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› YHAAVALE N130Y 51-inch Universal Roof Rack Cross Bars Instruction Manual

YHAAVALE N130Y

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Model: N130Y

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the YHAAVALE N130Y 51-inch Universal Roof Rack Cross Bars. These adjustable aluminum crossbars are designed to enhance your vehicle's cargo-carrying capabilities, providing a robust solution for cars and SUVs with naked roofs. With a maximum load capacity of 300 pounds, they are suitable for transporting various items such as bikes, kayaks, cargo boxes, and other outdoor equipment.

The durable aluminum construction ensures reliable performance while maintaining a lightweight profile. The aerodynamic design helps minimize wind noise and reduce fuel consumption during travel. This manual provides detailed instructions for installation, operation, and maintenance to ensure safe and effective use of your roof rack system.

2. PARTS LIST

Before beginning installation, please verify that all components are present and undamaged. Refer to the diagram below for identification of parts.

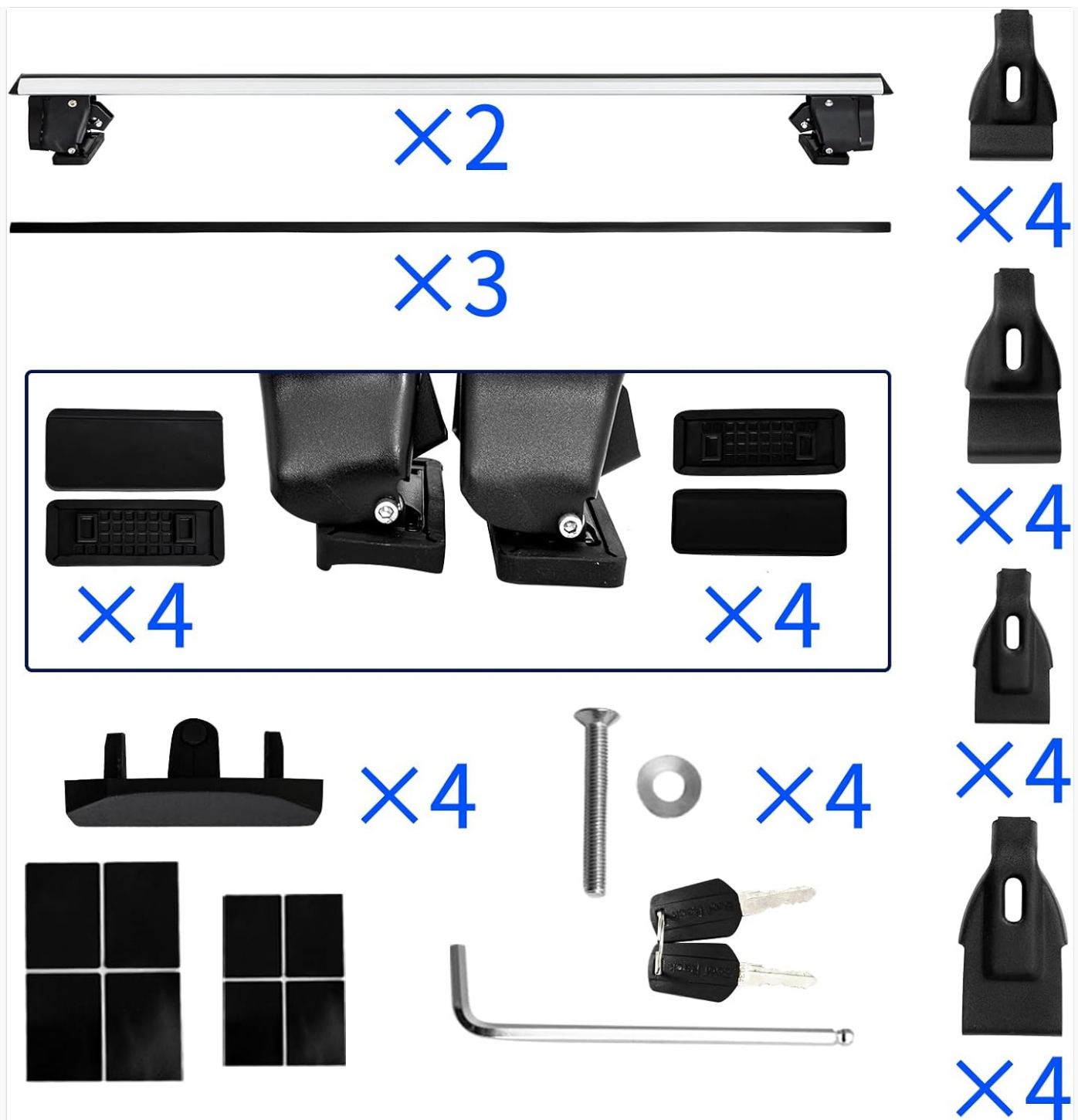


Figure 2.1: Included Components

- 2 x Cross Bars (51 inches long)
- 4 x Mounting Feet/Clamps
- 4 x Rubber Pads for Mounting Feet
- 4 x End Caps for Cross Bars
- 4 x Keys for Locking Mechanism
- 1 x Hex Wrench
- Additional rubber strips and fasteners

3. SETUP AND INSTALLATION

The YHAAVALE N130Y cross bars feature a tool-free mounting system designed for easy installation on vehicles with

naked roofs. Ensure your vehicle is parked on a level surface and the engine is off before starting.

3.1 Compatibility Check

These cross bars are designed for vehicles with naked roofs. They are not compatible with vehicles that have existing side rails.



Figure 3.1: Compatibility with Naked Roofs

3.2 Installation Steps

For a visual guide, please refer to the installation video below. The steps outline the general process:

Video 3.1: YHAAVALE Roof Rack Installation Guide

1. **Assemble Mounting Feet:** Attach the rubber pads to the bottom of each mounting foot. Ensure the correct size of rubber pad is used for your vehicle's roof contour.
2. **Attach Feet to Cross Bars:** Slide the mounting feet into the channels on the underside of the cross bars. Do not tighten fully yet.

3. **Position Cross Bars:** Place the assembled cross bars onto your vehicle's roof. Adjust the position to ensure even spacing and proper alignment. The adjustable clamps allow for a secure fit across various vehicle widths.
4. **Secure Clamps:** Use the provided hex wrench to tighten the clamps securely to your vehicle's door frame. Ensure the rubber padding protects the vehicle's paint. Tighten evenly on both sides until the cross bars are firm and do not move.
5. **Install End Caps and Locks:** Insert the end caps into the ends of the cross bars. Use the keys to lock the mounting feet for added security.
6. **Final Check:** Gently push and pull on the cross bars to confirm they are firmly attached and stable before loading any cargo.

4 sides for different car

3.5"  4.1"  4.3"  5" 



Figure 3.2: Adjustable Mounting Feet for Different Car Types

4. OPERATING INSTRUCTIONS

Once installed, your YHAAVALE N130Y roof rack cross bars are ready for use. Always adhere to safety guidelines and load limits.

4.1 Loading Cargo

- **Load Capacity:** Do not exceed the maximum load capacity of 300 pounds (136 kg) for the cross bars. This weight should be evenly distributed.
- **Secure Cargo:** Always secure cargo firmly to the cross bars using appropriate straps, ropes, or cargo nets. Ensure no part of the cargo obstructs your view or interferes with vehicle operation.
- **Weight Distribution:** Distribute the weight of your cargo as evenly as possible across both cross bars and within the vehicle's roof load limits.
- **Aerodynamic Considerations:** Large or irregularly shaped items can affect vehicle aerodynamics and fuel efficiency. Position items to minimize wind resistance.



Figure 4.1: Multiple Applications for Cargo Transport

4.2 Driving with Cargo

- **Check Clearance:** Be aware of increased vehicle height when driving with cargo, especially when entering garages, car washes, or low-clearance areas.
- **Driving Dynamics:** Driving with a loaded roof rack can affect vehicle handling, braking, and stability. Drive at reduced

speeds and exercise caution, especially in windy conditions or when cornering.

- **Regular Checks:** Periodically check the tightness of the cross bars and the security of your cargo during long trips.



Figure 4.2: Aerodynamic Design for Reduced Wind Noise

5. MAINTENANCE

Proper maintenance will extend the life of your YHAAVALE roof rack cross bars.

- **Cleaning:** Clean the cross bars regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Periodically inspect all components for signs of wear, damage, or corrosion. Check that all bolts and clamps are tight.
- **Storage:** If not in use for extended periods, consider removing the cross bars and storing them in a dry, protected area to prevent unnecessary wear and exposure to elements.

6. TROUBLESHOOTING

If you encounter issues with your roof rack, refer to these common troubleshooting tips:

- **Excessive Noise:** Ensure all components are tightly secured. Check that the rubber strips in the cross bar channels are properly seated. Repositioning cargo can also reduce wind noise.
- **Cross Bars Feel Loose:** Re-tighten all mounting clamps using the hex wrench. Ensure the clamps are properly seated in the door frame. If the issue persists, re-evaluate the installation steps.
- **Difficulty Locking:** Ensure the key is fully inserted and turned correctly. Check for any obstructions in the locking mechanism.
- **Scratches on Vehicle Roof:** Ensure all rubber pads are correctly installed and positioned between the mounting feet and the vehicle's roof. Avoid over-tightening, which can cause pressure marks.

7. SPECIFICATIONS

Feature	Detail
Brand	YHAAVALE
Model Number	N130Y
Material	Aluminum
Color	Silver
Load Capacity	300 lbs (136 kg)
Cross Bar Length	51 inches
Mounting Type	Naked Roof
Automotive Fit Type	Universal Fit (Car SUV)



Figure 7.1: Product Dimensions

8. WARRANTY AND SUPPORT

For specific warranty information regarding your YHAAVALE N130Y Roof Rack Cross Bars, please refer to the documentation provided at the time of purchase or contact the manufacturer directly. General product support can be obtained through the retailer or the YHAAVALE official channels.

Always retain your proof of purchase for any warranty claims or support inquiries.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question