

## SNIXWOO 220lbs Roof Racks

# SNIXWOO Enhanced Roof Racks & Side Rails User Manual

Model: 220lbs Roof Racks  
For 2017-2022 Honda CRV & CR-V Hybrid

## 1. INTRODUCTION

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Thank you for choosing SNIXWOO Enhanced Roof Racks & Side Rails. This product is designed to expand your vehicle's cargo capacity, allowing you to transport various items such as luggage, bikes, kayaks, and snowboards safely. Constructed from high-grade aluminum alloy, these racks offer durability, light weight, and resistance to rust and corrosion. This manual provides detailed instructions for proper installation, safe operation, and essential maintenance to ensure optimal performance and longevity of your roof rack system.

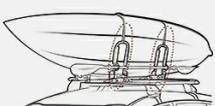
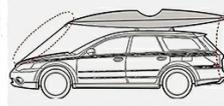


This image displays the complete SNIXWOO roof rack system, including two cross bars and two side rails, alongside a red Honda CR-V with the racks installed, demonstrating the product's appearance and fit.

## 2. SAFETY INFORMATION

Adhering to these safety guidelines is crucial for preventing accidents and ensuring the safe transport of your cargo.

### SAFETY TIPS

	<p><b>Tips 1</b></p> <p>prepare special carriers when loading surfboards, kayaks, snowboards, etc.</p>		<p><b>Tips 2</b></p> <p>Use fixing devices to secure the front and rear of the long large items as shown.</p>
	<p><b>Tips 3</b></p> <p>Maintain proper speed base on the load weight &amp; road conditions.</p>		<p><b>Tips 4</b></p> <p>check the tightness after a short distance</p>

This graphic outlines essential safety guidelines for roof rack use, covering the necessity of specialized carriers for items like kayaks, securing long items, adjusting driving speed according to load and road conditions, and performing a tightness check after initial travel.

- **Tip 1: Prepare Special Carriers.** When loading items such as surfboards, kayaks, or snowboards, always use appropriate special carriers designed for those items.
- **Tip 2: Use Fixing Devices.** Secure the front and rear of long items using suitable fixing devices to prevent movement during transit.
- **Tip 3: Maintain Proper Speed.** Adjust your driving speed based on the weight of the load and prevailing road conditions. Avoid sudden maneuvers.
- **Tip 4: Check Tightness.** After driving a short distance (e.g., 50-100 miles) with a loaded rack, stop and re-check the tightness of all mounting hardware.
- Do not exceed the maximum load capacity of 220 lbs (100 kg).
- Ensure all components are securely fastened before driving.
- Distribute weight evenly across the crossbars.
- Be aware of increased vehicle height and wind resistance when carrying cargo.

### 3. PACKAGE CONTENTS

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Verify that all components listed below are present in your package before beginning installation.



This image illustrates the full contents of the product package, detailing each part: two middle bars (crossbars), two end bases, protective pads, wrenches, bolts, washers, and the installation instruction manual.

- 2x Cross Bars
- 2x Side Rails
- All Mounting Hardware (bolts, washers, etc.)
- 1x DIY Installation Instruction Manual

### 4. SETUP AND INSTALLATION

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Installation typically takes approximately 1-2 hours. It is recommended to have a second person assist with the installation to ensure proper alignment and safety. Refer to the included DIY Installation Instruction Manual for detailed, step-by-step visual guidance.

## 4.1. Identify Components

Familiarize yourself with all parts. The crossbars are typically marked 'FRONT' and 'REAR' or have different lengths. The side rails are designed to fit specific sides of the vehicle.

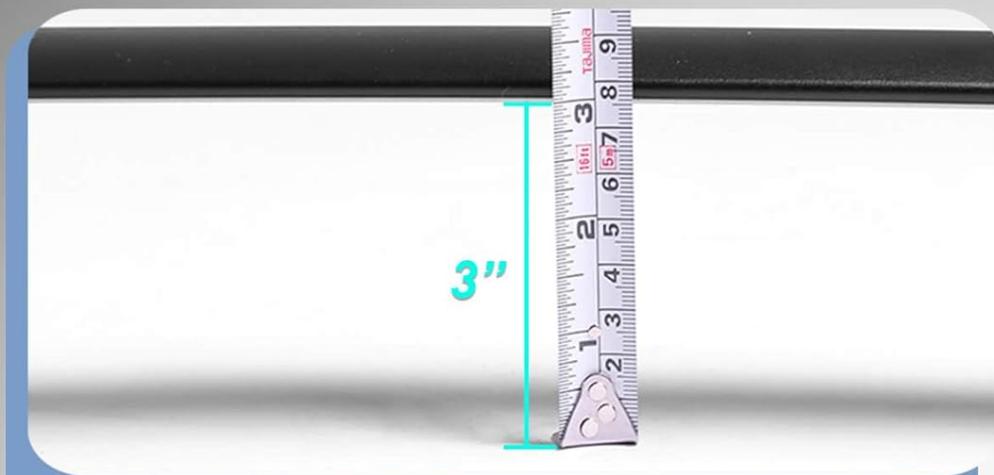
## 4.2. Prepare Vehicle

Clean the roof area where the side rails and crossbars will be mounted. Remove any existing caps or covers from the vehicle's mounting points.

## 4.3. Install Side Rails

Carefully position the side rails onto the designated mounting points on your Honda CR-V. Ensure the rubber pads are correctly placed between the rail and the vehicle's roof to prevent scratches and provide a secure fit.

### User-friendly design



*The heightened design does not affect the opening of the sunroof.*



*There are rubber pads on the mounting support to avoid scratching your rails during install and tighten it tighter.*

This image details design elements that enhance user experience: a 3-inch height that ensures the sunroof can open without obstruction, and integrated rubber pads on the mounting supports to protect the vehicle's roof rails from scratches and provide a tighter grip.

Secure the side rails using the provided bolts and washers. Do not fully tighten until all components are in place and aligned.

#### 4.4. Install Cross Bars

Attach the cross bars to the installed side rails. The crossbars feature elongated mounting holes for easier adjustment and stronger load-bearing. Ensure the 'FRONT' crossbar is positioned correctly towards the front of the vehicle and the 'REAR' crossbar towards the rear.



This image highlights key design features: elongated mounting holes that simplify installation and enhance load distribution, and an adjustable crossbar mechanism for precise fitment.

Adjust the crossbar positions as needed for your specific cargo. Once aligned, tighten all bolts securely using the provided wrenches. The robust aluminum construction ensures high durability and a maximum load capacity of 220 lbs.



This visual compares the structural integrity of a plastic end base (rated 165 lbs) with an upgraded aluminum end base (rated 220 lbs), emphasizing the robust, anti-corrosion, and longer lifespan properties of the aluminum material.

# Robust and Strong



The wall thickness is reinforced to 0.09" and will not break easily



Casting once molding, Max loading 220lbs.



This visual emphasizes the product's strength, showcasing a reinforced wall thickness of 0.09 inches to prevent breakage and illustrating the single-piece casting process designed to support up to 220 lbs.

## 4.5. Secure and Test

Once all components are installed and tightened, gently shake the roof rack system to ensure it is firmly secured to the vehicle. Double-check all bolts for tightness.

## 5. OPERATING INSTRUCTIONS

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The SNIXWOO roof rack system is designed to enhance your cargo hauling capabilities. Follow these guidelines for optimal use:

- **Load Capacity:** The maximum load capacity for this roof rack system is 220 lbs (100 kg). Do not exceed this limit.
- **Cargo Distribution:** Distribute the weight of your cargo as evenly as possible across the crossbars. Place heavier items closer to the center of the vehicle.
- **Securing Cargo:** Always use appropriate straps, nets, or specialized carriers to secure your cargo to the crossbars. Ensure items are tightly fastened to prevent shifting or detachment during transit.
- **Aerodynamic Design:** The aluminum construction is engineered to minimize wind resistance and noise, contributing to a quieter driving experience. However, large or irregularly shaped cargo can still affect aerodynamics and fuel efficiency.
- **Sunroof Clearance:** The heightened design of the crossbars (approximately 3 inches clearance) is intended to prevent interference with the opening of your vehicle's sunroof.

## 6. MAINTENANCE

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Regular maintenance will prolong the life and ensure the safe operation of your roof rack system.

- **Regular Inspection:** Periodically inspect all bolts, fasteners, and mounting points for tightness. Re-tighten as necessary, especially after long trips or carrying heavy loads.
- **Cleaning:** Clean the roof racks with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish.
- **Rubber Pads:** Check the condition of the rubber pads. Ensure they are not worn or damaged, as they provide protection and buffering against the car roof.
- **Seasonal Checks:** If you live in an area with harsh weather conditions (e.g., extreme heat, cold, or road salt), perform more frequent inspections.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter with your roof rack system.

Issue	Possible Cause	Solution
Racks do not fit the vehicle.	Incorrect model year or vehicle type; incorrect orientation of components.	Verify product compatibility with your Honda CR-V (2017-2022). Ensure crossbars are oriented correctly (front/rear).
Whistling or excessive wind noise during driving.	Improper installation; loose components; large cargo.	Ensure all bolts are fully tightened. Check for any gaps or misaligned parts. Remove cargo when not in use to reduce noise.

Issue	Possible Cause	Solution
Racks feel loose after installation or driving.	Bolts not fully tightened; rubber pads not correctly seated.	Re-tighten all mounting bolts securely. Ensure all rubber pads are properly positioned between the rack and the vehicle's roof.
Scratches on vehicle roof after installation.	Protective rubber pads not used or improperly placed; overtightening.	Always ensure all protective rubber pads are in place before mounting. Avoid overtightening, which can compress pads excessively.

## 8. SPECIFICATIONS

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Manufacturer	SNIXWOO
Brand	SNIXWOO
Model Name	220lbs Roof Racks
Item Weight	15.82 pounds
Package Dimensions	79.5 x 7.5 x 5.75 inches
Item Model Number	Enhanced StYLE
Manufacturer Part Number	SO-CRV7V24
Color	Bar: Matte black / Rails: Sleek Black
Is Foldable	No
Load Capacity	220 Pounds
Mounting Type	U-Bolt

## 9. WARRANTY AND SUPPORT

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For any questions, concerns, or support regarding your SNIXWOO roof rack system, please contact SNIXWOO customer service through the retailer's platform or the official SNIXWOO store. Please retain your proof of purchase for warranty claims.