## Lippert Components 733931

# Lippert Components Solid Step Instruction Manual

Model: 733931

## Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lippert Components Solid Step. Designed for RVs and travel trailers, the Solid Step offers enhanced stability and convenience for entry and exit. Please read this manual thoroughly before installation and use to ensure safe and proper operation.

## Important Safety Information

**FAILURE TO FOLLOW THE INSTRUCTIONS PROVIDED IN THIS MANUAL MAY RESULT IN DEATH, SERIOUS INJURY, TRAILER DAMAGE OR VOIDING OF THE PRODUCT WARRANTY.**
Always exercise caution when operating or maintaining the Solid Step. Ensure the area around the steps is clear before deploying or stowing. Keep children and pets away from moving parts.

## Features and Benefits

The Lippert Solid Step is engineered with several features to enhance your RV experience:

- **Added Stability:** Features an extra-wide top step and aluminum treads for a steady platform. Adjustable legs adapt to uneven surfaces, providing a secure foothold.
- **Easy Storage:** Folds seamlessly into your RV's entry doorway and locks securely in place for travel.
- **Optimal Safety:** Recessed feet at the base reduce tripping hazards. Steel steps eliminate bounce and enhance stability.
- **Durable Construction:** Aluminum treads are designed to withstand various elements.
- **Integrated Kickplate:** Prevents damage to your RV's sidewall.

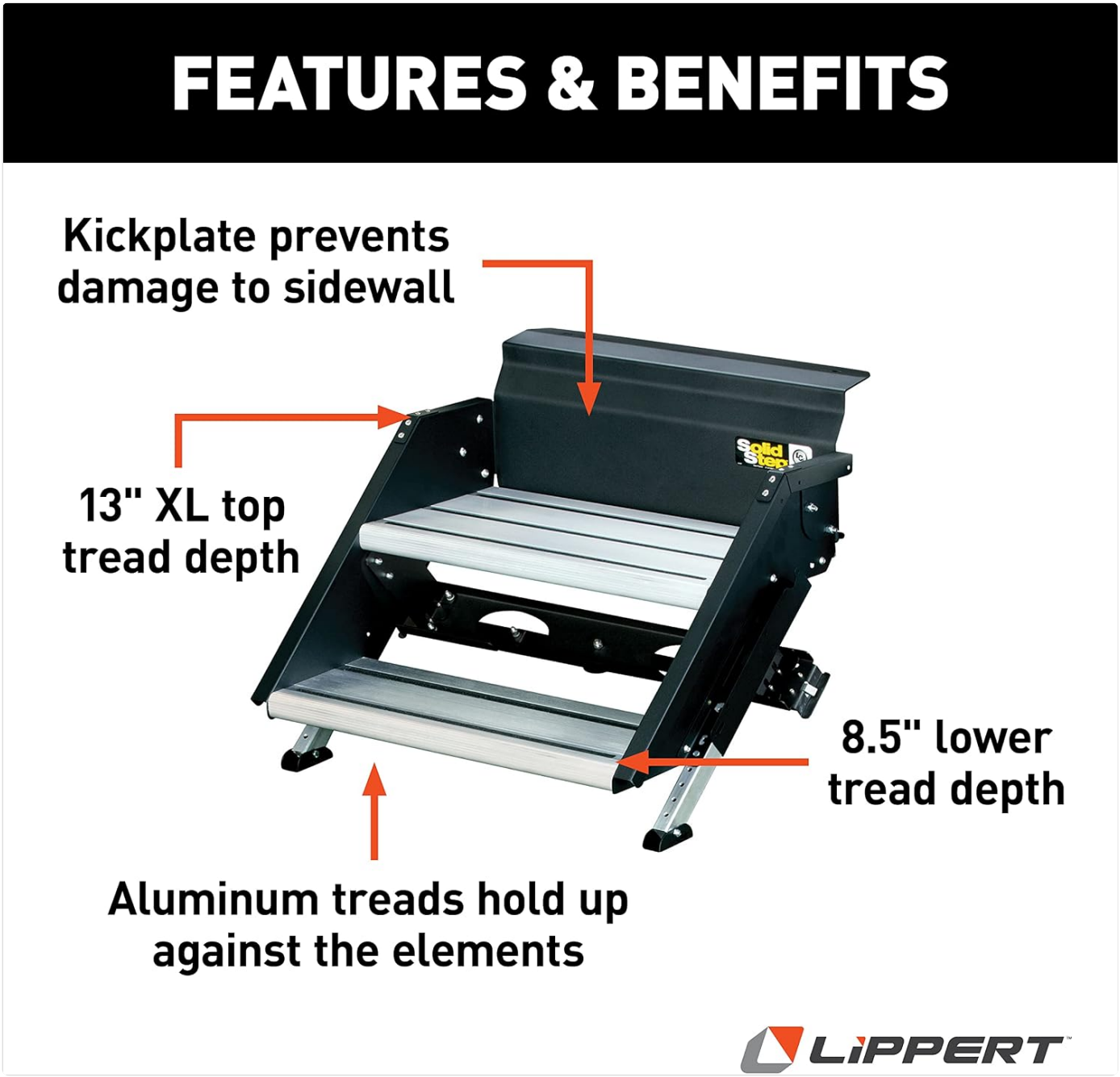



*Image: Key features of the Solid Step, including the kickplate, XL top tread depth, lower tread depth, and aluminum treads.*




*Image: A person and a dog using the Solid Step, demonstrating its stability on an uneven surface with adjustable legs.*




*Image: A person folding the Solid Step into the RV's entry doorway for storage.*




*Image: A person and a dog descending the Solid Step, highlighting the recessed feet for optimal safety.*

## Sizing Guide

To ensure you have the correct Solid Step assembly for your RV, it is crucial to take accurate measurements. The Solid Step is available in Double, Triple, and Quad assemblies, and in 26-inch or 30-inch sizes.

- **Required Floor Height:** Measure the height from the ground to your entry door threshold.
- **Entry Width (Frame-to-Frame):** Measure the inside edge to inside edge of your entry door frame, rounding up to the nearest even number. This measurement determines if you need the 26-inch or 30-inch Solid Step assembly.

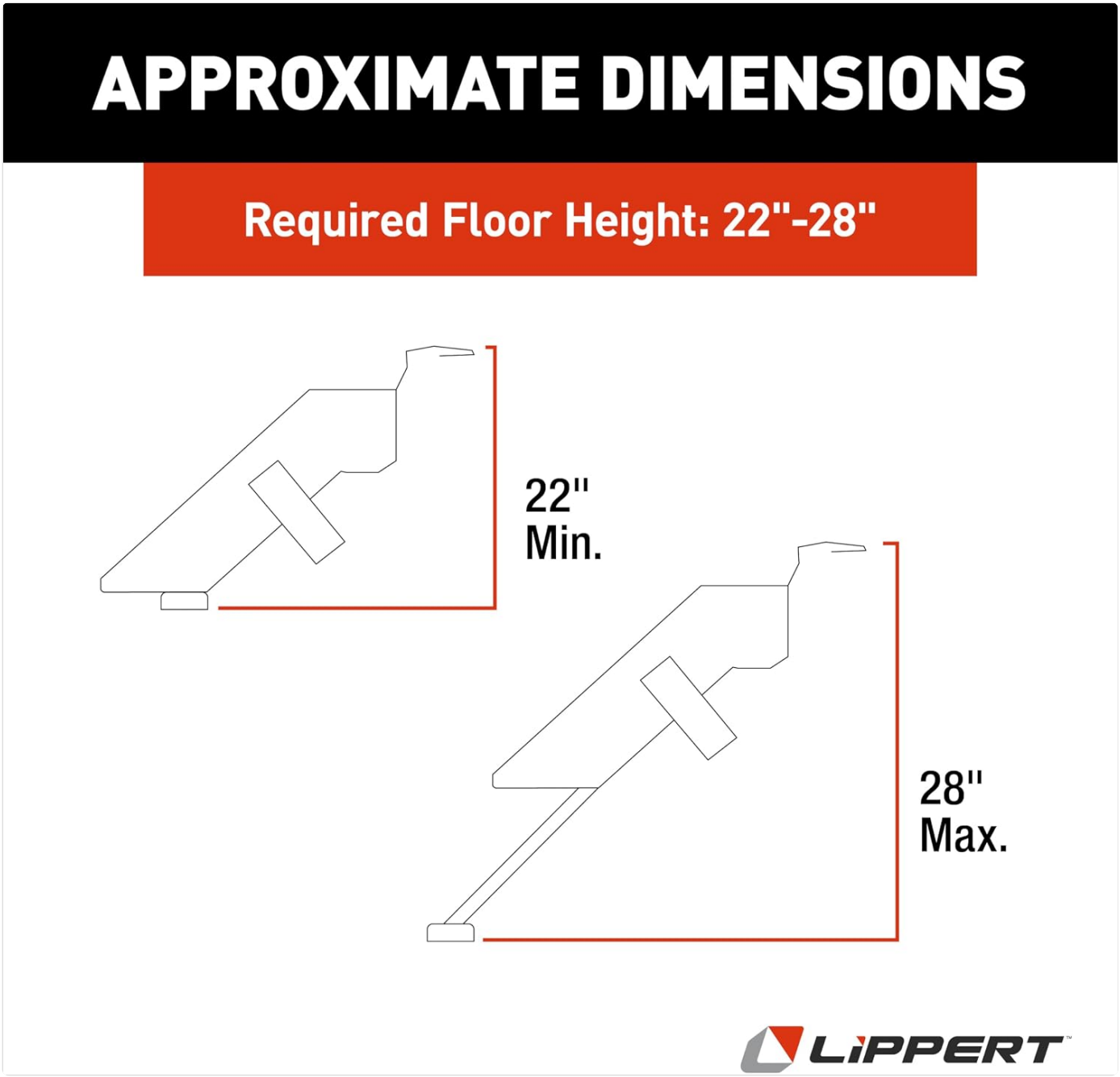



*Image: Diagram illustrating the required floor height measurements for the Solid Step.*

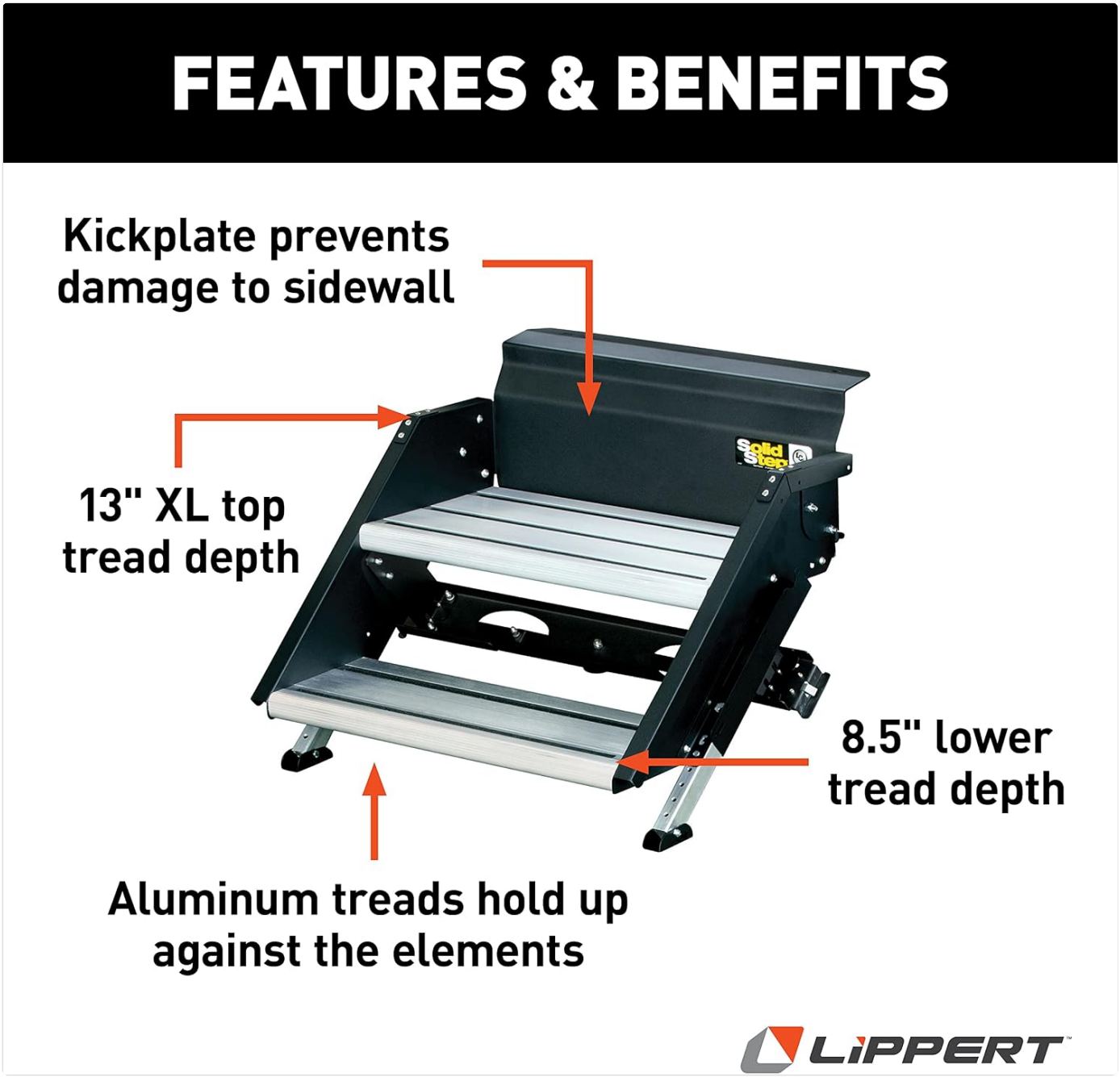



*Image: A table detailing part numbers, tread count, required floor height, entry width, and door sizes for various Solid Step models.*

Refer to the table in the image above to match your measurements with the appropriate Solid Step model.

## Setup and Installation

The Lippert Solid Step is designed for straightforward installation into your RV's existing entry door threshold. All necessary mounting and installation hardware is provided with the unit.

### Before You Begin:

- Ensure you have the correct size Solid Step for your RV by consulting the Sizing Guide section.
- Gather basic tools such as a screw gun/drill, measuring tape, and a small socket set.
- It is recommended to have a second person assist with the installation due to the size and potential awkwardness of the steps.

### Installation Steps:

1. Remove your RV's original steps. This typically involves removing four 9/16 bolts holding the assembly.
2. Remove the aluminum threshold transition piece (usually held by 4 screws).
3. Position the Solid Step assembly in the doorway. You can either use the supplied screws to secure it directly to the floor or drill through the floor using a template for a more secure fit. If drilling through, ensure to caulk or silicone bolts and holes to prevent water intrusion.
4. Adjust the latch mechanism to ensure the steps secure properly when folded up.
5. Verify that your screen door closes without interference. Some RVs may require minor modification to the screen door if the latch interferes.

For detailed, step-by-step instructions and visual aids, please refer to the official Installation Manual provided by Lippert Components. A PDF version of the manual is available here.

## Operating Instructions

### Deploying the Solid Step:

1. Open your RV's entry door.
2. Release the latch mechanism that holds the Solid Step in its stowed position.
3. Gently pull the steps downwards and outwards until they fully extend and the feet are on the ground.
4. Adjust the individual leg extensions as needed to ensure the steps are level and stable on uneven terrain. The recessed feet provide maximum clearance and prevent tripping hazards.

### Stowing the Solid Step:

1. Ensure no obstructions are present around the steps.
2. Lift the steps upwards, folding them back into the RV's entry doorway.
3. Secure the steps using the latch mechanism until they are firmly locked in place. This prevents movement during travel.

## Maintenance

Regular maintenance will ensure the longevity and optimal performance of your Lippert Solid Step.

- **Cleaning:** Periodically clean the steps and treads to remove dirt, mud, and debris. This is especially important before stowing to prevent dirt from entering your RV. Use mild soap and water.
- **Lubrication:** Apply a silicone-based lubricant to moving parts and pivot points annually or as needed to ensure smooth operation.
- **Inspection:** Regularly inspect all bolts, fasteners, and the latch mechanism for tightness and wear. Tighten any loose fasteners. Check for any signs of damage or corrosion.
- **Tread Condition:** Ensure the aluminum treads are free from excessive wear or damage that could compromise grip.

## Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
|---|---|---|
| Steps are difficult to deploy or stow. | Lack of lubrication; dirt/debris in mechanism; bent components. | Clean mechanism and apply silicone lubricant. Inspect for bent parts and contact support if necessary. |
| Steps feel wobbly or unstable. | Legs not properly adjusted on uneven ground; loose mounting bolts. | Ensure individual legs are adjusted to level the steps. Check and tighten all mounting bolts. |
| Screen door interferes with stowed steps. | Minor alignment issue or specific RV door design. | Adjust the latch or make minor modifications to the screen door as needed (refer to installation manual or professional). |
| Steps do not lock securely when stowed. | Latch mechanism misaligned or damaged. | Inspect the latch for damage. Adjust the latch mechanism as per installation instructions. |

If you encounter issues not listed here or require further assistance, please contact Lippert Components customer support.

## Specifications

| Attribute | Detail |
|---|---|
| Model Number | 733931 |
| Color | Black |
| Material | Alloy Steel |
| Exterior Finish | Aluminum |
| Item Dimensions (L x W x H) | 56 x 26.75 x 12 inches |
| Item Weight | 44.8 pounds |
| Vehicle Service Type | Trailer |
| UPC | 848150058676 |
| Automotive Fit Type | Universal Fit |
| Manufacturer | Lippert |
| Special Features | Adjustable for 22"-28" floor height, fits entry widths 25"-28.9" (for 26" model) |

## What's in the Box

Upon opening your Lippert Solid Step package, you should find the following components:

- Step Assembly
- Hardware Kit

- Instruction Manual (this document)

## Warranty and Support

For information regarding product warranty, please refer to the documentation included with your purchase or visit the official Lippert Components website. Lippert is committed to providing quality products and support.
If you require technical assistance, have questions about installation, or need to report a product issue, please contact Lippert Components customer service. You can find contact information on their official website or through your product retailer.
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**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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