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> VEVOR Universal Roof Rack Cross Bars Instruction Manual

## VEVOR 41.3 in Aluminum Roof Rack Crossbars

# VEVOR Universal Roof Rack Cross Bars Instruction Manual

Model: 41.3 in Aluminum Roof Rack Crossbars

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VEVOR Universal Roof Rack Cross Bars. Please read this manual thoroughly before installation and use to ensure proper function and safety. This product is designed for vehicles with a naked roof, specifically 4 or 5-door models.



*Image: Two VEVOR Universal Roof Rack Cross Bars, black in color, shown from an angled perspective.*

## SAFETY INFORMATION

- Ensure all components are securely fastened before driving. Regularly check the tightness of all bolts and

straps.

- Do not exceed the maximum load capacity of 155 lbs (70 kg).
- Distribute the load evenly across the cross bars.
- Avoid sudden braking, acceleration, or sharp turns when carrying a load.
- Be aware of increased vehicle height and width when loading items, especially when entering garages or low-clearance areas.
- Always follow local traffic laws and regulations regarding vehicle loads.
- This product is not recommended for 2-door vehicle models.

## PACKAGE CONTENTS

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The VEVOR Universal Roof Rack Cross Bars package includes the following items:

- 2 x Roof Rack Cross Bars
- Mounting Feet (pre-assembled or separate, depending on model variation)
- Rubber Pads
- Ratchet Straps
- 2 x Keys for Anti-theft Locks
- 1 x Allen Key (M5)
- Instruction Manual



Item Dimensions (LxWxH)	42.52 x 8.46 x 4.53 inches
Mounting Type	Easy Snap



Item Model Number:	<b>HJ-RB017-108CM</b>
Quantity:	<b>2 pcs</b>
Net Weight:	<b>6.8 lbs/3.1 kg</b>
Product Size:	<b>42.5× 6.1 × 3.9 inch/1080×154×99 mm</b>
	<b>1100±10×215±10×115±6 mm</b>

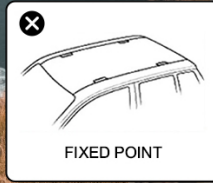
Image: A diagram illustrating the dimensions of the cross bars and a table listing specifications including model number, quantity, net weight, and product size.

## SETUP AND INSTALLATION

These cross bars are designed for vehicles with a naked roof (no existing side rails, fixed points, or flush rails). Ensure your vehicle is a 4 or 5-door model.

# ADJUSTABLE AND VERSATILE

ONLY FOR 4-/5-DOOR VEHICLES WITH NAKED ROOF



Retractable strips



Image: A visual guide indicating that the roof rack is applicable to vehicles with a naked roof, and not suitable for raised rails, fixed points, or flush rails.

## Pre-Installation Check:

- Measure the inner distance between your vehicle's roof gutters. It should be between 41.3-42.9 inches (1050-1090 mm).
- Measure the distance from the gutter to the window. This should be approximately 2.4 inches (60 mm).



Check the inner distance between roof rails and choose the right model

Inner Distance Between Roof Gutters	Gutter to Window Distance (Ratchet Strap with Adjustable Length)	Compatible Crossbar Length	Item Model Number
<b>41.3-42.9 in</b> <b>/1050-1090 mm</b>	<b>2.4 in/60 mm</b>	<b>42.5 in/1080 mm</b>	<b>HJ-RB017</b>
			<b>HJ-RB017-105CM</b>

*Image: A diagram illustrating how to measure the inner distance between roof gutters and the gutter-to-window distance to ensure compatibility with the cross bars.*

## Installation Steps:

1. **Mount the Base:** Attach the mounting base components to the crossbar. Ensure they are oriented correctly.
2. **Attach Rubber Pad:** Place the protective rubber pad under each mounting base. This prevents scratches on your vehicle's roof.
3. **Adjust Strap and Sleeve:** Position the crossbar on your vehicle's roof. Adjust the retractable ratchet strap and its rubber sleeve to match the distance between the window and the bracket.
4. **Secure and Lock:** Insert the strap into the tightening mechanism and secure it. Repeat for all four mounting points. Ensure both cross bars are firmly attached and then use the provided keys to lock the anti-theft mechanism on each foot.

No drilling is required for installation. The metal sheet of the mounting feet can be adjusted to fit your vehicle's roof contour.

## DAMAGE-FREE INSTALLATION



*Image: A four-step visual guide demonstrating the damage-free installation process: mounting the base, attaching the rubber pad, adjusting the strap, and inserting/locking the strap.*

## OPERATING INSTRUCTIONS

### Loading Capacity:

The VEVOR Universal Roof Rack Cross Bars have a maximum load capacity of 155 lbs (70 kg). Always adhere to this limit to prevent damage to the roof rack, your vehicle, and for safety.

# CARRY MORE WITH 155LBS LOAD CAPACITY

155 lbs

Camping gear



Bikes



Cargo basket



Cargo box



Surfboard



*Image: An illustration highlighting the 155 lbs load capacity of the roof rack, with examples of items that can be carried, such as camping gear, bikes, cargo baskets, cargo boxes, and surfboards.*

## Securing Cargo:

- Use appropriate tie-downs, straps, or cargo nets to secure all items to the cross bars.
- Ensure cargo does not obstruct your view or interfere with vehicle operation.
- Periodically check cargo security during long trips.

# CARRY ALL YOUR NEEDS

155±10%LBS  
Capacity



*Image: A car equipped with the VEVOR roof rack carrying a cargo box, with additional icons depicting other items like cargo baskets, surfboards, camping gear, and bikes that can be transported.*

## Anti-theft Lock System:

The cross bars feature an anti-theft lock system. Once installed and tightened, use the provided keys to lock the mounting feet. This helps prevent unauthorized removal of the cross bars.

# MINIMAL VIBRATION & SECURE



Soft-padded Feet



Anti-theft Lock



*Image: A close-up showing the soft-padded feet for vehicle protection and the anti-theft lock mechanism on the VEVOR roof rack.*

## MAINTENANCE

- **Regular Inspection:** Periodically inspect the cross bars, mounting feet, and straps for any signs of wear, damage, or loosening.
- **Cleaning:** Clean the cross bars with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** If the lock mechanism becomes stiff, apply a small amount of graphite lubricant.
- **Storage:** If not in use for extended periods, consider removing the cross bars and storing them in a dry place to prolong their lifespan.

## TROUBLESHOOTING

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- **Cross Bars Feel Loose:** Re-check the tightness of all ratchet straps and ensure the mounting feet are correctly seated in the roof gutters. Verify that the inner distance between roof gutters is within the specified range (41.3-42.9 inches).
- **Difficulty Tightening/Loosening Straps:** Ensure the ratchet mechanism is clean and free of debris. If the mechanism is stiff, try applying a small amount of silicone spray or lubricant. Do not force the mechanism.
- **Excessive Wind Noise:** Ensure the cross bars are installed correctly and securely. The aerodynamic design minimizes noise, but improper installation or loose components can increase it. Consider adjusting the position slightly if safe to do so.
- **Scratches on Vehicle Roof:** Ensure the rubber pads are correctly placed under all mounting feet. Do not overtighten the straps, as this can cause excessive pressure.
- **Keys Not Working:** Ensure you are using the correct keys. If the lock is stiff, apply graphite lubricant. Do not force the key.

## SUPPORT

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For further assistance, technical support, or inquiries regarding your VEVOR Universal Roof Rack Cross Bars, please contact VEVOR customer service through their official website or the retailer where the product was purchased.

Please have your model number (HJ-RB017-108CM or HJ-RB017-105CM) and purchase information ready when contacting support.