

YHTAUTO YHTRR10102

YHTAUTO Car Roof Rack Cross Bar Instruction Manual

Model: YHTRR10102

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your YHTAUTO Car Roof Rack Cross Bar. Designed for specific Jeep models with hard tops and rain gutters, this roof rack system allows for secure transportation of various cargo items. Please read these instructions carefully before installation and use to ensure proper function and safety.

2. VEHICLE COMPATIBILITY

The YHTAUTO Car Roof Rack Cross Bar (Style B) is specifically designed for the following vehicles:

- Jeep Wrangler JK: 2007-2018
- Jeep Wrangler JL: 2018-2024
- Jeep Gladiator JT: 2019-2024

Important Note:

- This product is compatible with **Hard Top Only**. It is not suitable for soft top models.
- Installation requires vehicles equipped with **Rain Gutters**. The cross bars mount directly onto these rain gutters, which are located below the roof line along the sides of the vehicle.

DESIGN ESPECIALLY FOR YOU



RAIN GUTTER



RAISED RAILS



**RAISED RAILS
WITH FIXED POINT**



**FLUSH RAILS
WITH FIXED POINT**



NAKED FIXED POINT



NAKED/SMOOTH



FLUSH RAILS



Figure 2.1: Compatibility with Rain Gutter Roofs. This image illustrates the required rain gutter type for installation and shows various incompatible roof types such as raised rails, flush rails, and naked/smooth roofs.

Compatible with Jeep:

- Fit 2007-2018 Wrangler JK
- Fit 2018-2024 Wrangler JL
- Fit 2019-2024 Gladiator JT

Note: It only fit for Hard Top,not fit for Soft Top



Figure 2.2: Compatible Jeep Models. This image confirms compatibility with Jeep Wrangler JK (2007-2018), Wrangler JL (2018-2024), and Gladiator JT (2019-2024) hard top models.

3. PRODUCT FEATURES

- **High Load Capacity:** Supports up to 165 lbs (75 kg) of cargo.
- **Durable Construction:** Made from high-strength, lightweight T6063 aluminum alloy.
- **Corrosion Resistance:** Surface electrophoretic painting process provides resistance against corrosion and rust.
- **Aerodynamic Design:** Streamlined profile reduces wind noise and vibration during travel.
- **Anti-Theft Security:** Equipped with an anti-theft lock system for added security.
- **Robust Mountings:** Mounting components are constructed from durable ABS hard plastic.

165 LBS | **75** KG
LOAD CAPACITY



HEAVY DUTY CONSTRUCTION

- Bring Everything You Want
- T6063 ALUMINUM ALLOY



Figure 3.1: Load Capacity and Material Durability. This image emphasizes the 165 lbs (75 kg) load capacity and the rustproof, anti-corrosion properties of the aluminum alloy construction.



☞ Extremely Durable

⊗ Tight Like a Vice

UNIQUE DESIGN

● The Mountings are Made of ABS Hard Plastic

Figure 3.2: Unique Design and Durable Mountings. This image showcases the robust ABS hard plastic mountings, designed for durability and a secure fit.



Figure 3.3: Anti-Theft Lock Feature. This image highlights the integrated anti-theft lock, providing security for your cargo.

4. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The package should include:

- 2 x Cross Bars
- 4 x Bases (Mounting Brackets)
- Hardware Kit (bolts, washers, etc.)
- 2 x Keys for anti-theft lock
- 1 x Allen Key (for installation)
- Detailed Installation Instructions

PRECISE MATCHING

- Come with Everything You Need
- ✓ Quality components and materials
- 🔧 Accurately fit every mounting holes



International
Organization for
Standardization

Cross Bars



Bases



Hardwares



Figure 4.1: Included Components. This image displays the complete set of parts: two cross bars, four bases, hardware, and keys, ensuring you have everything needed for installation.

5. SETUP AND INSTALLATION

Installation of the YHTAUTO Car Roof Rack Cross Bar is designed to be straightforward, often taking approximately 10 minutes. However, careful attention to detail is crucial for safety and optimal performance. Please follow the included detailed installation instructions precisely.

- 1. Review Instructions:** Before beginning, thoroughly read the separate detailed installation instructions provided in the package. Familiarize yourself with all steps and components.
- 2. Identify Components:** Lay out all cross bars, bases, and hardware. Note that the cross bars may have labels to indicate front/rear or left/right placement.
- 3. Attach Bases to Cross Bars:** Securely attach the four bases to the cross bars using the provided hardware and Allen key. Ensure all connections are tight but do not overtighten.
- 4. Position on Vehicle:** Carefully place the assembled cross bars onto your vehicle's rain gutters. Adjust their position to ensure even weight distribution and proper alignment.
- 5. Secure to Rain Gutters:** Use the remaining hardware to firmly attach the bases to the rain gutters. Double-check that all bolts are tightened securely.

6. **Final Check:** After installation, gently shake the cross bars to confirm they are stable and securely mounted. Ensure there is no excessive movement.

Important Considerations:

- Improper installation can lead to increased wind noise and potential safety hazards.
- If you encounter any difficulties or are uncertain about any step, it is recommended to seek assistance from a qualified technician or contact YHTAUTO customer support.



Product Specifications	
Position	Roof
Color	Black
Material of Bars	Aluminum Alloy
Material of Bracket	ABS Plastic
Max Loading	165 lbs
Package Included	Cross bars, Allen Key, with Bolts



A 10-MINUTES JOB

● Easy to Install

*Please read the instructions carefully before installation

Figure 5.1: Installation Process and Product Specifications. This image depicts a person performing the installation, reinforcing the "10-minutes job" claim, and includes a table of product specifications for quick reference.

6. OPERATING AND USAGE

Once installed, your YHTAUTO Car Roof Rack Cross Bar is ready to transport various items. Always adhere to the maximum load capacity and ensure cargo is securely fastened.

- **Cargo Types:** Suitable for carrying kayaks, surfing boards, cargo baskets, cargo boxes, snowboards, bicycles, and other large luggage.
- **Load Distribution:** Distribute weight evenly across the cross bars. Avoid concentrating heavy loads in

one area.

- **Secure Fastening:** Always use appropriate straps, ropes, or cargo nets to securely fasten all items to the roof rack. Periodically check the security of your cargo during long trips.
- **Driving Considerations:** Be mindful of increased vehicle height and width when driving with cargo, especially under low clearances or in windy conditions. Adjust driving speed as necessary.
- **Anti-Theft Lock:** Utilize the integrated anti-theft lock to secure the cross bars to your vehicle when not in use or when parked.



Figure 6.1: Wide Range Capacity. This image demonstrates the versatility of the roof rack, capable of carrying various items such as kayaks, surfboards, cargo baskets, cargo boxes, snowboards, and bikes.

7. MAINTENANCE

Regular maintenance will prolong the life and ensure the safe operation of your roof rack.

- **Cleaning:** Clean the cross bars and mounting components regularly with mild soap and water. Avoid abrasive cleaners that could damage the finish.
- **Inspection:** Periodically inspect all bolts, nuts, and mounting points for tightness. Retighten as necessary. Check for any signs of wear, corrosion, or damage to the aluminum alloy bars and ABS plastic components.

- **Lubrication:** If the anti-theft lock mechanism becomes stiff, apply a small amount of graphite lubricant.
- **Storage:** If the roof rack is removed for extended periods, store it in a dry, protected area to prevent environmental damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Excessive Wind Noise/Vibration	Improper installation or loose components.	Ensure all mounting bolts are securely tightened. Verify the cross bars are correctly positioned and aligned according to the instructions.
Roof Rack Feels Unstable	Loose mounting hardware or incorrect installation.	Re-check all attachment points and tighten any loose bolts. Refer to the installation instructions to confirm all steps were followed correctly.
Keys Not Working for Lock	Lock mechanism is stiff or incorrect key used.	Apply a small amount of graphite lubricant to the lock cylinder. Ensure you are using the correct key provided with the product.

If you experience issues not listed here or require further assistance, please contact YHTAUTO customer support.

9. SPECIFICATIONS

Brand	YHTAUTO
Model Number	YHTRR10102
Material of Bars	Aluminum Alloy (T6063)
Material of Bracket	ABS Plastic
Color	Black
Maximum Load Capacity	165 lbs (75 kg)
Product Dimensions	163.83 x 31.24 x 15.49 cm
Item Weight	7.21 kg

10. SAFETY INFORMATION

Adhering to safety guidelines is paramount when using any roof rack system. Failure to do so can result in property damage or personal injury.

- **Load Limits:** Never exceed the maximum load capacity of 165 lbs (75 kg) for the roof rack or the maximum roof load capacity specified by your vehicle manufacturer, whichever is lower.
- **Secure Cargo:** Always ensure all cargo is securely fastened to the cross bars. Loose items can shift during transit, causing damage or becoming a hazard.
- **Regular Checks:** Before each trip, and periodically during long journeys, check that the roof rack and

all cargo are securely attached.

- **Driving Habits:** Adjust your driving style when carrying cargo. Reduce speed, especially on rough roads, during strong winds, or when cornering. Be aware of increased vehicle height.
- **Maintenance:** Regularly inspect the roof rack for any signs of wear, damage, or loose components. Address any issues promptly.
- **Children:** Keep children away from the roof rack during installation and loading/unloading to prevent injury.

2 Kinds of Upgrades

- Designed to minimize the annoying wind noise
- Top Manufacturing Process to Resist Corrosion

Premium Materials



Aerodynamic Design

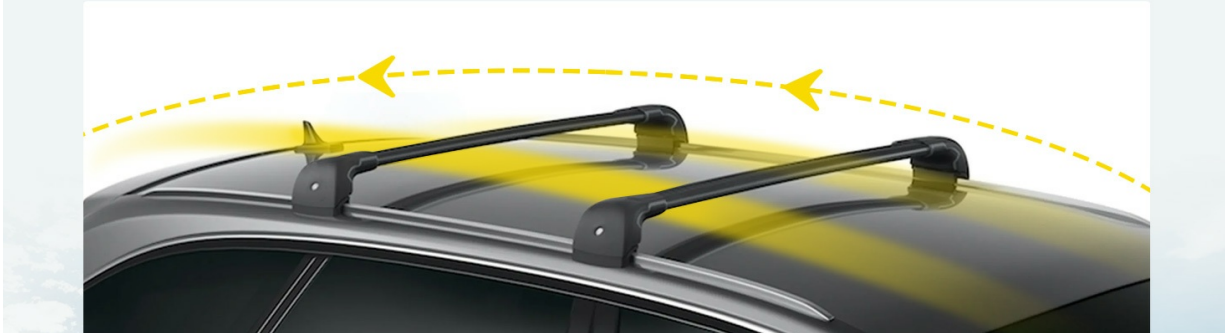


Figure 10.1: Installation Precautions and General Safety. This image serves as a reminder to take proper precautions during installation and use, emphasizing that improper installation can increase wind noise and potentially affect safety.

11. WARRANTY AND SUPPORT

For any questions regarding installation, operation, or if you encounter any issues with your YHTAUTO Car Roof Rack Cross Bar, please refer to the contact information provided in your product packaging or visit the official YHTAUTO website for customer support.

Periodically checking the condition of the parts and keeping them in top condition is highly recommended for longevity and safety.