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Snailfly SNA-CRV01700HLHSXLJ0

Snailfly Roof Rails and Cross Bars Instruction Manual

Model: SNA-CRV01700HLHSXLJ0

1. Product Overview

The Snailfly Roof Rails and Cross Bars system provides a robust solution for transporting oversized items on your vehicle's roof. This system is designed for specific Honda CR-V models, offering a secure and functional platform for various cargo.

Key features include:

- High-quality lightweight durable aluminum construction.
- Easy and direct bolt-on installation with no drilling required.
- Designed to accommodate items such as kayaks, canoes, luggage, snowboards, skis, bikes, fishing poles, and roof boxes.
- Includes 2 black cross bars and 2 black roof rack rails with all necessary hardware.

2. Compatibility

This Snailfly Roof Rack and Cross Bar system is specifically designed to fit the following vehicle models:

- Honda CR-V: 2017, 2018, 2019, 2020, 2021, 2022.

Important: This product is NOT compatible with the 2023 Honda CR-V or newer models.

Figure 2.1: Visual guide for vehicle compatibility, indicating fit for 2017-2022 Honda CR-V and non-fit for 2023+ models.

3. Package Contents

Upon opening the package, please verify that all components are present and undamaged:

- 2 x Black Roof Rack Rails
- 2 x Black Cross Bars
- Mounting Hardware (bolts, nuts, washers)
- Installation Instruction Guide

Figure 3.1: Contents of the Snailfly Roof Rack and Cross Bar package.

4. Installation

Installation of the Snailfly Roof Rails and Cross Bars is designed to be straightforward, requiring no drilling into your vehicle. Follow the steps below and refer to the included installation guide for detailed diagrams.

4.1 Pre-Installation Check

1. Ensure your vehicle is parked on a level surface and the engine is off.
2. Clean the roof area where the rails and cross bars will be mounted to ensure proper adhesion and prevent scratches.
3. Verify all package contents are present as listed in Section 3.

4.2 Mounting the Roof Rails

1. Identify the front and rear roof rails. They are typically marked or distinguishable by their shape.
2. Carefully place the rubber mats (if separate) or ensure the integrated rubber padding on the rails aligns with your vehicle's roof mounting points to prevent scratches.
3. Align the roof rails with the factory mounting holes on your Honda CR-V.
4. Secure the roof rails using the provided bolts and nuts. Tighten them evenly, but do not overtighten.



Figure 4.1: Features of the roof rail design, including bolt-on installation and aerodynamic profile.



Figure 4.2: Details on roof protection, precise mounting, and crossbar attachment points.

4.3 Attaching the Cross Bars

1. Once the roof rails are securely installed, attach the cross bars to the designated points on the roof rails.
2. Ensure the cross bars are oriented correctly (front and rear, if applicable) and are evenly spaced for optimal load distribution.
3. Tighten all fasteners for the cross bars according to the instructions, ensuring they are firm but not over-tightened.
4. After installation, gently shake the entire assembly to confirm it is stable and secure before driving.

4.4 Installation Videos

Snailfly Roof Rack Cross Bars Assembly Guide

Your browser does not support the video tag.

Video 4.1: A detailed assembly guide for the Snailfly Roof Rack Cross Bars, demonstrating the step-by-step process for installation.

Roof Rack Cross Bars for Honda CRV 2017-2022

Your browser does not support the video tag.

Video 4.2: A brief overview showing the installed roof rack cross bars on a Honda CR-V, highlighting the final appearance and fit.

5. Operating Instructions (Usage)

The Snailfly Roof Rails and Cross Bars are designed to expand your vehicle's cargo capacity. Proper usage ensures safety and longevity of the product.

5.1 Load Capacity

The maximum load capacity for this roof rack system is **165 pounds (75 kg)**. Do not exceed this weight limit. Distribute the load evenly across the cross bars to maintain vehicle stability and prevent damage.

Figure 5.1: Maximum load capacity for the Snailfly Roof Rack system.

5.2 Securing Cargo

- Always use appropriate tie-downs, straps, or cargo nets to secure items to the cross bars.
- Ensure cargo is tightly secured and cannot shift during transit.
- Periodically check the security of your cargo during long journeys.
- Be aware of the increased height and width of your vehicle when carrying cargo, especially when entering garages, drive-thrus, or low-clearance areas.



Figure 5.2: Honda CR-V equipped with Snailfly Roof Rails and Cross Bars, ready for travel.



Figure 5.3: The roof rack system is compatible with vehicles equipped with a sunroof.

6. Maintenance

Regular maintenance will help prolong the life and performance of your Snailfly Roof Rails and Cross Bars.

- **Cleaning:** Clean the rails and cross bars periodically with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Regularly check all mounting bolts and fasteners to ensure they remain tight. Re-tighten if necessary.
- **Corrosion:** The product features a rust-resistant black powder-coated finish. However, inspect for any signs of wear or corrosion, especially after exposure to harsh weather conditions.
- **Removal:** If the roof rack is not in use for extended periods, consider removing it to reduce wind noise and improve fuel efficiency. Store components in a dry, safe place.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Excessive Wind Noise	Improper installation; cross bars not aerodynamic; empty rack.	Ensure cross bars are installed correctly and securely. Check for any gaps. Consider wind fairings if noise persists. Remove when not in use.
Loose Fit / Rattling	Mounting hardware not sufficiently tightened.	Re-check and tighten all bolts and nuts according to installation instructions. Do not overtighten.
Scratches on Vehicle Roof	Improper installation; missing or misaligned rubber mats.	Ensure rubber mats are correctly positioned between the roof rack components and the vehicle's paint. Clean the roof surface thoroughly before installation.
Cargo Shifting	Cargo not properly secured; exceeding load capacity.	Always use appropriate and sufficient tie-downs. Ensure cargo is balanced and within the 165 lbs load limit.

8. Specifications

Feature	Detail
Brand	Snailfly
Model Number	SNA-CRV01700HLHSXLJ0
Vehicle Service Type	Honda CR-V 2017-2022
Material	Aluminum
Color	Black
Load Capacity	165 pounds (75 kg)
Mounting Type	Cross, Crossbar Mount, Railing Mount, Roof Mount
Included Components	2 Roof Rack Cross Bars with Hardware

9. Warranty and Support

9.1 Manufacturer Warranty

This Snailfly product is covered by a **1-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Returns Policy

Products purchased are eligible for a refund or replacement within **30 days** of purchase, subject to the retailer's return policy.

9.3 Customer Support

For any questions, concerns, or assistance with installation or product issues, please contact Snailfly customer service. Refer to the contact information provided with your purchase or visit the official Snailfly website.

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