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Garvee p4eNW1S4u37079OjUjA_RwCTy5D7c

Garvee Heavy Duty Hitch Bike Rack Instruction Manual

Model: p4eNW1S4u37079OjUjA_RwCTy5D7c

Introduction

This manual provides detailed instructions for the safe and effective installation, operation, and maintenance of your Garvee Heavy Duty Hitch Bike Rack. This rack is designed to securely transport two bicycles, including electric bikes (ebikes), on vehicles equipped with a 2-inch hitch receiver. Please read this manual thoroughly before assembly and use to ensure proper function and safety.



Image: The Garvee Heavy Duty Hitch Bike Rack, designed for two bikes.

Safety Information

- Always ensure the hitch receiver is properly installed and rated for the combined weight of the rack and bikes.
- Do not exceed the maximum load capacity of 200 lbs (100 lbs per bike).
- Verify all bolts, pins, and straps are securely fastened before each trip.
- Regularly inspect the rack for any signs of wear, damage, or loose components.
- Ensure bikes are properly secured to prevent movement during transit.
- Be aware of the increased length and width of your vehicle when the rack is installed, especially when backing up or turning.
- Do not modify the bike rack in any way. Use only original Garvee replacement parts.
- Keep children and pets away from the rack during installation and loading/unloading of bikes.
- Always follow local and state regulations regarding vehicle extensions and lighting.

Setup and Installation

The Garvee Heavy Duty Hitch Bike Rack requires assembly before its first use. An assembly instruction sheet is included in the box. Follow these general steps for installation:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify all components are present according to the included assembly instructions.
2. **Assemble the Rack:** Follow the step-by-step assembly instructions provided with your product. This typically involves attaching the main platform to the hitch arm and securing the upright support arms.
3. **Install into Hitch Receiver:** Slide the hitch arm of the assembled rack into your vehicle's 2-inch hitch receiver.



Image: The Garvee bike rack is designed for universal fit with 2-inch hitch receivers on SUVs, trucks, RVs, and cars.

4. **Secure the Rack:** Insert the hitch pin through the receiver and the rack's hitch arm. Secure it with the provided locking mechanism to prevent theft and movement. The integrated hitch lock ensures the rack is firmly attached to your vehicle.



Image: Detail of the anti-theft locking system and anti-shaking U-bolt mechanism for secure attachment to the vehicle hitch.

5. **Adjust Wheel Trays:** Ensure the wheel trays are properly spaced for your bikes. The rack accommodates fat tires up to 5 inches wide.



Image: The bike rack securely holds two ebikes, demonstrating its capacity for various tire sizes, including fat tires up to 5 inches.

Operating Instructions

Follow these steps for loading, transporting, and unloading your bicycles:

1. **Loading Bikes:**
    - Place the first bike onto the inner wheel trays.
    - Adjust the soft, adjustable cradles to firmly grip the bike's frame without scratching. These cradles swivel 180 degrees for optimal positioning.



Image: Close-up of the anti-scratch design featuring soft frame clamps and reinforced nylon safety straps to secure the bike's wheels.

- Secure the wheels using the reinforced nylon straps provided. Each strap features a lockable core for added security (lock included).
- Repeat for the second bike on the outer wheel trays.
- Ensure both bikes are stable and do not interfere with each other or the vehicle.

2. **Quick-Tilt Feature:**
   - To access your vehicle's trunk or cargo area with bikes loaded, locate the quick-release lever.
   - Engage the lever to tilt the entire rack downwards, away from the vehicle.
   - Once access is complete, lift the rack back into its upright position until it locks securely.
3. **Space-Saving Foldable Design:**
   - When the rack is empty and not in use, you can fold it compactly towards your vehicle.
   - Locate the easy-pull paddle mechanism.
   - Engage the paddle to fold the rack, reducing its profile for parking or improved rear visibility.
   - To unfold, reverse the process, ensuring it locks securely in the normal position.



Image: Demonstrates the rack's versatile design, showing its normal operating position, tilted down for trunk access, and folded up for compact storage when not in use.

4. **Anti-Theft Features:**
    - The rack includes an integrated hitch lock to secure the rack to your vehicle.
    - Each wheel strap features a lockable core (lock included) to deter theft of your bikes.
    - Always use these locking mechanisms to protect your investment.

Maintenance

- **Cleaning:** Clean the rack regularly with mild soap and water to remove dirt, road grime, and salt. Rinse thoroughly and dry.
- **Lubrication:** Periodically lubricate moving parts, such as hinges and locking mechanisms, with a silicone-based lubricant to ensure smooth operation.
- **Inspection:** Before each use, inspect all bolts, pins, straps, and welds for tightness, wear, or damage. Replace any worn or damaged parts immediately.
- **Storage:** When not in use, store the bike rack in a dry, protected area to prolong its lifespan.

Troubleshooting

- **Rack feels loose in the hitch:** Ensure the hitch pin is fully inserted and secured with the locking mechanism. Verify the anti-shaking U-bolt mechanism (if applicable) is tightened.
- **Bikes are swaying or moving:** Double-check that all wheel straps are tightly secured and the frame cradles are firmly gripping the bike frames. Ensure the lockable cores on the straps are engaged.
- **Ratchet tied-down bar not holding:** If the ratchet mechanism for securing bikes does not hold tension, inspect it for debris or damage. Ensure the strap is correctly threaded through the ratchet. If the issue persists, contact customer support for assistance or replacement parts.
- **Rack not tilting or folding smoothly:** Check for obstructions or debris in the hinge mechanisms. Apply a silicone-based lubricant to moving parts.

Specifications

Feature	Detail
Model Number	p4eNW1S4u37079OjUjA_RwCTy5D7c
Brand	Garvee
Material	High-Strength Steel
Color	Black
Load Capacity	200 pounds (100 lbs per bike)
Bike Capacity	2 Bikes
Hitch Receiver Size	2-inch standard
Max Tire Width	5 inches
Item Dimensions (L x W x H)	53.94 x 12.2 x 10.24 inches
Item Weight	50 pounds
Mounting Type	U-Bolt
UPC	824126779844

DIMENSION



Image: Detailed dimensions of the Garvee Heavy Duty Hitch Bike Rack, showing overall length, width, height, and hitch receiver size.

Warranty and Support

Manufacturer Warranty: This product is covered by a 30-day manufacturer warranty. Please refer to the warranty card included with your purchase for specific terms and conditions.

Customer Support: For any questions, technical assistance, or warranty claims, please contact Garvee Customer Support. Refer to the contact information provided in your product packaging or visit the official Garvee website.

You can also visit the Garvee Store on Amazon for more information.

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