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Snailfly SNA-C1287N

Snailfly All-Aluminum Roof Rack Cross Bars

For 2023-2026 Honda CR-V & CR-V Hybrid (with Factory Side Rails)

Model: SNA-C1287N

1. Introduction

Thank you for choosing Snailfly All-Aluminum Roof Rack Cross Bars. This product is designed to provide additional cargo carrying capacity for your 2023-2026 Honda CR-V or CR-V Hybrid models equipped with factory side rails. These cross bars offer a secure and aerodynamic solution for transporting various items such as roof boxes, kayaks, bicycles, and more. Please read this manual thoroughly before installation and use to ensure proper fitment, safe operation, and longevity of your product.



Image 1.1: Fitment verification for 2023-2026 Honda CR-V models with flush side rails.

This image displays a black Honda CR-V with the Snailfly roof rack cross bars installed. Below the vehicle is a compatibility chart indicating which CR-V models (LX, EX, EX-L, Sport Hybrid, Sport-L Hybrid, Sport Touring Hybrid, TrailSport Hybrid) from 2023 to 2026 are compatible. Most models are marked with a checkmark, confirming fitment.

2. Safety Information

Always prioritize safety when installing and using your roof rack cross bars. Failure to follow these guidelines may result

in property damage, personal injury, or death.

- **Load Capacity:** Do not exceed the maximum load capacity of 260 lbs (118 kg) for these cross bars. Always refer to your vehicle's owner's manual for its specific roof load limit, and never exceed the lower of the two limits.
- **Secure Cargo:** Ensure all cargo is securely fastened to the cross bars using appropriate tie-downs, straps, or cargo nets. Check cargo security before starting your journey and periodically during travel.
- **Weight Distribution:** Distribute weight evenly across the cross bars. Place heavier items at the bottom and center of your cargo.
- **Vehicle Handling:** Be aware that adding a roof rack and cargo can affect your vehicle's handling, braking, and fuel economy. Drive cautiously, especially in windy conditions or when cornering.
- **Height Clearance:** Be mindful of increased vehicle height when entering garages, car washes, or areas with low overhead clearance.
- **Regular Inspection:** Periodically check all mounting hardware for tightness, especially after the first few drives and before long trips.
- **Aerodynamics:** Remove cross bars when not in use to reduce wind noise and improve fuel efficiency.

3. Package Contents

Please verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, please contact Snailfly customer service.

- 2 x Cross Bars (1 Long - Front, 1 Short - Rear)
- 4 x End Caps / Mounting Brackets
- Mounting Hardware (bolts, washers, Allen wrench)



Image 3.1: Contents of the Snailfly Roof Rack Cross Bars package.

This image illustrates the complete package contents. It shows one longer cross bar labeled 'FRONT' and one shorter cross bar labeled 'REAR'. Below these are four mounting brackets, two rubber strips, and a collection of bolts, washers, and an Allen wrench, representing the mounting hardware.

4. Setup and Installation

Installation is designed to be a straightforward, no-drill process, typically taking around 30 minutes. Ensure your vehicle is

parked on a level surface and the engine is off.

4.1. Pre-Installation Check

1. Identify the front (longer) and rear (shorter) cross bars.
2. Locate the pre-drilled mounting points on your Honda CR-V's factory side rails.
3. Ensure the roof and mounting areas are clean and free of debris.

4.2. Assembly and Mounting Steps

1. **Attach Brackets to Cross Bars:** For each cross bar, align the mounting brackets to the ends. The brackets are typically marked for front/rear and left/right. Secure them loosely with the provided screws.
2. **Position Front Cross Bar:** Carefully place the longer front cross bar onto the front mounting points of your vehicle's side rails. Align the pre-drilled holes in the brackets with the factory mounting points.
3. **Secure Front Cross Bar:** Insert the provided bolts through the brackets and into the vehicle's mounting points. Hand-tighten all bolts initially.
4. **Position Rear Cross Bar:** Repeat the process for the shorter rear cross bar, placing it onto the rear mounting points.
5. **Secure Rear Cross Bar:** Insert and hand-tighten the bolts for the rear cross bar.
6. **Adjust and Final Tighten:** Ensure both cross bars are centered and properly aligned. Using the provided Allen wrench, progressively tighten all bolts until secure. Do not overtighten.

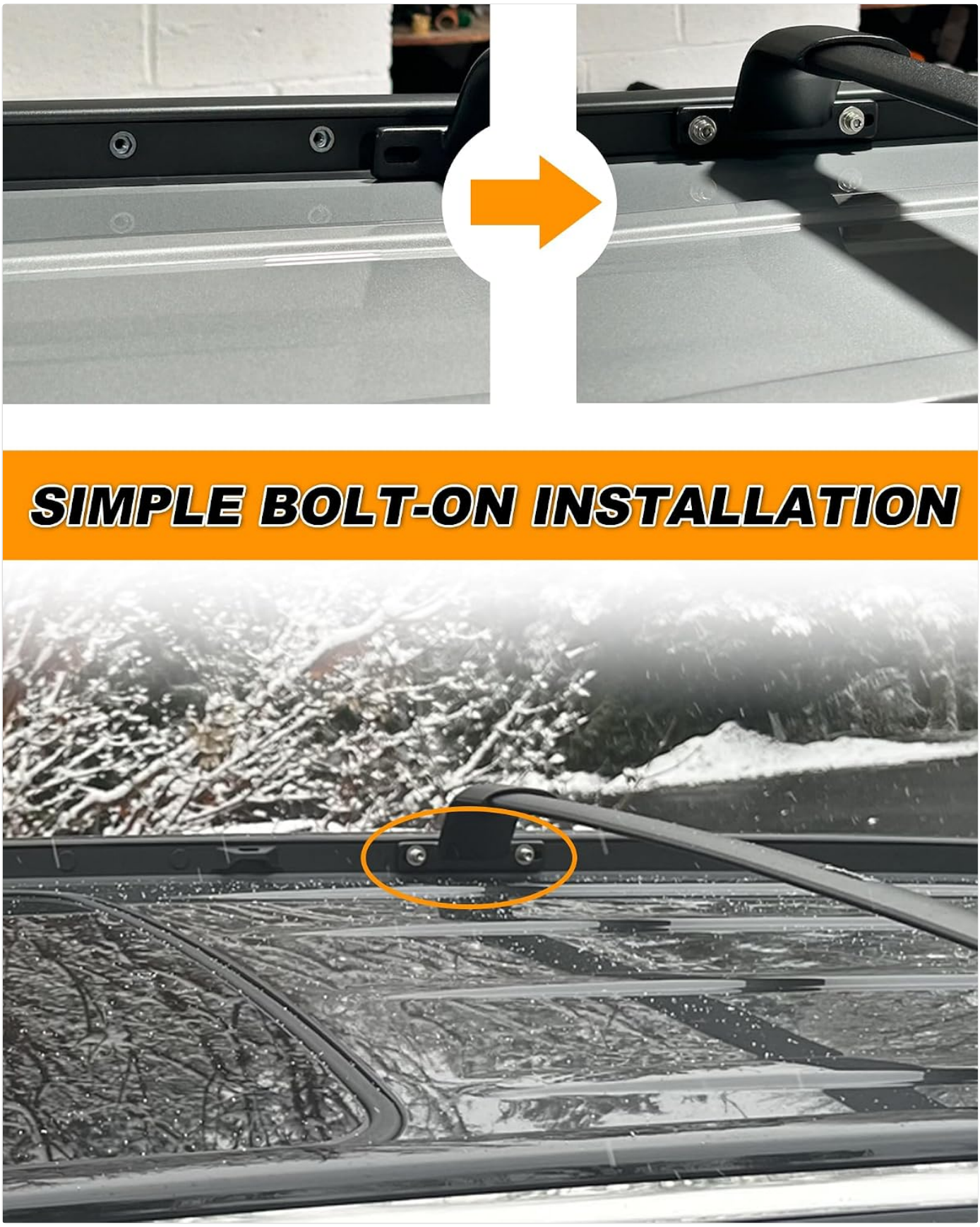


Image 4.1: Simple bolt-on installation process.

This image shows a two-part visual. The top part illustrates the roof rail with existing mounting points and an arrow pointing to how the cross bar bracket aligns and attaches. The bottom part shows a close-up of the installed cross bar bracket securely bolted to the vehicle's roof rail, demonstrating the straightforward bolt-on installation.

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Video 4.1: Snailfly Roof Rack Cross Bar Installation Guide.

This video provides a step-by-step visual guide on how to install the Snailfly roof rack cross bars. It demonstrates attaching the brackets to the cross bars, positioning them on the vehicle's roof rails, and securing them with the provided hardware, ensuring a clear understanding

of the installation process.

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Video 4.2: Detailed Roof Rack Cross Bars Installation.

This video offers another detailed perspective on the installation of the roof rack cross bars. It highlights key steps and shows the alignment and fastening of the components, providing additional visual assistance for users during the setup process.

5. Operating Instructions and Usage

Once installed, your Snailfly cross bars are ready to expand your vehicle's cargo capabilities.

5.1. Loading Cargo

- **Load Distribution:** Always distribute the weight of your cargo as evenly as possible between the two cross bars and across the width of the vehicle.
- **Secure Attachment:** Use appropriate accessories (e.g., kayak carriers, bike mounts, cargo baskets, roof boxes) and secure straps to firmly attach your gear to the cross bars. Ensure there is no movement or play in the cargo.
- **Check Clearance:** Before driving, ensure that your cargo does not obstruct your view or interfere with any vehicle functions (e.g., antenna, sunroof operation).

5.2. Sunroof Compatibility

These cross bars are designed to be compatible with your vehicle's sunroof, allowing for normal operation without interference.

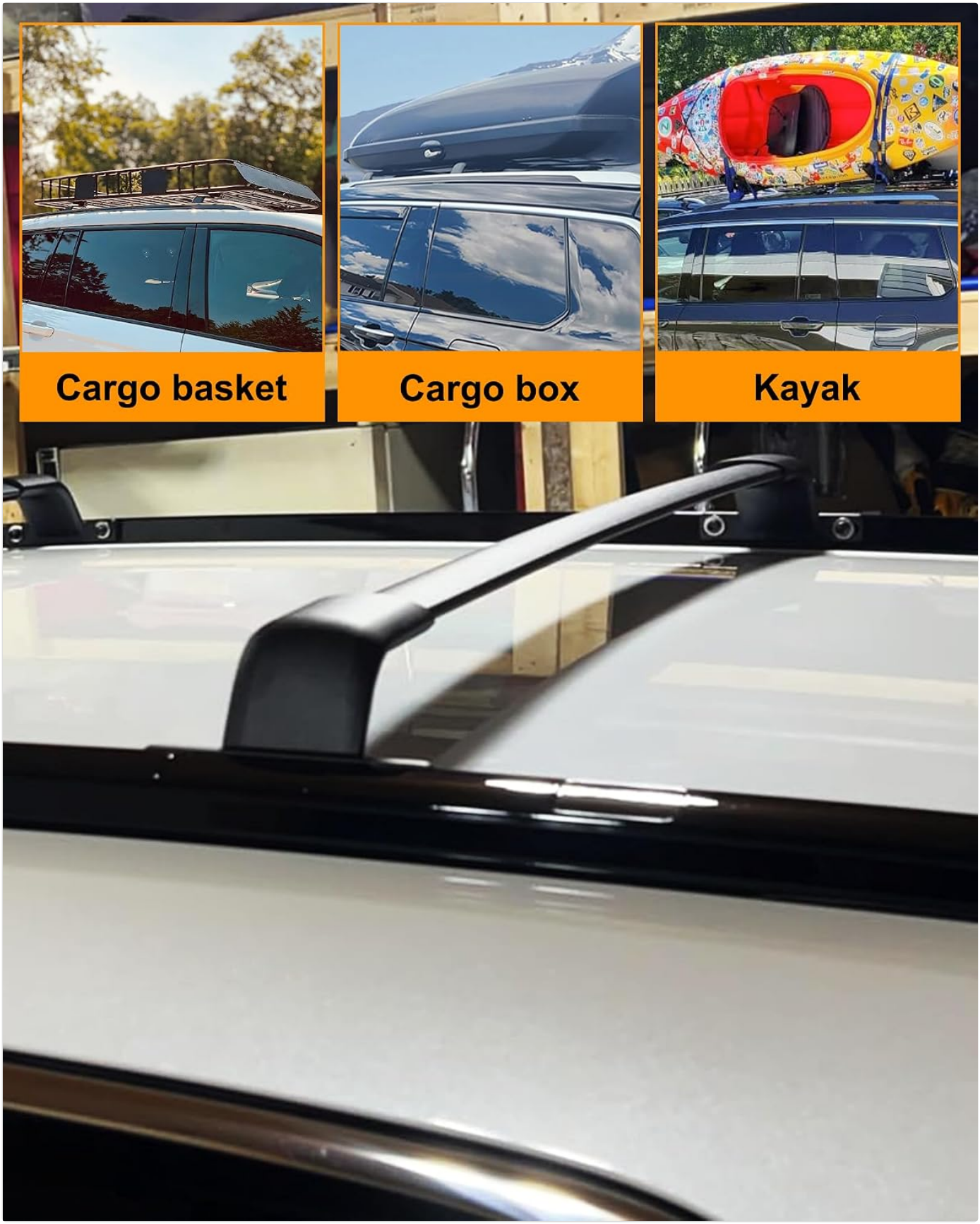


Image 5.1: Examples of cargo carried on roof rack cross bars.

This image displays three different types of cargo mounted on a vehicle's roof rack: a metal cargo basket, a sleek hard-shell cargo box, and a colorful kayak. This illustrates the versatility of the cross bars for various outdoor and travel needs.



Image 5.2: Sunroof compatibility demonstration.

This image features a close-up view of the roof rack cross bars installed on a vehicle, with a circular inset highlighting the open sunroof. The text 'COMPATIBLE WITH SUNROOF' is prominently displayed, confirming that the cross bars do not impede sunroof operation.

6. Maintenance

Proper maintenance will ensure the longevity and safe operation of your Snailfly roof rack cross bars.

- **Cleaning:** Clean the cross bars regularly with mild soap and water. Avoid abrasive cleaners or solvents that could

damage the matte black powder coating.

- **Hardware Check:** Periodically inspect all bolts and mounting hardware for tightness. Re-tighten as necessary, especially after long trips or carrying heavy loads.
- **Damage Inspection:** Check for any signs of damage, corrosion, or wear on the cross bars and mounting brackets. Replace any damaged components immediately.
- **Seasonal Removal:** If you do not use the cross bars frequently, consider removing them during off-seasons to reduce wear and tear, minimize wind noise, and potentially improve fuel economy.

7. Troubleshooting

Here are some common issues and their potential solutions:

- **Excessive Wind Noise:**
  - Ensure cross bars are installed correctly and securely.
  - Check for any gaps or loose components.
  - Consider adding a fairing (wind deflector) if noise persists, though these cross bars are designed for minimal wind drag.
- **Cross Bars Feel Loose:**
  - Re-tighten all mounting bolts using the provided Allen wrench.
  - Ensure the cross bars are properly seated in the vehicle's factory mounting points.
- **Difficulty Installing:**
  - Double-check that you have the correct front (longer) and rear (shorter) cross bars in their respective positions.
  - Verify that your vehicle is a 2023-2026 Honda CR-V/CR-V Hybrid with factory side rails.
  - Refer to the installation videos and images in Section 4.

8. Specifications

Detailed product specifications for your Snailfly All-Aluminum Roof Rack Cross Bars.



Image 8.1: Product details and features.

This image provides a detailed breakdown of the cross bars. It shows the front and rear bars with numbered callouts pointing to: 1) pre-drilled holes for easy installation, 2) adjustable length, 3) anti-rust premium aluminum alloy with black powder-coated finish, and 4) aerodynamic structure to reduce wind noise.

Feature	Detail
Model Number	SNA-C1287N

Material	All-Aluminum Alloy
Color	Matte Black
Load Capacity	260 lbs (118 kg)
Vehicle Service Type	Honda CR-V & CR-V Hybrid 2023-2026 (with factory side rails)
Mounting Type	Bolt-on (No-Drill)
Item Weight	3.22 kg (approx. 7.1 lbs)
Included Components	2 Cross Bars, 4 End Caps, Mounting Hardware

9. Warranty and Support

Snailfly provides a **1-Year Manufacturer Warranty** for these roof rack cross bars, covering defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact Snailfly customer support through the retailer where you purchased the product or visit the official Snailfly website for contact information.

Please retain your proof of purchase for warranty service.

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