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## Kuat SH12B

# Kuat Sherpa 2.0 2-Bike Hitch Rack Instruction Manual

Model: SH12B

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## 1. OVERVIEW

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The Kuat Sherpa 2.0 is a lightweight and durable aluminum hitch-mounted bike rack designed to transport two bicycles. It features a compact design, a cable lock for security, and foldable tire cradles for convenience. This manual provides essential information for the safe assembly, installation, operation, and maintenance of your Sherpa 2.0 bike rack.



Image: The Kuat Sherpa 2.0 2-Bike Hitch Rack in black metallic and gray anodize finish.

## 2. WHAT'S IN THE BOX

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Verify that all components are present before beginning assembly:

- Sherpa 2.0 Bike Rack Assembly
- Hitch Pin with Lock
- Integrated Cable Lock
- Assembly Tools (Hex keys, wrench)
- Instruction Manual

## 3. SETUP AND INSTALLATION

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### 3.1 Assembly

The Sherpa 2.0 rack requires minimal assembly. Follow the included instructions carefully. Ensure all bolts are

tightened to the specified torque to prevent movement during transport. A torque wrench is recommended for precise tightening.



Image: The Kuat Sherpa 2.0 bike rack in its folded position.

### 3.2 Hitch Installation

1. Insert the rack's hitch bar into your vehicle's hitch receiver.
2. Align the hitch pin hole and insert the locking hitch pin. Secure it with the provided lock.
3. Tighten the anti-wobble mechanism (usually a knob or bolt on the hitch bar) to eliminate any play between the rack and the receiver.

Your browser does not support the video tag.

Video: An official demonstration of the Kuat Sherpa 2.0 2-Bike Rack, covering assembly and installation.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Loading Bicycles

1. Lower the tire cradles and ratchet arms into position.
2. Place the first bicycle onto the inner tray, ensuring the wheels sit securely in the cradles.
3. Bring the adjustable ratchet arm over the front wheel and press down until it firmly secures the wheel without contacting the bike frame.
4. Secure both wheels with the integrated wheel straps.

5. Repeat for the second bicycle on the outer tray.



Image: The Kuat Sherpa 2.0 with its arms extended, ready to load bicycles.

#### 4.2 Foot-Assisted Pivot System

To access your vehicle's trunk or tailgate with bikes loaded, use the foot-assisted pivot system. Simply tap the foot lever located at the base of the rack to tilt the rack downwards, providing clearance. Push the rack back up until it locks into place when finished.



Image: The Kuat Sherpa 2.0 tilted away from the vehicle for trunk access.

#### 4.3 Cable Lock Usage

The Sherpa 2.0 includes an external cable with a semi-integrated lock for securing your bikes to the rack. Extend the cable through the bike frames and wheels, then insert the end into the locking mechanism on the rack. Use the provided key to lock it. Always ensure the cable is securely fastened before leaving your bikes unattended.



Image: The Kuat Sherpa 2.0 with two bicycles securely loaded and ready for transport.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Kuat Sherpa 2.0 bike rack:

- **Cleaning:** Clean the rack regularly with mild soap and water, especially after exposure to dirt, salt, or harsh weather conditions. Rinse thoroughly and dry.
- **Lubrication:** Periodically lubricate moving parts such as the pivot points and ratchet mechanisms with a silicone-based lubricant.
- **Hardware Check:** Before each use, inspect all bolts, nuts, and straps for tightness and wear. Re-tighten any loose fasteners.
- **Storage:** When not in use, store the rack in a dry, protected area to prevent corrosion and damage.

## 6. TROUBLESHOOTING

| Problem                        | Possible Cause  | Solution  |
|--------------------------------|---|---|
| Rack wobbles in hitch receiver | Anti-wobble mechanism not fully tightened.            | Ensure the anti-wobble knob/bolt is fully tightened after inserting the hitch pin.                  |
| Difficulty tilting rack        | Pivot mechanism may be stiff or obstructed.           | Ensure the foot lever is fully depressed. Check for debris and lubricate pivot points if necessary. |
| Bikes not secure on rack       | Ratchet arms or wheel straps not properly engaged.    | Ensure ratchet arms are firmly pressed against the front wheels and all wheel straps are tightened. |
| Cable lock not engaging        | Cable end not fully inserted or mechanism obstructed. | Ensure the cable end is fully inserted into the lock. Check for debris in the locking mechanism.    |

## 7. SPECIFICATIONS

| Feature       | Detail                               |
|---------------|--------------------------------------|
| Model Number  | SH12B                                |
| Hitch Size    | 1.25 inches (as per current product) |
| Bike Capacity | 2 Bicycles                           |

| Feature                  | Detail   |
|--------------------------|--|
| Weight Capacity per Tray | 40 lbs (18.1 kg)   |
| Total Load Capacity      | 80 lbs (36.3 kg)   |
| Rack Weight              | 32 lbs (14.5 kg)   |
| Material                 | Aluminum   |
| Wheelbase Compatibility  | Up to 47 inches  |
| Tire Size Compatibility  | Up to 3 inches (Phat Bike Kit required for tires over 2.75 inches) |
| Wheel Size Compatibility | 20-29 inches (20-24 inch wheels require Wheel Adapter)             |
| Foldable                 | Yes  |
| Integrated Lock          | Cable Lock   |

## 8. WARRANTY INFORMATION

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The Kuat Sherpa 2.0 Bike Rack comes with a Limited Warranty. For specific details regarding coverage, duration, and claims process, please refer to the official Kuat website or contact Kuat customer support directly. Keep your proof of purchase for warranty validation.

## 9. CUSTOMER SUPPORT

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For further assistance, technical questions, or to purchase replacement parts, please contact Kuat customer support:

- **Website:** Visit the official Kuat Racks website for FAQs and support resources.
- **Email:** Refer to the Kuat website for direct email support options.
- **Phone:** Consult the Kuat website for current customer service phone numbers and operating hours.

When contacting support, please have your product model (SH12B) and purchase information readily available.