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Stromberg Carlson AR-42

Stromberg Carlson AR-42 Lend-A-Hand Banister Rail User Manual

Model: AR-42

1. Product Overview

The Stromberg Carlson AR-42 Lend-A-Hand Banister Rail provides stable support for safe entry and exit from your RV. This handrail is designed for use with all double and some triple RV steps, enhancing stability and security. It features an anodized finish with ribbed tubing for a secure grip and can be folded flat for convenient storage when not in use.



Figure 1: The AR-42 Banister Rail providing steady support for RV steps.

2. Installation Instructions

2.1 Before You Begin

- Ensure the mounting surface on your RV has adequate structural support (e.g., framing) to securely attach the handrail brackets.
- Gather necessary tools: drill, appropriate drill bits, screwdriver, measuring tape, and a pencil for marking.
- Verify the AR-42 model is suitable for your RV's double or triple steps.

2.2 Mounting the Rail

1. Position the upper bracket on the side of your RV door frame. Ensure it is at a comfortable height for gripping the rail when extended.

2. Mark the drill points for the upper bracket. Use 1-inch screws for attachment.
3. Position the bottom bracket directly below the upper bracket, ensuring proper alignment with the RV steps. The diagram in Figure 2 provides detailed measurements for bracket placement.
4. Mark the drill points for the bottom bracket. Use 1-1/2 inch screws for attachment, securing into the hardwood floorboard if applicable.
5. Drill pilot holes at the marked locations.
6. Attach both the upper and lower brackets securely to the RV using the appropriate screws.
7. Insert the banister rail into the installed brackets.



Figure 2: Smart design and mounting measurements for the AR-42.

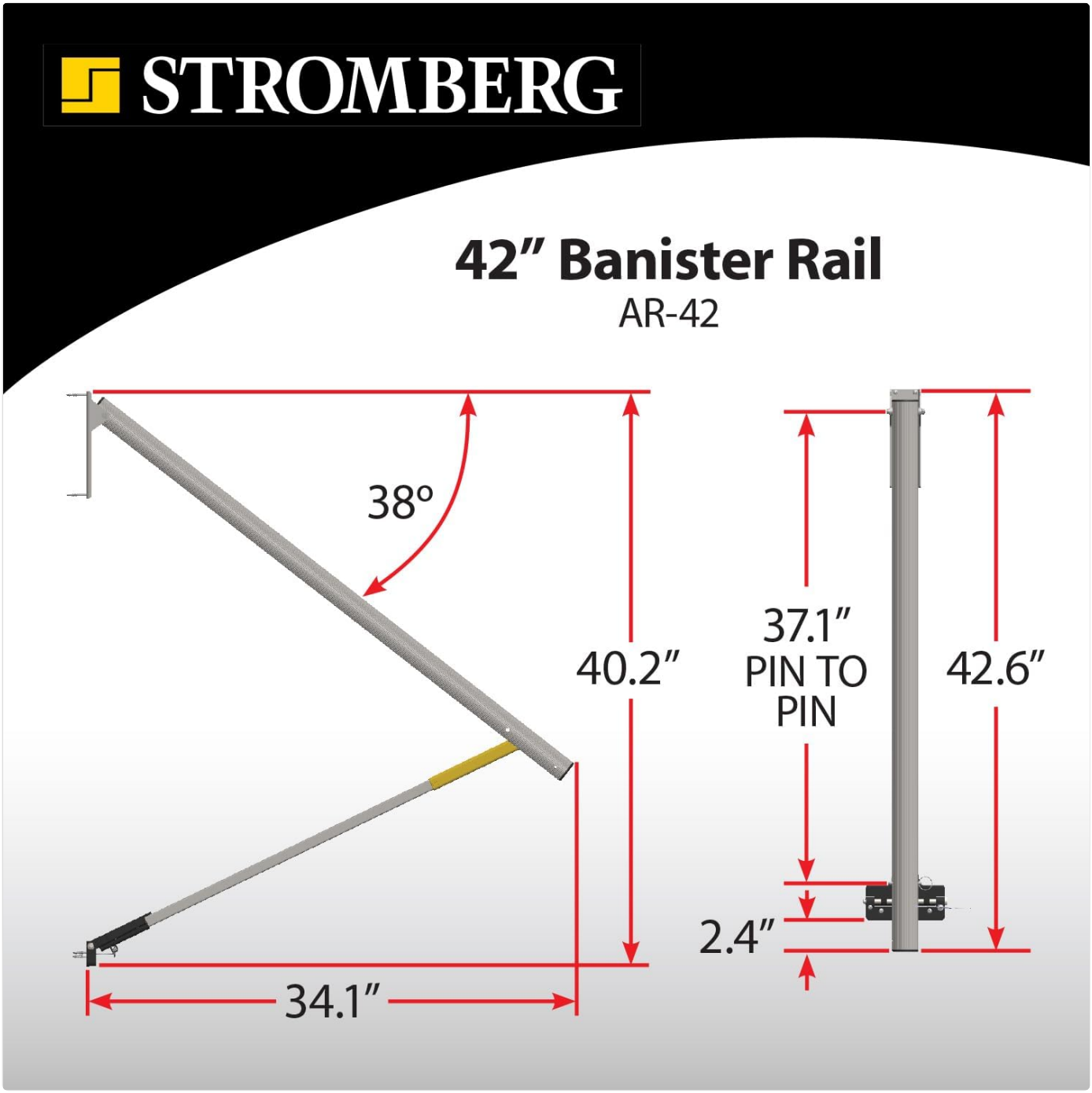


Figure 3: Dimensions of the AR-42 Banister Rail.

The 42-inch rail is specifically designed to provide optimal support for all double and some triple RV steps, ensuring a secure handhold from the ground to the RV doorway.



Figure 4: AR-42 rail compatibility with triple steps.

3. Operating the Banister Rail

3.1 Extending the Rail for Use

To use the banister rail, simply pull it straight out from its locked, stored position. The rail will extend into its operational position, providing a stable handhold for ascending or descending your RV steps.

3.2 Folding and Locking for Storage

When not in use, the handrail can be folded flat against the side of your RV. Push the rail inwards towards the RV wall until it locks securely into its stored position. This design saves space and keeps the rail out of the way.

The rail features an anodized finish with ribbed tubing, designed to provide a firm and comfortable grip, minimizing the risk of slipping.



Figure 5: Ribbed grip tubing for enhanced security.

4. Care and Maintenance

To ensure the longevity and proper function of your Stromberg Carlson AR-42 Banister Rail, follow these maintenance guidelines:

- **Cleaning:** Wipe the rail periodically with a damp cloth and mild soap to remove dirt and grime. Avoid abrasive cleaners that could damage the anodized finish.
- **Inspection:** Regularly inspect all mounting hardware for tightness. Check the rail and brackets for any signs of wear, damage, or corrosion. Ensure the folding and locking mechanism operates smoothly.
- **Lubrication:** If the folding mechanism becomes stiff, apply a small amount of silicone-based lubricant to the pivot points.

5. Troubleshooting

- **Rail feels loose after installation:** Re-check all mounting screws to ensure they are tightened securely. Verify that the mounting location provides adequate structural support within the RV wall.
- **Difficulty extending or folding the rail:** Inspect the pivot points for any obstructions or debris. Apply a silicone-based lubricant if necessary. Ensure the rail is not bent or damaged.
- **Rail does not lock securely:** Check the locking mechanism for any damage or misalignment. Ensure the rail is fully pushed into the stored position.

6. Product Specifications

Feature	Detail
Model Number	AR-42
Brand	Stromberg Carlson
Material	Aluminum
Exterior Finish	Anodized finish
Color	Black
Item Dimensions (L x W x H)	45 x 8 x 0.1 inches
Item Weight	16 ounces
Weight Limit	300 pounds
Vehicle Service Type	RV
Compatible with Vehicle Type	RV
Included Components	Complete rail assembly
UPC	767773521483

7. Warranty and Customer Support

Manufacturer Warranty: Please contact Stromberg Carlson if you experience any issues within 30 days of receipt of the product.

For further assistance, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official Stromberg Carlson website.

8. Product Video

Your browser does not support the video tag.

Video: Official product video demonstrating the features and use of the Stromberg Carlson Lend-A-Hand Banister Rail.

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