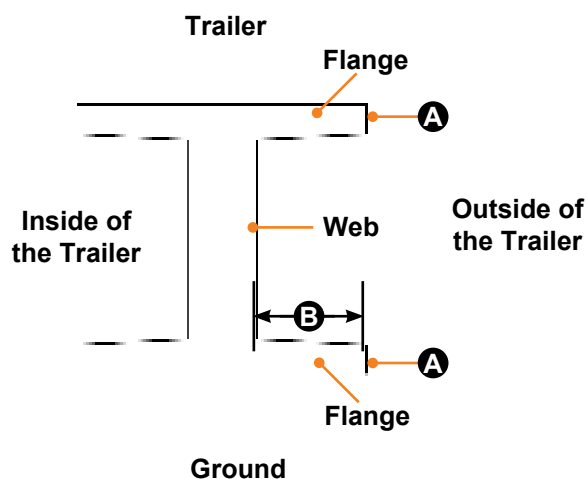


Fig.3

2. Measure the flange on the frame (Fig.3B) to determine the center of the outside flange. Then take the measurement and divide by 2. This is where the stabilizer will be attached to the frame.
3. Use the overall width (outside flange to outside flange) minus  $\frac{1}{2}$  the flange width of the right and left side to determine the necessary length of the Quick Drop Stabilizer system. Use this measurement to help determine the appropriate crossmember needed.

**NOTE:** The Quick Drop assembly needs to extend beyond the frame, but not past the wheels.

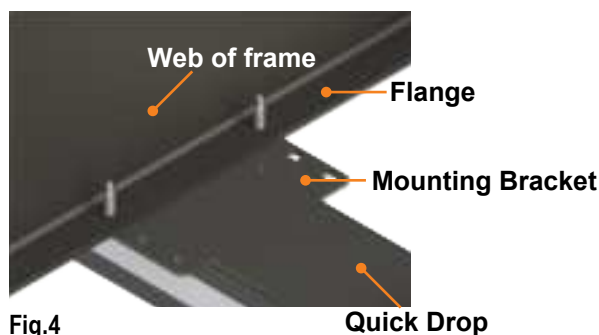


Fig.4

# Quick Drop® Stabilizer

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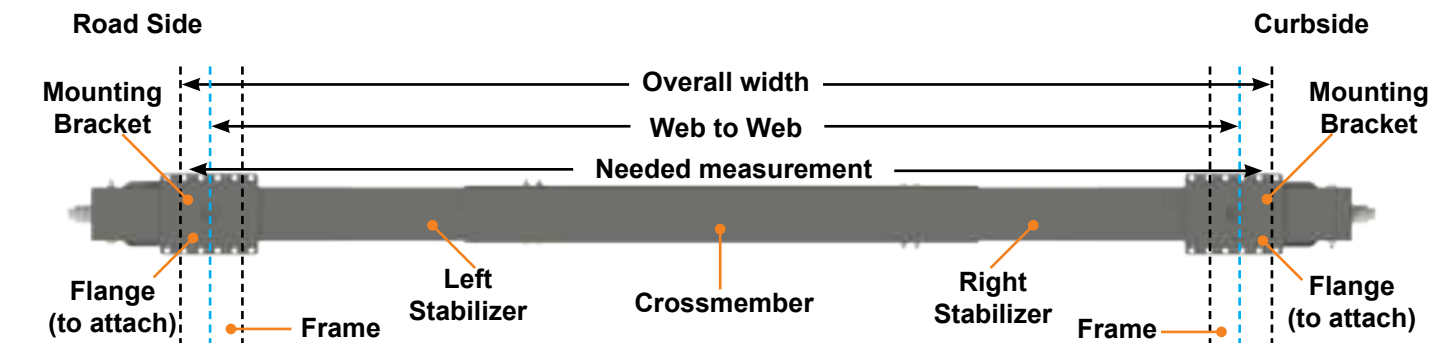


Fig.5

4. Depending on the the width measurement taken, determine the size of crossmember appropriate for the unit.



Fig.6

PN	Description	Length
2022120791	Long Crossmember	28.25"

### A. Long (Fig. 6).

- Inside of I-Beam flange, 61"
- Outside of I-Beam flange, 76"



Fig.7

PN	Description	Length
2022120792	Short Crossmember	16.84"

### B. Short (Fig. 7).

- Inside of I-Beam flange, 49 5/8"
- Outside of I-Beam flange, 64 5/8"

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### Attaching Quick Drop Legs to Crossmember

**NOTE:** Figure above illustrates for reference how assembly will be installed together.

1. Gather Quick Drop Stabilizer Double Kit parts on a work bench/table.
2. Loosen the three nuts (**Fig. 8A**) to allow the Quick Drop Stabilizer hinge end to slide into crossmember.

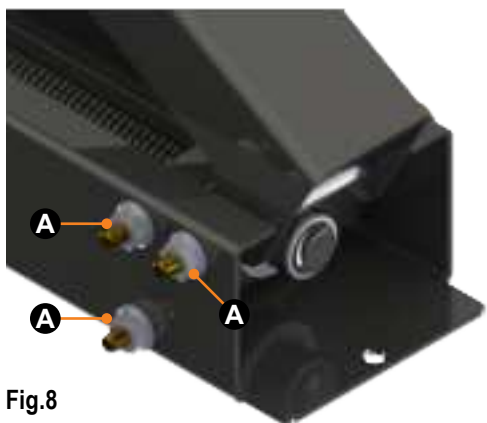


Fig.8

3. Slide the hinge end (**Fig. 9A**) into crossmember (**Fig. 9B**) and position in place (**Fig. 10**) to approximate width chosen.

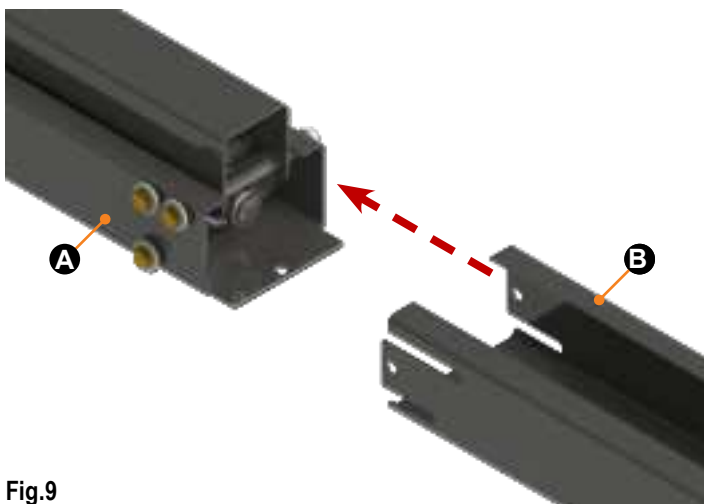


Fig.9

**NOTE:** Keep the washers (**Fig. 10A**) on the outside of the crossmember (**Fig. 10B**).

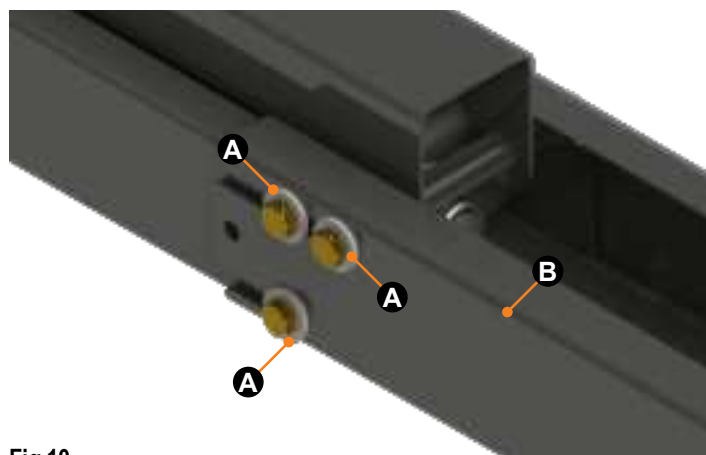


Fig.10

4. Use fingers to tighten the nuts into place (fingertight). Do not use tools to completely tighten as further adjustments may be necessary during mounting to the frame.

5. Repeat steps to attach other stabilizer to the opposite end of the crossmember.

**NOTE:** Make sure legs, once installed into crossmember, are evenly inserted on both sides so the weight and force will be distributed evenly during operation. Confirm overall width of assembly will fit unit.

6. Once measurement and placement is confirmed, finish assembling Quick Drop legs to crossmember by tightening each of the 6 nuts with a ratchet or screw gun and socket.

**NOTE:** Do not over tighten bolts as this can cause system binding. Tighten bolts just until sheet metal starts to bow inward.

**OPTIONAL:** While not necessary, optional hardware to provide extra installation security is included. To utilize this option, install the four (4) 1/4" self-drilling screws (**Fig. 11A**) into each side of each leg through the appropriate pre drilled hole on the crossmembers.

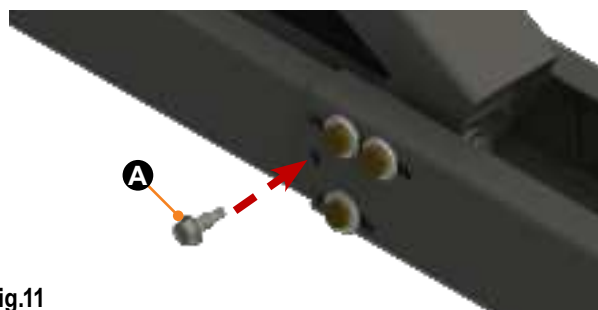


Fig.11



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### Attaching Stabilizers

**NOTE:** Do not weld Quick Drop Stabilizers to the trailer. Welding the system to the trailer voids all warranty claims.

1. Make sure trailer is parked and wheels are chocked.
2. Manually crank the system upward to place the stabilizers under the trailer as need be.



Fig.12

3. Mount stabilizer assembly across the trailer, from frame to frame, and center (Fig. 12). The stabilizer mounting brackets should equally extend over and outward from the frame as determined (Fig. 13A). Make sure stabilizer assembly is center and mounting brackets are extending equal distance.

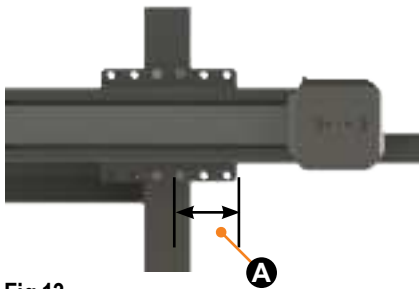


Fig.13

**NOTE:** Figure 13 shows Quick Drop Stabilizer upside down, as if the looking from the ground up underneath trailer. Figure 14 shows Quick Drop Stabilizer from a horizontal view to provide clarity.

**NOTE:** It may be helpful to clamp stabilizer in place to secure during the installation process.

**NOTE:** If installing Quick Drop Stabilizers onto a unit with an existing drilled hole pattern, such as for a jack plate, the existing holes can be used instead of drilling all brand new installation holes.

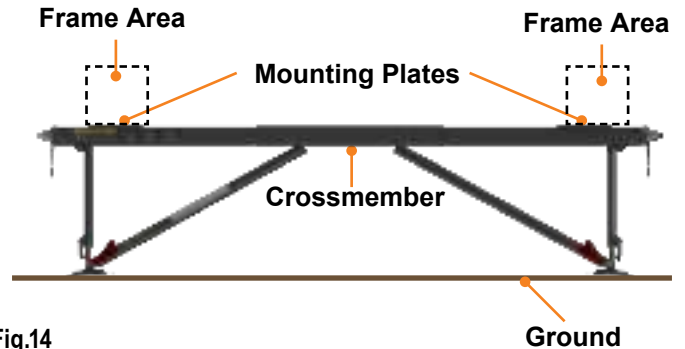


Fig.14

### ⚠ WARNING

**USE CAUTION DRILLING AND ATTACHING STABILIZERS TO THE FRAME. DO NOT DRILL INTO ELECTRICAL, GAS, OR WATER LINES AS THIS COULD CAUSE DAMAGE TO TRAILER OR PERSONAL INJURY.**

4. Drill six (6)  $\frac{5}{16}$ " pilot holes, three (3) per end, in the Fig. 15A positions.
5. Install six (6)  $\frac{3}{8}$ " self-drilling screws, three (3) per end, in the Fig. 15A positions.
6. Drill two (2)  $\frac{25}{64}$ " holes, one (1) per end), in the Fig. 15B positions.
7. Using two (2)  $\frac{3}{8}$ " bolts and flange nuts, securely fasten the stabilizer to the main frame rails with two bolts and nuts, one (1) per end, per mounting bracket in the Fig. 15B locations. Torque nuts to 23 ft-lbs.

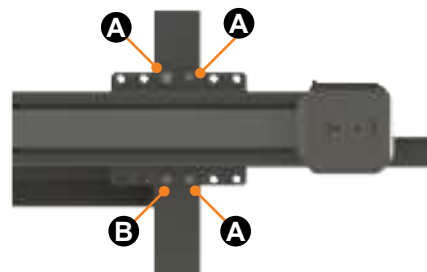


Fig.15

## Installation (1 Leg, Angled Application)

**NOTE:** This application does not utilize the center piece.

### Resources Required

- Cordless or electric drill or screw gun
- Appropriate drive bits
- $\frac{5}{16}$ " drill bit
- $\frac{25}{64}$ " drill bit
- Tape measure
- Torque wrench
- Clamps
- 1 to 2 people

### ⚠ WARNING

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### Preparation

1. Make sure trailer is parked and chocked on level ground.

**NOTE:** It may be necessary to lift the trailer according to the manufacturer's recommendation using the properly-rated floor jack to safely work underneath the trailer.

2. Support framework in accordance with the manufacturer's recommendation.

3. Peel back the underbelly material to make sure there are no electrical, gas, hydraulic or sewage lines that will be damaged by Quick Drop installation. Move the mounting location or relocate the underbelly components if there are conflicts with the installation.

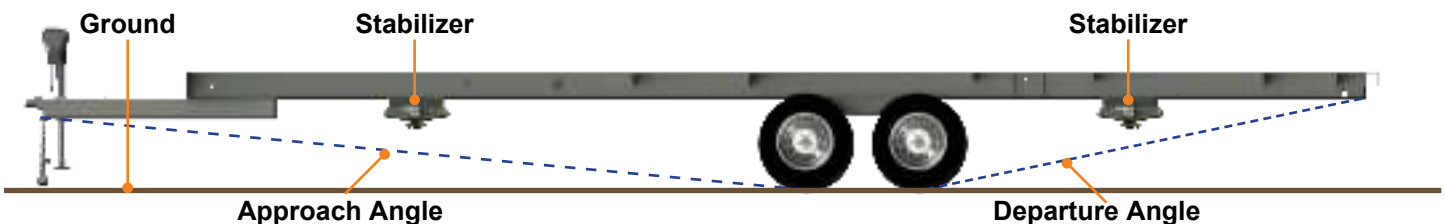


Fig.16

### Determine Stabilizer Locations

1. The rear stabilizer can be mounted at any point between the rear axle hanger and the bumper while making sure the system stays within the departure angle. The front stabilizer can be mounted anywhere as long as the system remains within the approach angle.

2. To measure approach and departure angle, run a string line from the meeting point of the tire and ground up at an angle to the lowest point on the front and rear of the trailer. These string lines are shown as dotted lines (Fig. 16).

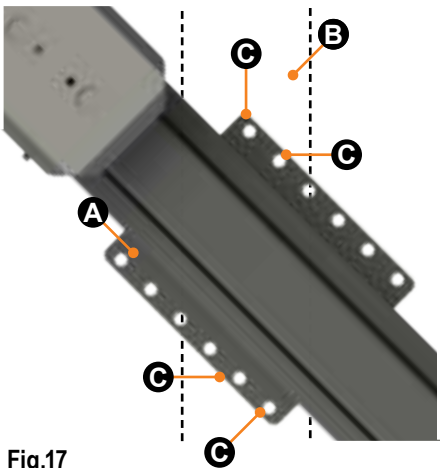
**NOTE:** The stabilizing systems are shown for reference only to help mark proper locations. Any location outside these guidelines will need Lippert engineering approval.

# Quick Drop® Stabilizer

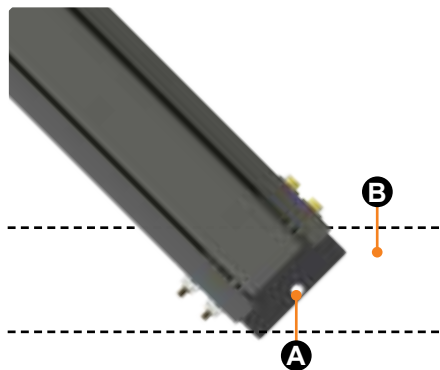
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3. The mounting brackets (Fig. 17A) (at the end of the Quick Drop Stabilizer where the legs are lowered) will have to be attached to the frame (Fig. 17B). Four (4) of the mounting holes (Fig. 17C) will be used, two (2) on each side and across from one another.



4. The end mounting hole (Fig. 18A) (at the other end of the Quick Drop Stabilizer that is inside the frame and under the trailer) will need to be attached to a cross beam (Fig. 18B).



### ⚠ WARNING

**USE CAUTION DRILLING AND ATTACHING STABILIZERS TO THE FRAME. DO NOT DRILL INTO ELECTRICAL, GAS, OR WATER LINES AS THIS COULD CAUSE DAMAGE TO TRAILER OR PERSONAL INJURY.**

### Attaching Stabilizers

**NOTE:** Do not weld Quick Drop Stabilizer system to the trailer. Welding the system to the trailer voids all warranty claims.

**NOTE:** Support chassis in accordance with the manufacturer's recommendations.

1. Using determined position, visually determine where the mounting bracket end and the center mounting hole will successfully attach to frame and cross member.

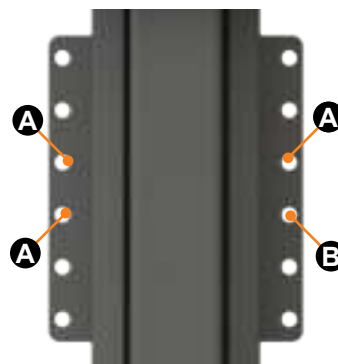
**NOTE:** It may be helpful to clamp stabilizer in place so it is secure during the installation process.

2. Drill three (3)  $\frac{5}{16}$ " pilot holes in the Fig. 19A positions.

3. Install three (3)  $\frac{3}{8}$ " self-drilling screws in the Fig. 19A positions to attach mounting bracket to the frame.

4. Drill one (1)  $\frac{25}{64}$ " diameter mounting hole in the main frame rails (Fig. 19B).

5. In the Fig. 19B location, use one (1)  $\frac{3}{8}$ " bolt and flange nut to securely fasten the stabilizer to the main frame rails. Torque nuts to 23 ft-lbs.



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6. Drill a  $\frac{3}{16}$ " pilot hole in the Fig. 20A position.
7. Install  $\frac{1}{4}$ " self-drilling screw through the mounting hole into the cross member (Fig. 20A).



Fig.20

8. Repeat process if additional Quick Drop Stabilizer legs are being installed.

**NOTE:** If installing Quick Drop Stabilizers onto a unit with an existing drilled hole pattern, such as for a jack plate, the existing holes can be used instead of drilling all brand new installation holes.

**NOTE:** Figure 21 shows mounting location with more clarity.

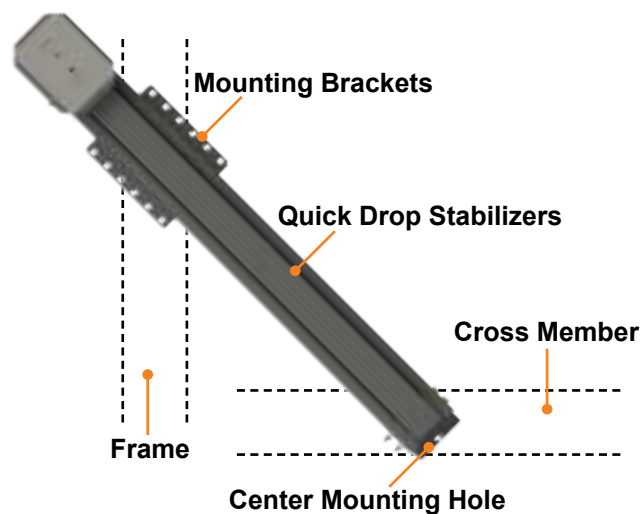


Fig.21

## Installation (1 Leg, Straight Application)

**NOTE:** This application does not utilize the center piece.

### Resources Required

- Cordless or electric drill or screw gun
- Appropriate drive bits
- 5/16" drill bit
- 25/64" drill bit
- Tape measure
- Torque wrench
- Clamps
- 1 to 2 people

### ⚠ WARNING

**THE TRAILER MUST BE SUPPORTED PER THE MANUFACTURER'S RECOMMENDATIONS BEFORE WORKING UNDERNEATH. FAILURE TO DO SO MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY OR SEVERE PRODUCT OR PROPERTY DAMAGE.**

### Preparation

1. Make sure trailer is parked and chocked on level ground.

**NOTE:** It may be necessary to lift the trailer according to the manufacturer's recommendation using the properly-rated floor jack to safely work underneath the trailer.

2. Support framework in accordance with the manufacturer's recommendation.

3. Peel back the underbelly material to make sure there are no electrical, gas, hydraulic or sewage lines that will be damaged by Quick Drop installation. Move the mounting location or relocate the underbelly components if there are conflicts with the installation.

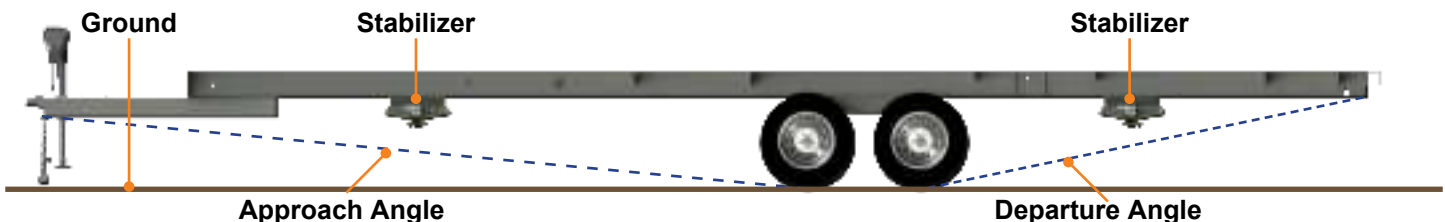


Fig.22

### Determine Stabilizer Locations

1. The rear stabilizer can be mounted at any point between the rear axle hanger and the bumper while making sure the system stays within the departure angle. The front stabilizer can be mounted anywhere as long as the system remains within the approach angle.

2. To measure approach and departure angle, run a string line from the meeting point of the tire and ground up at an angle to the lowest point on the front and rear of the trailer. These string lines are shown as dotted lines (Fig. 22).

**NOTE:** The stabilizing systems are shown for reference to help mark proper locations. Any location outside these guidelines will need Lippert engineering approval.

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3. The mounting brackets (Fig. 23A) (at the end of the Quick Drop Stabilizer where the legs are lowered) will have to be attached to the frame (Fig. 23B). Four (4) of the mounting holes (Fig. 23C) will be used, two (2) on each side and across from one another.

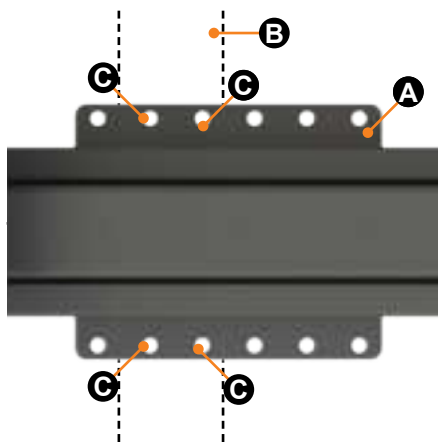


Fig.23

4. The end mounting hole (Fig. 24A) (at the other end of the Quick Drop Stabilizer that is inside the frame and under the trailer) will need to be attached to a cross beam (Fig. 24B).



Fig.24

## ⚠ WARNING

**USE CAUTION DRILLING AND ATTACHING STABILIZERS TO THE FRAME. DO NOT DRILL INTO ELECTRICAL, GAS, OR WATER LINES AS THIS COULD CAUSE DAMAGE TO TRAILER OR PERSONAL INJURY.**

### Attaching Stabilizers

**NOTE:** Do not weld Quick Drop Stabilizers system to the trailer. Welding the system to the trailer voids all warranty claims.

**NOTE:** Support chassis in accordance with the manufacturer's recommendations.

1. Using determined position, visually determine where the mounting bracket end and the center mounting hole will actually attach to frame and cross member.

**NOTE:** It may be helpful to clamp stabilizer in place so it is secure during the installation process.

2. Drill three (3)  $\frac{5}{16}$  " pilot holes in the Fig. 25A positions.

3. Install three (3)  $\frac{3}{8}$ " self-drilling screws in the Fig. 25A positions to attach mounting bracket to the frame.

4. Drill one (1)  $\frac{25}{64}$ " diameter mounting hole in the main frame rails (Fig. 25B).

5. In the Fig. 25B location, use one (1)  $\frac{3}{8}$ " bolt and flange nut to securely fasten the stabilizer to the main frame rails. Torque nuts to 23 ft-lbs.

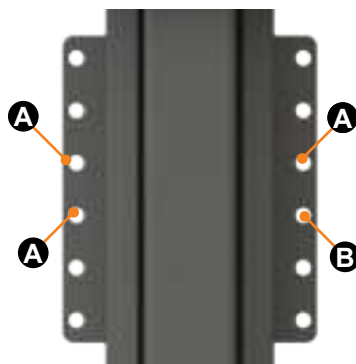


Fig.25

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6. Drill a  $\frac{3}{16}$ " pilot hole in the Fig. 26A position.
7. Install  $\frac{1}{4}$ " self-drilling screw through the mounting hole into the cross member (Fig. 26A).



Fig.26

8. Repeat process if additional Quick Drop Stabilizer legs are being installed.

**NOTE:** If installing Quick Drop Stabilizers onto a unit with an existing drilled hole pattern, such as for a jack plate, the existing holes can be used instead of drilling all brand new installation holes.

**NOTE:** Figure 27 shows mounting location with more clarity.

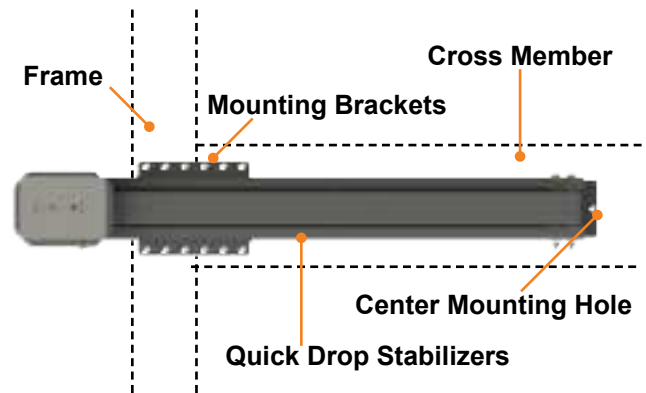
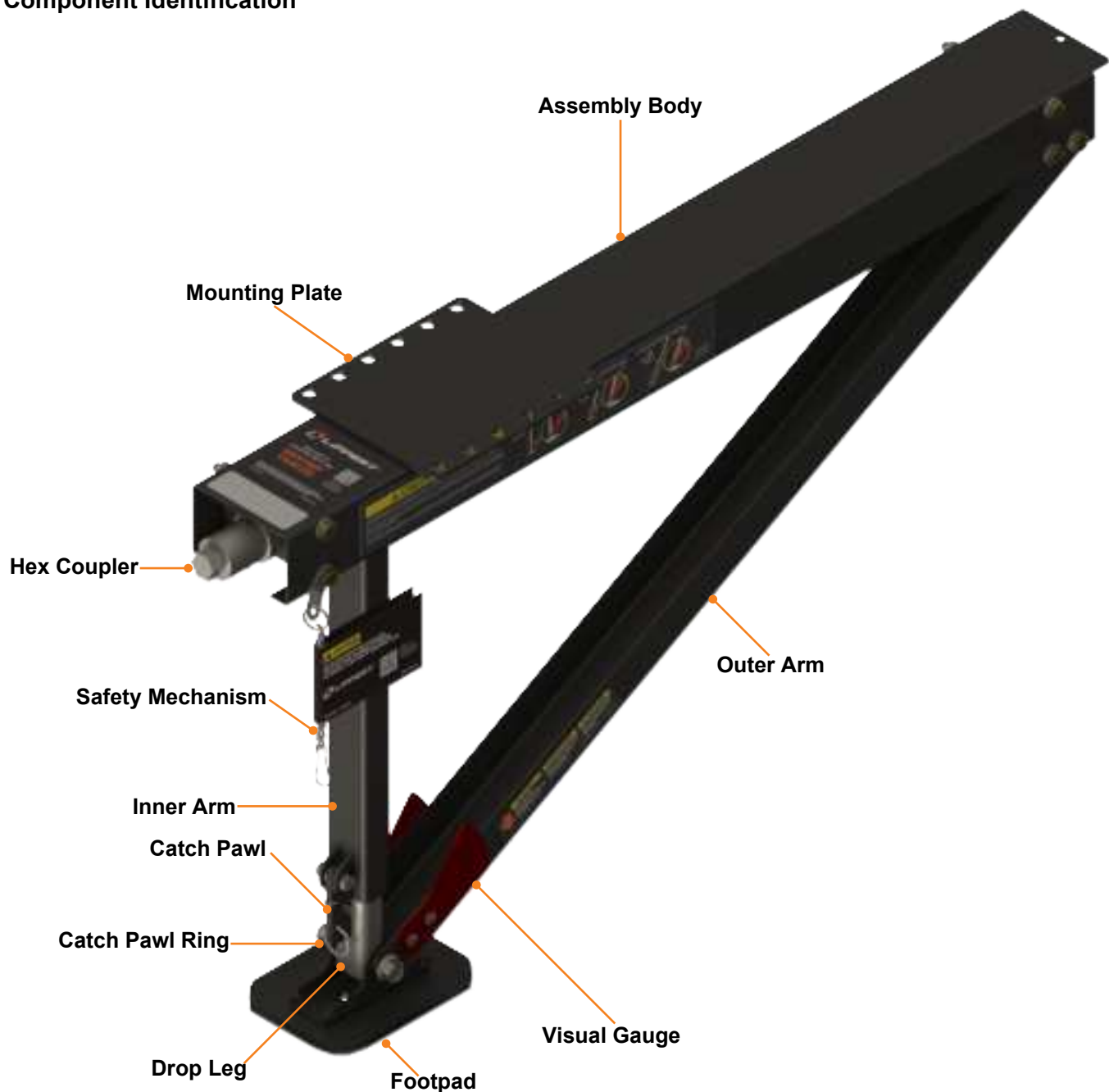


Fig.27

**NOTE:** Need to use Quick Drop Stabilizer in a different spot, consult with Lippert Customer Care team and/or preferred dealer.

## Additional Information

### Component Identification





## Quick Drop® Stabilizer

### Installation and Owner's Manual

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#### Proper Stabilizer Position

##### Using Visual Gauge

It is important that the Quick Drop leg be positioned so that the trailer weight is evenly distributed by the stabilizer. The visual gauge (Fig. 28A) is referenced in the proceeding instructions to determine that the Quick Drop leg has sufficient angle to adequately stabilize the trailer.

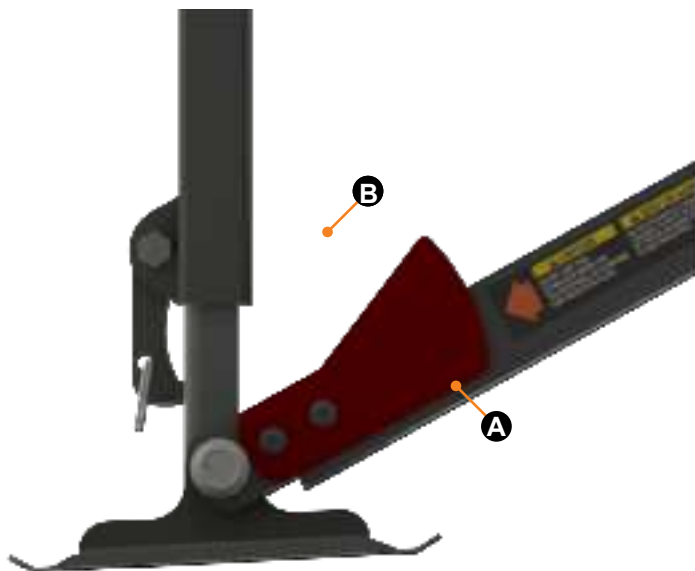


Fig.28

#### **⚠ 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 OPERATION OF THE SYSTEM. ALWAYS KEEP AWAY FROM THE STABILIZER LEGS 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 (Fig. 28B) for the inner arm and Quick Drop leg to move past the visual gauge.

**NOTE:** Figure 28B refers to the space that is open and between the arms as the Quick Drop Stabilizer is in use.

## Quick Drop® Stabilizer Installation and Owner's Manual (For Aftermarket Applications)

### Examples of Quick Drop Stabilizer Positioning

The following figures show examples of the Quick Drop Stabilizer from optimal to inadequate stabilization.

**NOTE:** The black line in Figures 29, 30 and 31 represents the ground in relation to the Quick Drop Stabilizer.

**BEST: Optimal Stabilization** is achieved when 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 (Fig. 29).



Fig.29

**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.

**GOOD: Adequate Stabilization** can be achieved with the inner arm and assembly body greater than a 90 degree angle, **BUT** the inner arm is clear of the visual gauge (Fig. 30). The Good Positioning can withhold 500 lbs. per Quick Drop stabilizer leg.



Fig.30

**NOTE:** The GOOD position (Fig. 30) is recommended for preloading so that the stabilizer can be extended and finish in the BEST position (Fig. 29) (90 degree angle).

**BAD: Stabilization is inadequate** when 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 assure that the trailer weight can be evenly distributed (Fig. 31).



Fig.31

# Quick Drop® Stabilizer

## Installation and Owner's Manual

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## Operation

### Resources Required

- ¾" socket
- Cordless or electric drill or screw gun

### Preparation

1. Be sure to park the trailer on solid, level ground.
2. Clear all stabilizer leg landing locations of debris and obstructions. Locations should also be free of depressions.
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" of ground clearance from the mounting surface of the stabilizer.
5. People and pets should be clear of trailer while operating the stabilizers.

## 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.**

### Extending Stabilizers

1. Disengage the safety mechanism (Fig. 32A).

**NOTE:** The safety mechanism on the actual product may differ from the one depicted in this manual.

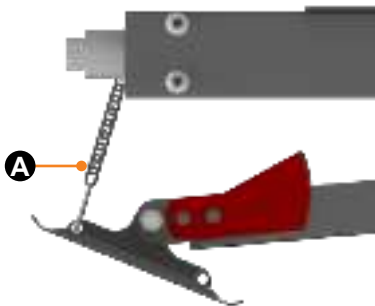


Fig.32

2. Using a ¾" socket on a ratchet or cordless drill, turn the hex coupler (Fig. 33A) 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.

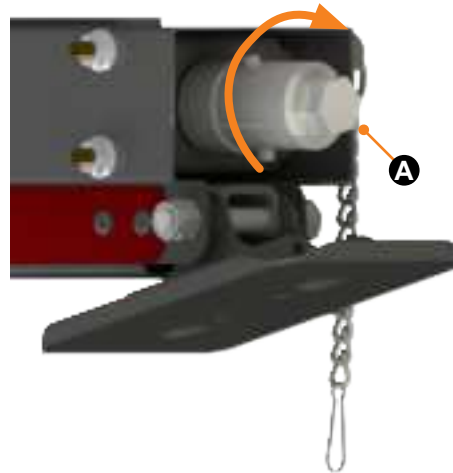


Fig.33

3. After the footpad has extended to a point, it will be necessary to pull the catch pawl (Fig. 34A) and lower the Quick Drop Leg (Fig. 34B) so that the foot pad (Fig. 34C) is positioned as close to the ground as possible.

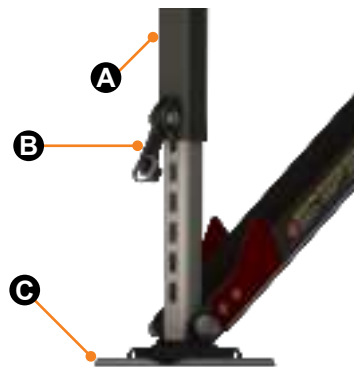


Fig.34

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

# Quick Drop® Stabilizer

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Fig.35

**NOTE:** It may take a few attempts of adjusting the Quick Drop Leg and turning the hex coupler to achieve the optimal stabilization (Fig. 35).

5. Repeat 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.

### ⚠ 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

1. Using a  $\frac{3}{4}$ " socket on a ratchet or cordless drill, turn the hex coupler (Fig. 36A) 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.



Fig.36

### ⚠ WARNING

QUICK RETRACTING STABILIZERS CAN PINCH, CUT, SCRATCH OR INJURE FINGERS AND HANDS. KEEP CLEAR AND USE CAUTION WHEN OPERATING STABILIZERS TO AVOID PERSONAL INJURY.

## Quick Drop® Stabilizer

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**NOTE:** The Quick Drop Stabilizer can be completely retracted. However, it is recommended to stop and pull the catch pawl (Fig. 37A) and completely retract the Quick Drop leg (Fig. 37B) into the inner arm for the next use. Finish turning the hex coupler counterclockwise to completely retract the Quick Drop Stabilizer.

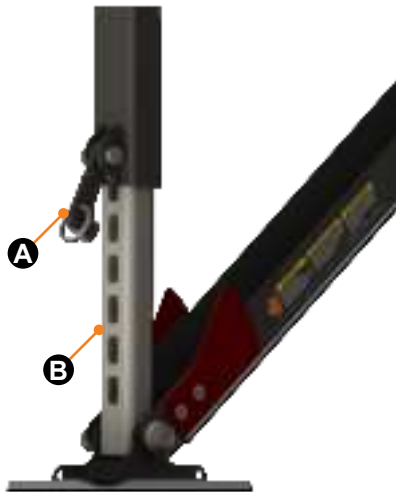


Fig.37

2. Secure the stabilizer leg with the safety mechanism. (Fig. 38A)

**NOTE:** The safety mechanism on the actual product may differ from the one depicted in this manual.

3. Repeat process for other stabilizer legs.

**NOTE:** Make sure the stabilizer legs are fully retracted before moving the trailer.

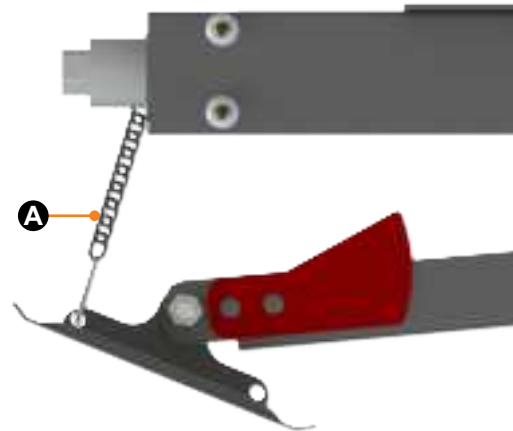


Fig.38

### CAUTION

DO NOT OVER-TIGHTEN THE HEX COUPLER WHILE RETRACTING THE QUICK DROP STABILIZER.



## Quick Drop® Stabilizer Installation and Owner's Manual (For Aftermarket Applications)

### Maintenance

It is recommended that when operating in harsh environments, e.g. road salt or ice buildup, the moving parts be kept clean. They can be washed with mild soap and water.

The Acme screw within the Quick Drop Stabilizer 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.

It is recommended to lubricate screw yearly to ensure ease of use and preventively to protect the system's longevity.

### 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.
Catch Pawl is cracking	Too much stress on system	<ul style="list-style-type: none"><li>• Use Quick Drop correctly to balance weight to not cause damage to stabilizers or trailer.</li><li>• Replace part.</li></ul>



## This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



## Quick Drop® Stabilizer Installation and Owner's Manual (For Aftermarket Applications)



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