

YHTAUTO YHTRR10091-DD

YHTAUTO 48-inch Universal Roof Rack Cross Bars Instruction Manual

Model: YHTRR10091-DD

1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your YHTAUTO 48-inch Universal Roof Rack Cross Bars. Please read this manual thoroughly before installation and use to ensure safe and correct application. These cross bars are designed to fit vehicles equipped with raised roof side rails.

2. SAFETY INFORMATION

- Always ensure all components are securely fastened before driving. Regularly check the tightness of all bolts and clamps, especially after initial installation and before each trip.
- Do not exceed the maximum load capacity of **165 lbs (75 kg)** for these cross bars. Also, adhere to your vehicle manufacturer's recommended roof load capacity, using the lower of the two limits.
- Improper installation can lead to vibration, noise, or detachment of the cross bars and cargo, potentially causing accidents or damage.
- Distribute cargo evenly across the cross bars. Secure all cargo properly to prevent shifting during transit.
- Be aware of increased vehicle height and width when carrying cargo, especially when entering garages, car washes, or low-clearance areas.
- Adjust driving speed according to road conditions and cargo weight. High speeds with heavy or bulky cargo can affect vehicle stability.
- Always use the provided rubber strips to prevent wind noise (whistling) and protect the roof rails.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- 2 x YHTAUTO 48-inch Roof Rack Cross Bars
- 4 x Mounting Clamps (pre-attached to cross bars)
- 2 x Keys for thickened metal lock cores

- Necessary hardware kit for installation
- Installation Instructions (this manual)

4. COMPATIBILITY

These YHTAUTO universal roof rack cross bars are specifically designed for vehicles with **RAISED ROOF SIDE RAILS**. They are not compatible with vehicles that have:

- Rain gutters
- Raised rails with fixed points
- Flush rails with fixed points
- Naked fixed points
- Naked/smooth roofs
- Flush rails

Important Measurement Guidelines:

- The height of your raised roof side rails must **not exceed 1.75 inches**.
- The maximum roof width (distance between the outer edges of your raised side rails) should be **less than 43.3 inches (110 cm)**.
- The diameter of your roof rail should be between **0.98 - 2.1 inches (25-55 mm)**.
- Ensure there is a gap of at least **1/2 inch (1.3 cm)** between the rail and the car roof.

DESIGN ESPECIALLY FOR YOU



RAISED RAILS



RAIN GUTTER



RAISED RAILS WITH FIXED POINT



FLUSH RAILS WITH FIXED POINT



NAKED FIXED POINT



NAKED/SMOOTH



FLUSH RAILS



Figure 1: Compatible (Raised Rails) and Incompatible Roof Types

Adjustable But Stable

Fits for Any Vehicles Has Roof Width Within **42 Inch (106.7cm)**

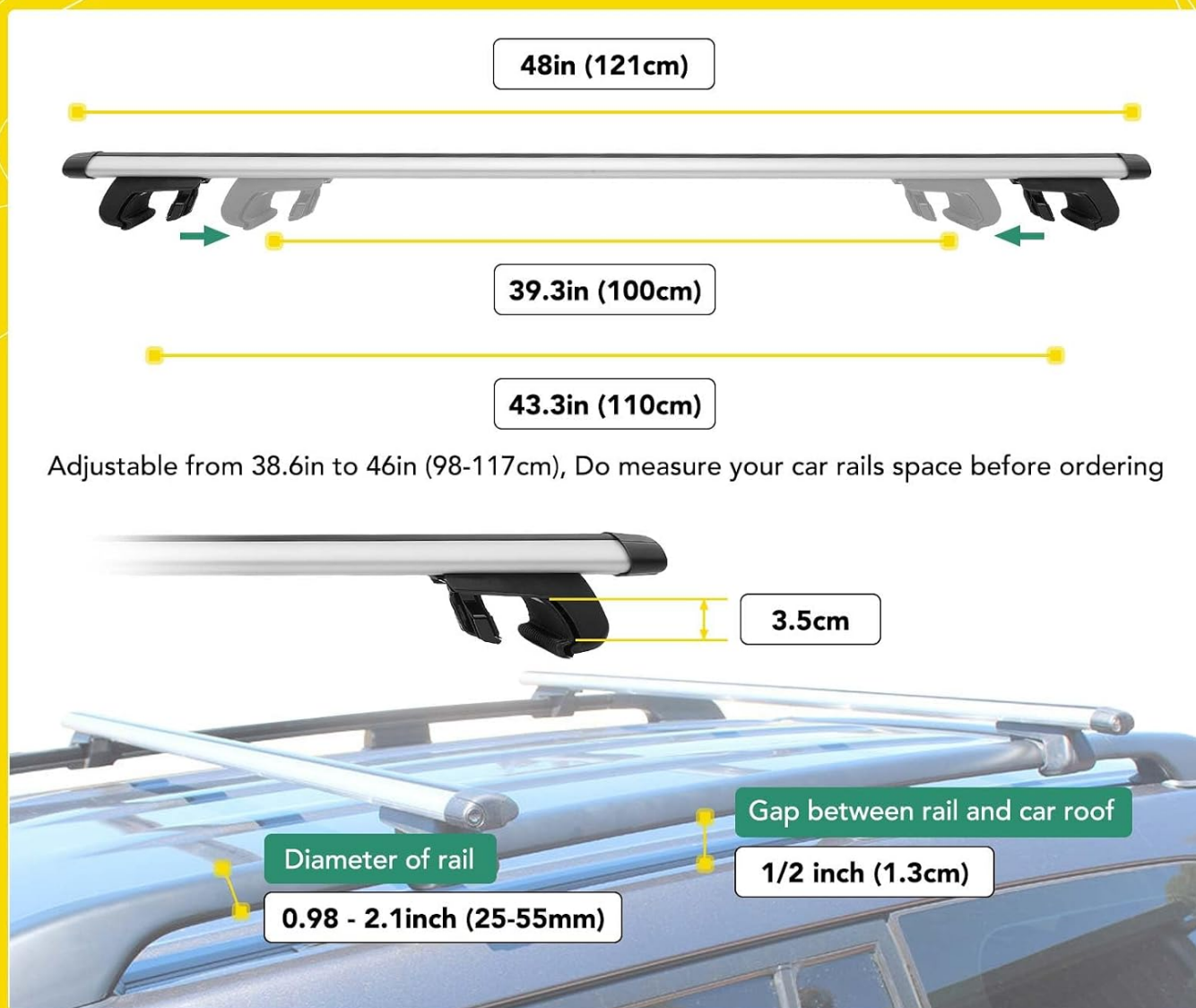


Figure 2: Cross Bar Dimensions and Rail Measurement Requirements

5. SETUP (INSTALLATION)

Follow these steps for proper installation:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect for any damage or missing parts.
2. **Unlock Cross Bars:** Ensure both ends of each cross bar are unlocked. This allows for adjustment of the clamps along the bar.
3. **Position on Roof Rails:** Place the cross bars onto your vehicle's raised side rails. Adjust the position so that the ends of the cross bars extend symmetrically on both sides of the vehicle.
4. **Adjust Clamp Position:** Slide the clamps along the cross bar until they securely grip the raised side rails. Ensure the clamps are positioned firmly around the rails.
5. **Tighten Clamps:** Use the provided tool to tighten the clamps. Tighten evenly on both sides to ensure the cross bar is level and secure. Do not overtighten.

6. **Install Rubber Strips:** Insert the rubber strips into the bottom channels of the cross bars. These are crucial for minimizing wind noise and protecting the roof rails.
7. **Lock Cross Bars:** Once the cross bars are securely installed and adjusted, use the provided keys to lock the thickened metal lock cores. This secures the cross bars to your vehicle and prevents theft. The lock core passes through the base structure.
8. **Final Check:** Gently shake each cross bar to confirm it is firmly attached and does not move. Re-check all tightening points.



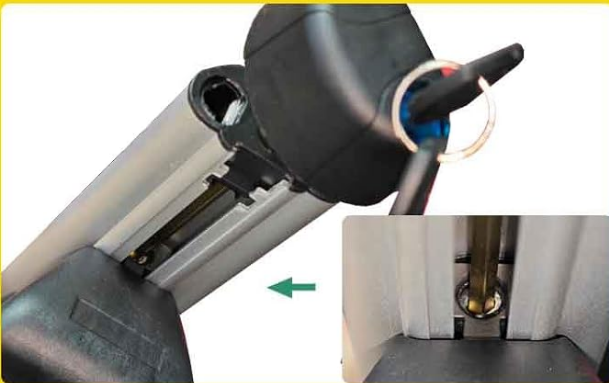
INSTALLATION PRECAUTIONS



Make sure both sides are unlocked to adjust the position on the roof so that the ends are symmetrical



Because both ends of the product can be adjusted, after loading, check whether the length before and after is symmetrical



The lock core can pass through the base, note that there are holes on the structure of the base, and the lock core can pass through. Finally, the scope of adjustment is larger

Figure 3: Installation Precautions - Adjusting for Symmetry and Lock Core Function

165 LBS | 75 KG
LOAD CAPACITY



HEAVY DUTY CONSTRUCTION

- Bring Everything You Want
- Made of T6063 ALUMINUM ALLOY



Figure 4: Securing the Cross Bars with Keys

6. OPERATING (USAGE)

Your YHTAUTO roof rack cross bars are designed to transport various types of cargo safely. Adhere to the following guidelines:

- **Load Capacity:** The maximum load capacity is **165 lbs (75 kg)**. Never exceed this limit.
- **Cargo Distribution:** Distribute the weight of your cargo as evenly as possible across both cross bars. Place heavier items closer to the center of the vehicle.
- **Secure Cargo:** Always use appropriate tie-downs, straps, or cargo nets to secure your items. Ensure cargo cannot shift, slide, or fall off during travel.
- **Aerodynamic Design:** The aerodynamic design minimizes wind noise and resistance, contributing to a quieter ride and reduced vehicle drag.
- **Versatile Use:** These cross bars are suitable for carrying items such as kayaks, surfboards, cargo baskets, cargo boxes, snowboards, and bicycles.



ENJOY YOUR TRIP

OURS

Aluminum Die Casting



Thickened Metal Lock Core

More Convenient
Safer



OTHERS

Plastic



Ordinary Lock Core



VS

Figure 5: Example of Cargo (Bicycles) on Roof Rack

PRECISE MATCHING

■ Come with Everything You Need

- ✓ Quality components and materials
- 🔧 Accurately fit every mounting holes



International
Organization for
Standardization

Cross Bars



Hardwares



Figure 6: Wide Range of Cargo Capacity

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your roof rack cross bars:

- **Regular Inspection:** Periodically check all mounting points, bolts, and clamps for tightness. Vibrations during driving can loosen fasteners over time.
- **Cleanliness:** Clean the cross bars and clamps regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or materials.
- **Material Durability:** The cross bars are constructed from T6063 aluminum alloy, known for its anti-rust and anti-corrosion properties. The clamps feature upgraded aluminum die casting for enhanced durability and rust resistance compared to plastic alternatives.
- **Lock Core Care:** Keep the lock cores clean and lubricated to ensure smooth operation.
- **Rubber Strips:** Ensure the rubber strips are in place and in good condition to prevent whistling and protect your vehicle's roof rails. Replace if damaged or missing.



WIDE RANGE CAPACITY

■ Satisfy Your Travelling Needs



Figure 7: Enhanced Durability Features

8. TROUBLESHOOTING

If you encounter issues with your roof rack cross bars, consider the following:

- **Whistling Noise:** If you hear a whistling sound while driving, ensure the rubber strips are correctly installed in the bottom channels of the cross bars. Missing or improperly seated rubber strips are a common cause of wind noise.
- **Vibration:** Excessive vibration can indicate improper installation. Re-check that both cross bars are symmetrically positioned and all clamps are tightened evenly and securely.
- **Loose Fit:** If the cross bars feel loose, re-tighten all clamps. Ensure the clamps are properly seated on your vehicle's raised side rails and that the rail dimensions are within the compatible range (refer to Section 4).
- **Difficulty Locking:** If the lock core is difficult to operate, ensure it is clean and free of debris. A small amount of lubricant can help.
- **Fitment Issues:** If the cross bars do not fit your vehicle, double-check the compatibility requirements in Section 4, especially the height of your raised rails and the overall roof width.

9. SPECIFICATIONS

Feature	Specification
Model Number	YHTRR10091-DD
Product Dimensions (L x W x H)	128.3 x 15.5 x 11.7 cm (50.5 x 6.1 x 4.6 inches)
Item Weight	4.06 kg (8.95 lbs)
Material	T6063 Aluminum Alloy (Cross Bars), Aluminum Die Casting (Clamps)
Color	Silver
Load Capacity	165 lbs (75 kg)
Mounting Type	Clamp (for Raised Side Rails)
Max. Compatible Roof Width	43.3 inches (110 cm)
Max. Compatible Rail Height	1.75 inches
Compatible Rail Diameter	0.98 - 2.1 inches (25-55 mm)
Certifications	TS16949/ISO9001 Grade

10. WARRANTY AND SUPPORT

Specific warranty information for the YHTAUTO 48-inch Universal Roof Rack Cross Bars is not provided in the product details. For warranty claims, technical support, or inquiries regarding replacement parts, please contact YHTAUTO customer service directly through their official channels or the retailer from whom the product was purchased.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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