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› CNCEST Roof Rack Crossbars Instruction Manual

CNCEST LWITSKEY

CNCEST Roof Rack Crossbars Instruction Manual

Model: LWITSKEY | Brand: CNCEST

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CNCEST Universal Aluminum Car Cross Bar Luggage Rack. Designed for most vehicles without roof side rails, these crossbars offer a versatile solution for transporting luggage and other cargo. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: CNCEST Roof Rack Crossbars, shown both as individual components and installed on a vehicle.

2. WHAT'S IN THE BOX

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

- 2 x Car Roof Bars
- 2 x Keys

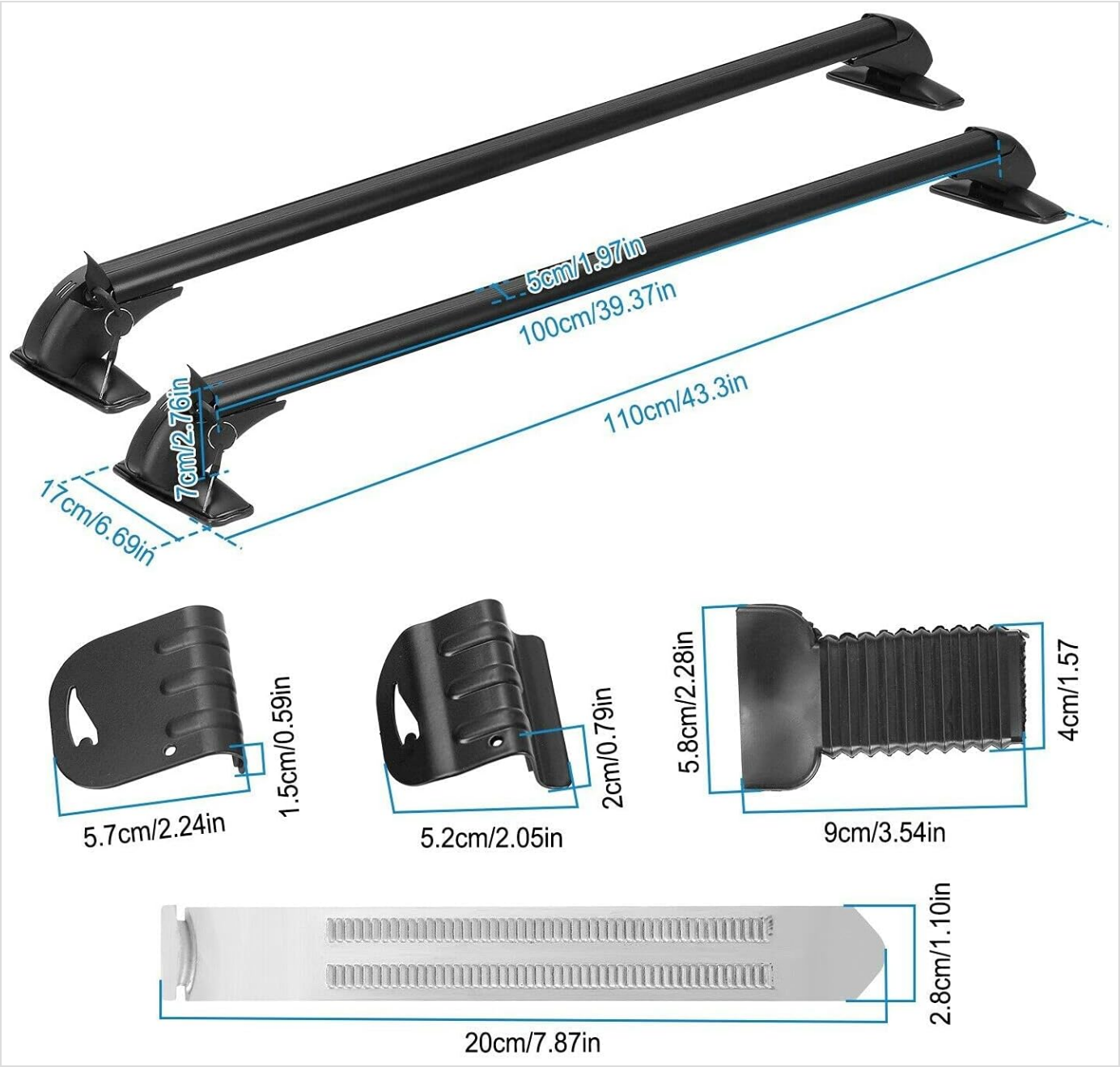
The roof rack crossbars are shipped with foam and carton protective packaging to prevent damage during transit.

3. SPECIFICATIONS

Feature	Detail
Brand	CNCEST

Model Number	LWITSKEY
Item Weight	11 pounds
Product Dimensions (L x W x H)	4.13 x 45.27 x 3.74 inches
Color	Black
Load Capacity	75 kg (load must be uniformly distributed)
Rain Trough Distance Compatibility	110-114cm / 43.3-44.88in
Window Distance Compatibility	124-134cm / 48.81-52.75in
Bar Length	1m

Figure 2: Detailed dimensions of the roof rack components.



4. SETUP AND INSTALLATION

Follow these steps carefully to install your roof rack crossbars. Ensure your vehicle's roof dimensions are compatible before proceeding.

4.1. Installation of Hooks

1. Insert the stainless steel sheet into the base at a 45-degree angle. Ensure the hook is correctly oriented.
2. Slide the rubber protector onto the stainless steel sheet, aligning it with the base.
3. Verify the secure fit of the hook and protector.

Figure 3: Steps for attaching the hooks to the crossbar base.



4.2. Installation of Brackets

1. Insert the bracket into the main crossbar channel.
2. Secure the bracket using the provided screw, ensuring it is firmly in place.
3. Attach the cover to the bracket, ensuring it clicks into place.

4.3. Installation of Rack on Vehicle

1. Position the assembled crossbars on your vehicle's roof, ensuring they are parallel and correctly spaced.
2. Open the base before installing the hooks. Insert the stainless steel sheet into the base at a 45-degree angle.
3. Use the provided key to tighten the locking mechanism, securing the crossbars to the vehicle's window frame.
4. Ensure all connections are tight and secure before use.

Figure 4: Roof rack installed on a vehicle, showing proper placement.



4.4. Installation Video Tutorial

For a visual guide on the installation process, please watch the official tutorial video below:

Your browser does not support the video tag.

Video 1: Official installation tutorial for the Roof Rack Crossbars. This video demonstrates the step-by-step assembly and mounting of the crossbars on a vehicle, including the use of the locking mechanism.

5. OPERATING INSTRUCTIONS

Once installed, your CNCEST Roof Rack Crossbars are ready for use. Observe the following guidelines:

- **Load Distribution:** Ensure that any cargo placed on the crossbars is uniformly distributed and does not exceed the maximum load capacity of 75 kg.

- **Secure Cargo:** Always use appropriate tie-downs, straps, or cargo nets to securely fasten your items to the crossbars. Loose cargo can shift during transit and pose a safety hazard.
- **Regular Checks:** Before each trip, especially longer ones, check that the crossbars are still securely attached to your vehicle and that all locking mechanisms are engaged.
- **Driving Speed:** Be mindful of your driving speed, especially with loaded crossbars. High speeds can increase wind resistance and noise, and potentially affect stability.
- **Height Clearance:** Remember that the height of your vehicle will increase with the crossbars and any loaded cargo. Be aware of low clearances in garages, carports, and drive-thrus.

6. MAINTENANCE

Proper maintenance will extend the lifespan of your roof rack crossbars:

- **Cleaning:** Clean the crossbars regularly with mild soap and water. Avoid abrasive cleaners that could damage the finish.
- **Inspection:** Periodically inspect all components for signs of wear, corrosion, or damage. Pay close attention to the locking mechanisms, straps, and rubber pads.
- **Lubrication:** If any moving parts or locking mechanisms become stiff, apply a small amount of silicone-based lubricant.
- **Storage:** If you plan to remove the crossbars for an extended period, clean them thoroughly and store them in a dry, protected area away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Here are some common issues you might encounter and their potential solutions:

- **Difficulty Closing Doors After Installation:** This may occur if the metal bracket is too thick or improperly positioned. Ensure the bracket is seated correctly within the window frame and does not obstruct the door seal. Adjust the position if necessary.
- **Straps Not Long Enough:** Verify that the crossbars are compatible with your vehicle's specific dimensions (rain trough distance: 110-114cm / 43.3-44.88in, window distance: 124-134cm / 48.81-52.75in). If your vehicle falls outside this range, the straps may not fit properly. Contact customer support for compatibility inquiries.
- **Excessive Noise at Higher Speeds:** Wind noise can be common with roof racks. Ensure all components are tightly secured and there are no loose parts. Check if the rubber strips in the crossbar channels are properly installed. Reducing speed can also mitigate noise.
- **Rack Feels Unstable:** Double-check that all locking mechanisms are fully engaged and tightened. Ensure the crossbars are evenly spaced and parallel. The load must be uniformly distributed and within the 75kg limit.

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the original purchase documentation or visit the official CNEST store on Amazon. You can find additional support and product details by visiting the [CNEST Store](#).

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