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ROCKBROS HJ1009-CBR

ROCKBROS Rear Bike Rack Instruction Manual

Model: HJ1009-CBR

Brand: ROCKBROS

PRODUCT OVERVIEW

The ROCKBROS Rear Bike Rack (Model HJ1009-CBR) is an adjustable, quick-release bicycle cargo rack designed for transporting items on the back of your bicycle. Constructed from high-strength aluminum alloy, it offers a lightweight yet sturdy solution for carrying loads up to 115 lbs (52 kg). This rack features a full quick-release system for easy installation and removal, W-shaped bars to prevent pannier bags from interfering with tires, and adjustable telescopic rods to fit various bike frames.

Key Features:

- **Full Quick Release System:** Allows for easy installation and removal from the seat post and bottom rod.
- **Durable Construction:** Made from high-quality aluminum alloy, supporting up to 115 lbs (52 kg).
- **Adjustable Design:** Features adjustable rack length and telescopic rods (3-15cm extension) to accommodate different bicycle sizes.
- **Pannier Protection:** W-shaped bars are integrated to prevent pannier bags from contacting the bicycle tires.
- **Enhanced Visibility:** Includes a red rear reflector for improved safety during night or low-light conditions.

IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation and use. Failure to follow these instructions may result in product damage, personal injury, or property damage.

- **Weight Limit:** Do not exceed the maximum load capacity of 115 lbs (52 kg). Overloading can compromise stability and safety.
- **Compatibility:** This rack is designed for most 26"-29" mountain bikes. It is **not suitable** for bikes with rear suspension, flat tires, soft-tailed frames, carbon fiber frames, or folding bikes.
- **Seat Post Diameter:** Ensure your seat tube diameter is within 23mm for proper fitment. Use appropriate shims or gaskets if the seat post is too thin.

- **Secure Fastening:** Always ensure all bolts, clamps, and quick-release mechanisms are securely tightened before riding. Regularly check for looseness.
- **Load Distribution:** Distribute cargo evenly on the rack to maintain bicycle balance and stability.
- **Visibility:** The included red rear reflector enhances visibility. Consider additional lighting for night riding.

PACKAGE CONTENTS

Verify that all components are present before beginning installation.

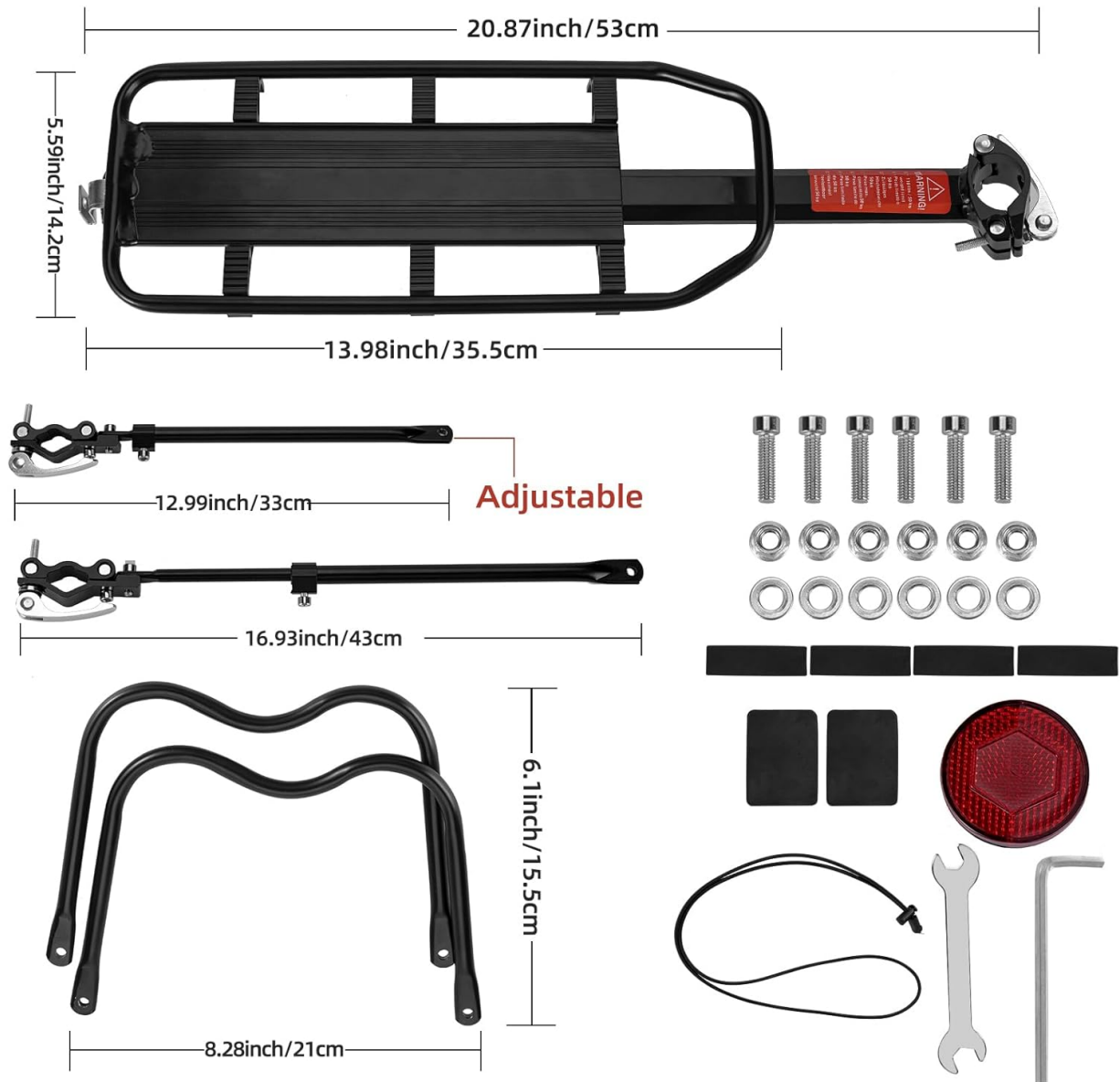


Image: All components of the ROCKBROS Rear Bike Rack, including the main rack body, adjustable support rods, W-shaped side bars, quick-release clamps, reflector, elastic cord, and installation tools.

Component	Quantity
Rack Body	1
Adjustable Telescopic Rods	2
W-shaped Side Bars (Guardrails)	2
Quick Release Clamps	2
Red Rear Reflector	1
Elastic Cord	1
Installation Tool Set (Allen wrenches, spanner)	1 set
Rubber Gaskets	Various
Bolts and Washers	Various

SPECIFICATIONS

- **Brand:** ROCKBROS
- **Model Number:** HJ1009-CBR
- **Material:** Aluminum Alloy
- **Color:** Black
- **Item Weight:** 1.25 Kilograms (approx. 2.75 lbs)
- **Load Capacity:** 115 lbs (52 kg)
- **Mounting Type:** Rear Seat Mount
- **Orientation:** Rear
- **Compatible Wheel Size:** 26" - 29" (most mountain bikes)
- **Seat Tube Diameter Compatibility:** Within 23mm
- **Adjustable Rod Extension:** 3-15cm

INSTALLATION INSTRUCTIONS

Follow these steps carefully to install your ROCKBROS Rear Bike Rack. It is recommended to watch the installation video for visual guidance.

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Video: Official ROCKBROS Rear Bike Rack Installation Guide. This video demonstrates the step-by-step process of attaching the rack to a bicycle, including securing the quick-release clamps, adjusting the support rods, and mounting the W-shaped side bars.

1. 1. Prepare the Seat Post Clamp:

Place two large rubber gaskets inside the quick-release clamp to protect your seat post and ensure a snug fit. If your seat post is thinner, additional gaskets may be required.



3. Adjust the bike rack panel position



4. Mount W-shaped bars

Image: A hand placing two black rubber gaskets into the open quick-release clamp mechanism of the bike rack, preparing it for attachment to the seat post.

2. 2. Mount the Rack to the Seat Post:

Attach the main rack body to the bicycle's seat post using the quick-release clamp. Ensure the clamp is positioned correctly and securely tightened. The quick-release lever should be firmly closed.

Full Quick Release System

Easy to Install



Image: A close-up of the quick-release clamp being secured around the bicycle's seat post, with the main rack body extending horizontally from it.

3. 3. Adjust Rack Panel Position:

Adjust the position of the rack panel along the main beam to achieve the desired length and balance over the rear wheel. Use an Allen wrench to loosen and tighten the screws that secure the panel.



5. Mount the telescopic rods



6. Adjust the the telescopic rods

Image: A hand using an Allen wrench to adjust the screws on the underside of the main rack beam, allowing the top panel to slide and adjust its position relative to the bike's rear wheel.

4. 4. Mount W-shaped Side Bars (Guardrails):

Attach the W-shaped side bars to the main rack body. These bars prevent pannier bags from rubbing against the rear wheel. Secure them with the provided bolts and tools.



7. Mounting telescopic rod quick release head



8. Finish and make sure to really tighten the screws

Image: A hand attaching one of the W-shaped side bars to the main rack structure, securing it with a bolt and washer.

5. 5. Install Telescopic Support Rods:

Connect the telescopic support rods from the main rack body down to the lower part of your bike frame (e.g., seat stays or chain stays). Ensure the quick-release heads are attached to the bike frame.



Image: A hand securing the lower end of a telescopic support rod to the bicycle's frame near the rear wheel, using a quick-release mechanism.

6. 6. Adjust and Secure Telescopic Rods:

Adjust the length of the telescopic rods to ensure the rack is level and stable. Tighten all bolts and quick-release levers on the support rods securely. Double-check all connections.

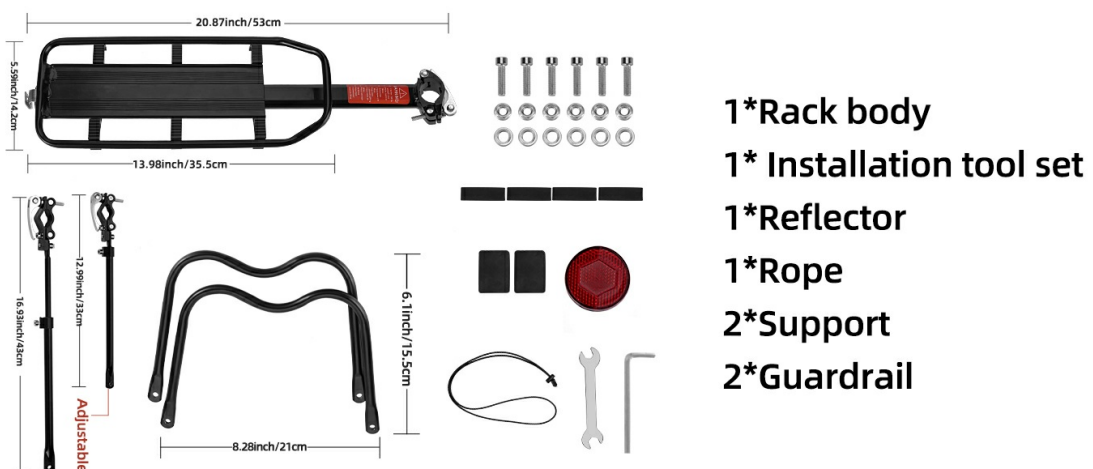


Image: A hand using an Allen wrench to tighten a bolt on the telescopic support rod, ensuring it is securely fastened and the rack is stable.

7. 7. Attach Rear Reflector:

Slide the red rear reflector onto the designated slot at the back of the rack for increased visibility.



Image: A hand sliding the red rear reflector into the slot at the very back of the bike rack, completing the installation.

8. 8. Final Check:

Before riding, ensure all connections are tight and the rack is stable. Gently push and pull on the rack to confirm it is securely mounted and does not wobble.

ROCKBROS BIKE RACK USAGR SCENARIOS

Bike Panniers



Trunk Bag



Image: A fully installed ROCKBROS Rear Bike Rack on a black mountain bike, viewed from the side, showing the rack securely attached to the seat post and frame.

OPERATING INSTRUCTIONS

Once installed, the ROCKBROS Rear Bike Rack is ready for use.

- **Loading Cargo:** Place items on the top platform of the rack. For larger items or pannier bags, utilize the W-shaped side bars for support and to keep them clear of the wheels.
- **Securing Cargo:** Use the provided elastic cord or other suitable straps (not included) to securely fasten your cargo to the rack. Ensure items are stable and do not shift during transit.
- **Weight Distribution:** Distribute the weight of your cargo as evenly as possible to maintain bicycle balance. Avoid placing all weight on one side.
- **Visibility:** Ensure the rear reflector is not obstructed by cargo. If necessary, use additional rear lights, especially when riding at night.
- **Quick Release Function:** To remove the rack, simply open the quick-release lever on the seat post clamp and detach the lower support rods.



Image: Two examples of the ROCKBROS bike rack in use: one side shows the rack with pannier bags attached, and the other side shows it with a trunk bag, demonstrating its versatility for carrying different types of cargo.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your bike rack.

- **Cleanliness:** Wipe down the rack with a damp cloth to remove dirt and grime. Avoid harsh chemicals that may damage the finish.
- **Fastener Check:** Periodically inspect all bolts, screws, and quick-release mechanisms for tightness. Retighten any loose fasteners.
- **Damage Inspection:** Check the aluminum alloy frame and plastic components for any signs of cracks, bends, or other damage. Replace damaged parts immediately.
- **Lubrication:** Apply a small amount of lubricant to the quick-release mechanism pivots if they become stiff.

TROUBLESHOOTING

If you encounter issues with your ROCKBROS Rear Bike Rack, refer to the following common solutions:

- **Rack is Wobbly:**
Ensure the quick-release clamp on the seat post is fully tightened. Check that the telescopic support rods are securely fastened to both the rack and the bike frame, and that their length is adjusted correctly to provide stable support.
- **Pannier Bags Rubbing Tires:**
Verify that the W-shaped side bars are correctly installed and positioned. Adjust the rack's position on the seat post if necessary to provide more clearance.
- **Difficulty Installing on Seat Post:**
Confirm your seat tube diameter is within the specified 23mm. Use the provided rubber gaskets to ensure a snug fit. If the seat post is too large, the rack may not be compatible. If too small, add more shims.
- **Rack Not Level:**
Adjust the length of the telescopic support rods. Loosen the fasteners, adjust the rod length until the rack platform is level, then re-tighten securely.

WARRANTY AND SUPPORT

For warranty information or technical support, please contact ROCKBROS customer service. Refer to your purchase documentation or the official ROCKBROS website for contact details.

Online Resources:

- For additional support and product information, visit the official ROCKBROS Store on Amazon.