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› OUHOUG J-Bar Kayak Roof Rack Instruction Manual

OUHOUG AB-122

OUHOUG J-Bar Kayak Roof Rack Instruction Manual

Model: AB-122

INTRODUCTION

This manual provides comprehensive instructions for the assembly, installation, operation, and maintenance of your OUHOUG J-bar Kayak Roof Rack. Designed for universal compatibility, this rack system allows for secure transport of various water sports equipment, including kayaks, canoes, stand-up paddleboards (SUPs), surfboards, and ski boards on your vehicle's rooftop.

Please read this manual thoroughly before installation and use to ensure proper setup and safe operation. Retain this manual for future reference.

PRODUCT FEATURES

- **Universal Compatibility:** Accommodates one kayak up to 36 inches wide and 75 lbs. Designed to fit round, square, oval, and flat crossbars from most factory or aftermarket installed roof rails.
- **Durable Construction:** Features thickened steel pipes with anti-rust properties and ultra-high density foam padding for equipment protection.
- **Easy Installation:** Tool-free installation with a combination of bolts and mounting knobs for quick and secure attachment.
- **Complete Accessory Kit:** Includes all necessary straps and hardware for secure mounting and transport.



Figure 1: Comparison highlighting the upgraded features of the OUHOUG Kayak Stand, including thickened steel pipe and ultra-high density foam.

PACKAGE CONTENTS

Verify that all components listed below are present in your package before beginning assembly.

- 2 x J-bar Kayak Rack Frames (with pre-installed foam padding)
- Mounting Hardware Kit (bolts, washers, nuts, star knobs, mounting plates for various crossbar types)
- 2 x Ratchet Straps with S-hooks
- 2 x Bow/Stern Tie-down Ropes
- Instruction Manual (this document)



Figure 2: Overview of all components included in the package, showing the J-bar frames, various mounting hardware, and tie-down straps.

SETUP AND INSTALLATION

Follow these steps to properly install the J-bar Kayak Roof Rack onto your vehicle's crossbars.

1. **Prepare Crossbars:** Ensure your vehicle's crossbars are clean and free of debris. The OUHOUG J-bar rack is designed to fit most round, square, oval, and flat crossbars.
2. **Attach Mounting Plates:** Select the appropriate mounting plates for your crossbar type. Position one J-bar frame on each crossbar, ensuring they are spaced adequately to support your kayak.
3. **Secure J-bars:** Place the bottom mounting plate under the crossbar and align it with the bolts extending from the J-bar frame. Securely fasten using the provided washers and star knobs. Tighten the knobs firmly by hand until the J-bar is stable and does not wobble.
4. **Verify Stability:** Gently shake each installed J-bar to confirm it is securely attached to the crossbar. Re-tighten if any movement is detected.



Figure 3: Detailed dimensions and universal crossbar compatibility of the J-bar rack, illustrating how it attaches to various crossbar shapes.

COMPLETE ACCESSORIES

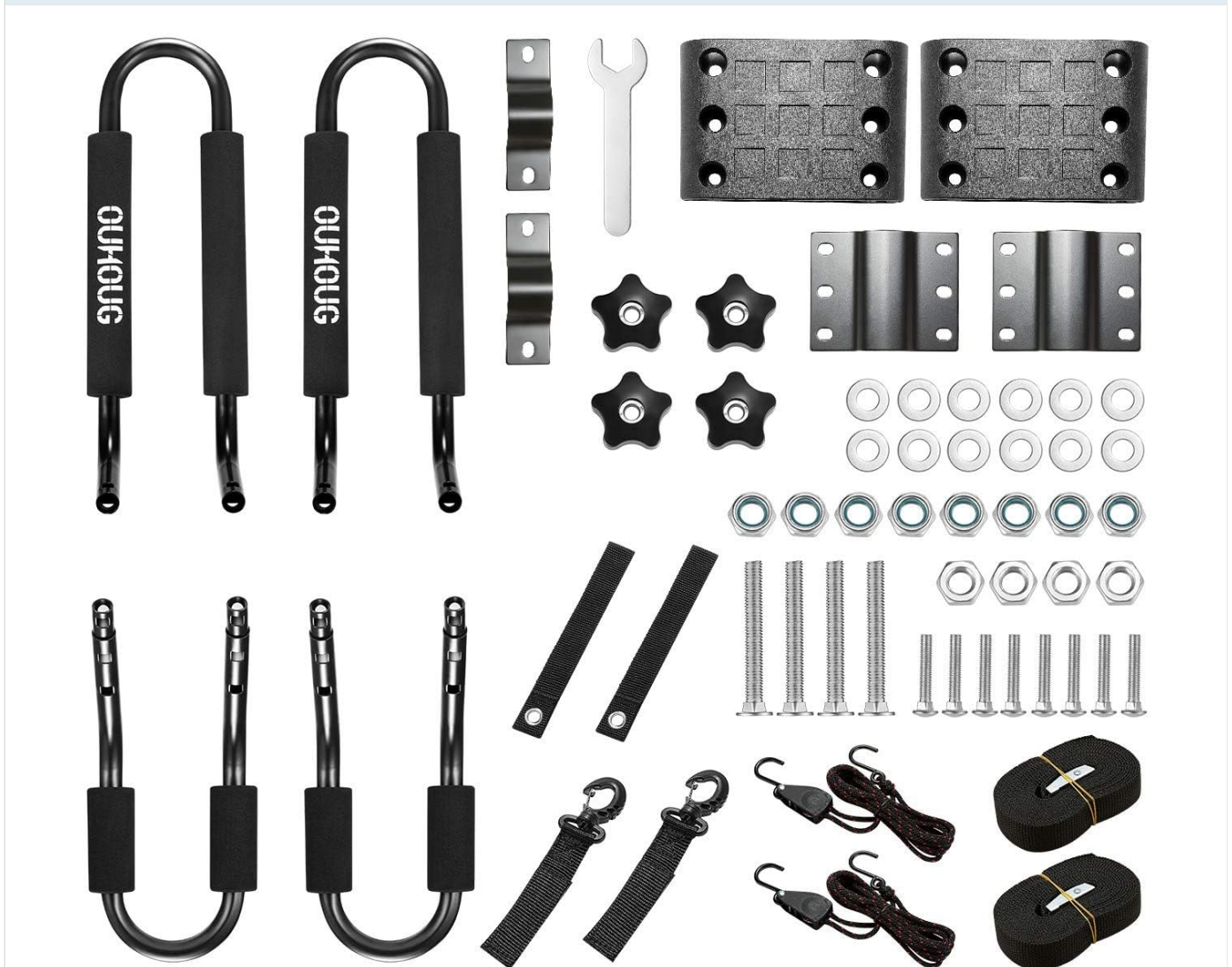


Figure 4: The J-bar kayak racks securely mounted on a vehicle's roof, ready for loading.

OPERATING INSTRUCTIONS

Once the J-bar racks are securely installed, follow these steps to safely load and transport your watercraft.

1. **Position Watercraft:** Carefully lift your kayak, canoe, or SUP and place it into the J-cradles of the racks. Ensure the watercraft is centered and balanced on both J-bars.
2. **Secure with Straps:** Use the provided ratchet straps to secure the watercraft to the J-bars. Thread the straps over the watercraft and through the J-bar openings, then tighten the ratchet mechanism until the watercraft is firmly held in place. Ensure straps are not twisted and are free from sharp edges.
3. **Attach Bow and Stern Lines:** For added security, especially during highway travel, attach the bow and stern tie-down ropes. Connect one end of each rope to the front and rear of your watercraft, and the other end to a secure anchor point on your vehicle (e.g., tow hooks, frame loops). Tighten these ropes to prevent fore-aft movement and uplift.
4. **Pre-Travel Check:** Before driving, double-check all straps and ropes for tightness. Ensure there is no excessive slack and that the watercraft is stable. Periodically check tightness during long journeys.



Figure 5: A kayak securely loaded onto the J-bar roof rack, demonstrating proper positioning for transport.



EASY TO INSTALL

The length of the two kinds
of ropes increased by 11.48ft

Figure 6: Visual guide on how to use the included straps and ropes (fixed bandage, belt, S-hook) to secure the watercraft to the rack and vehicle.

MAINTENANCE

Regular maintenance will extend the life of your OUHOUG J-bar Kayak Roof Rack and ensure continued safe operation.

- **Cleaning:** After each use, especially after exposure to saltwater or dirt, clean the J-bars and straps with mild soap and water. Rinse thoroughly and allow to air dry.
- **Inspect Hardware:** Periodically inspect all bolts, nuts, and knobs for tightness. Re-tighten as necessary. Check for any signs of wear, corrosion, or damage on the metal components and straps.
- **Foam Padding:** Inspect the foam padding for tears or excessive wear. While durable, severe damage may reduce protection for your watercraft.
- **Storage:** When not in use, store the rack in a dry, cool place away from direct sunlight to prevent material degradation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Rack feels loose or wobbly on crossbars.	Mounting knobs are not sufficiently tightened; incorrect mounting plate used for crossbar type.	Ensure all star knobs are tightened firmly by hand. Verify that the correct mounting plates are used for your specific crossbar shape (round, square, oval, flat).
Kayak shifts during transport.	Straps are not tight enough; bow/stern lines not used or loose.	Re-tighten all ratchet straps. Ensure bow and stern tie-down ropes are used and taut. Check for proper centering of the watercraft.
Difficulty fitting rack to certain crossbar shapes (e.g., round bars).	While designed for universal fit, some highly specific crossbar profiles may require careful adjustment or alternative mounting hardware.	Ensure the mounting plates are correctly oriented. If issues persist, consider consulting a professional or contacting customer support for advice on specific crossbar types.

SPECIFICATIONS

Attribute	Detail
Brand	OUHOUG
Model Number	AB-122
Color	Black-1
Item Dimensions (L x W x H)	17.5 x 36 x 14.6 inches
Load Capacity	75 Pounds
Mounting Type	Roof Mount, Rails, Crossbar Mount
UPC	745895281898

WARRANTY AND SUPPORT

OUHOUG stands behind the quality of its products. We offer a 100% Refund/Exchange policy for all goods purchased from our store.

For any questions, concerns, or support needs regarding your J-bar Kayak Roof Rack, please utilize our instant online customer service. Our team is available to assist you before and after your purchase.

Please refer to your purchase documentation for specific warranty terms and contact information.

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