



Manuals.plus /

- › Amazon Basics /
- › Amazon Basics 4-Bike Hitch Rack Instruction Manual (Model DS-HB202-4)

## Amazon Basics DS-HB202-4

# Amazon Basics 4-Bike Hitch Rack Instruction Manual

Model: DS-HB202-4

## 1. PRODUCT OVERVIEW

This manual provides instructions for the Amazon Basics 4-Bike Hitch Rack, designed for secure transportation of up to four bicycles on vehicles equipped with a 2-inch hitch receiver. The rack features a durable construction and an anti-sway design to minimize movement during transit.

### Key Features:

- **4-Bike Capacity:** Designed to accommodate four bicycles, preventing collision during transport.
- **Universal Compatibility:** Engineered for vehicles with 2-inch hitch receivers, suitable for most bike types, including oversized or undersized frames.
- **Durable Construction:** Made from heavy-duty iron with powder coating and ultra-durable rubber straps for longevity.
- **Convenient Design:** Features a secure tie-down system, arms that fold away when not in use, and a tilt-back function for vehicle access.
- **Anti-Sway Design:** Includes a heavy-duty anti-rattle stabilizer to ensure safe, secure, and scratch-free transportation, even on uneven roads.

## 2. PACKAGE CONTENTS

Verify that all components are present before beginning assembly. Refer to the diagram below for a visual representation of the parts included.

Your browser does not support the video tag.

**Video:** Overview of the Amazon Basics Hitch Rack components and initial assembly steps.

## 3. SETUP AND INSTALLATION

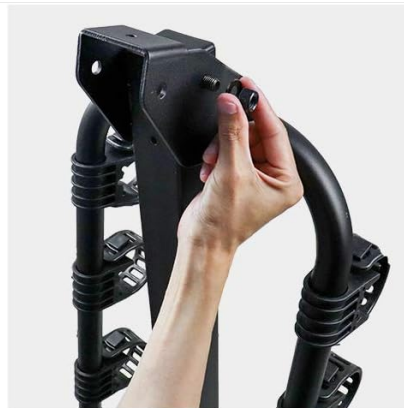
Follow these steps to assemble and install your bike rack. Ensure all connections are secure before use.

### 3.1 Assembly Steps

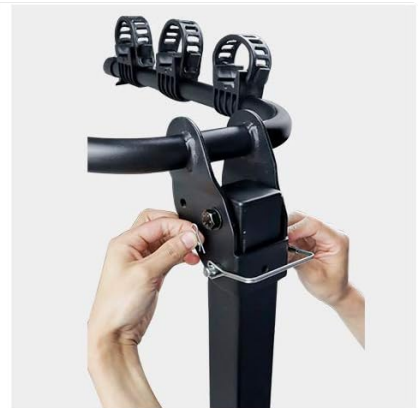
1. **Unfold the Stand:** Begin by unfolding the main stand component of the bike rack.
2. **Install Carry Arm:** Attach the carry arm to the main stand. Secure it using the provided hardware.
3. **Secure Carry Arm:** Insert the quick release bolt to allow for fast unfolding of the carry arm.
4. **Tighten Short Knob:** Tighten the short knob to reduce any wobbling of the carry arm.
5. **Tighten Long Knob:** Tighten the long knob to reduce wobbling of the entire bike rack assembly.
6. **Insert into Hitch:** Insert the assembled bike rack into your vehicle's 2-inch hitch receiver.
7. **Secure with Included Screw:** Use the provided screw to firmly secure the rack within the hitch receiver.



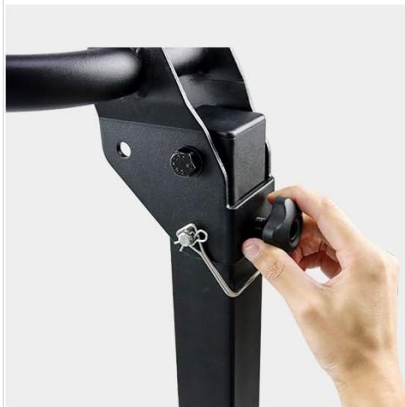
Unfold the stand



Install carry arm



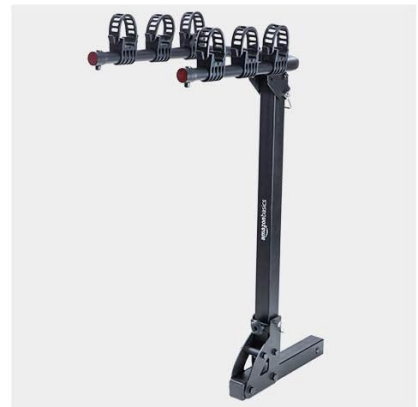
Quick release bolt for unfolding the carry arm fast



Tighten the short knob to reduce wobbling of the carry arm



Tighten the long knob to reduce wobbling of the bike rack

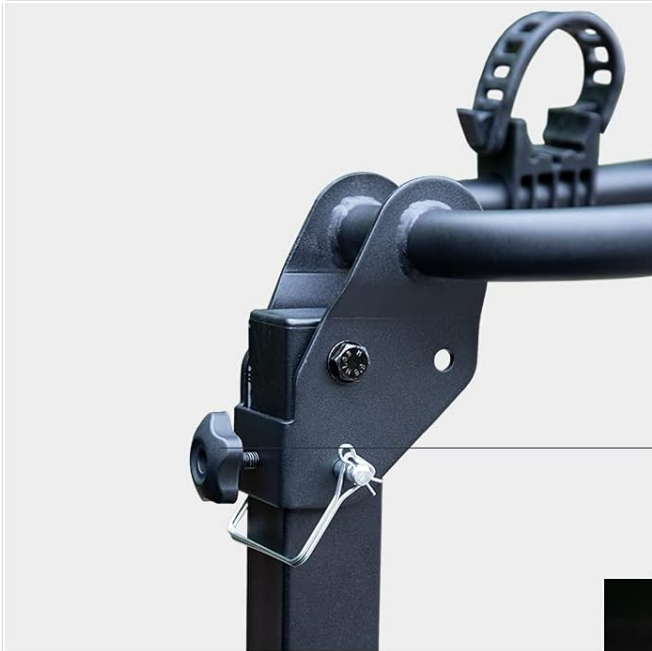


Insert the bike rack into 2" hitch of vehicle, and use the included screw to lock it.

**Image:** Visual guide for assembling the bike rack, showing each step from unfolding the base to securing the arms and tightening knobs.

### 3.2 Hitch Connection and Stability

The anti-wobble knob is designed to minimize the gap between the two bolts in the main post, reducing overall wobble of the carrying arm. The hitch connection uses a bolt and cotter pin for secure attachment to the vehicle's 2-inch hitch receiver.



Anti-wobble knob, non penetrate main post, only to minimize the gap of two bolts in main post to reduce wobble of carrying arm.

Anti-wobble knob, penetrate main post



**Image:** Detailed view of the anti-wobble knob and its function in securing the rack components.

## 4. OPERATING INSTRUCTIONS

### 4.1 Loading Bicycles

Ensure the rack is securely installed on your vehicle's hitch receiver. Place bicycles onto the carrying arms, using the rubber straps to secure the bike frames. Distribute the weight evenly and ensure bikes do not interfere with vehicle lights or license plate.



**Image:** A bicycle properly loaded and secured on the hitch rack at the rear of a truck.

## 4.2 Tilting Function

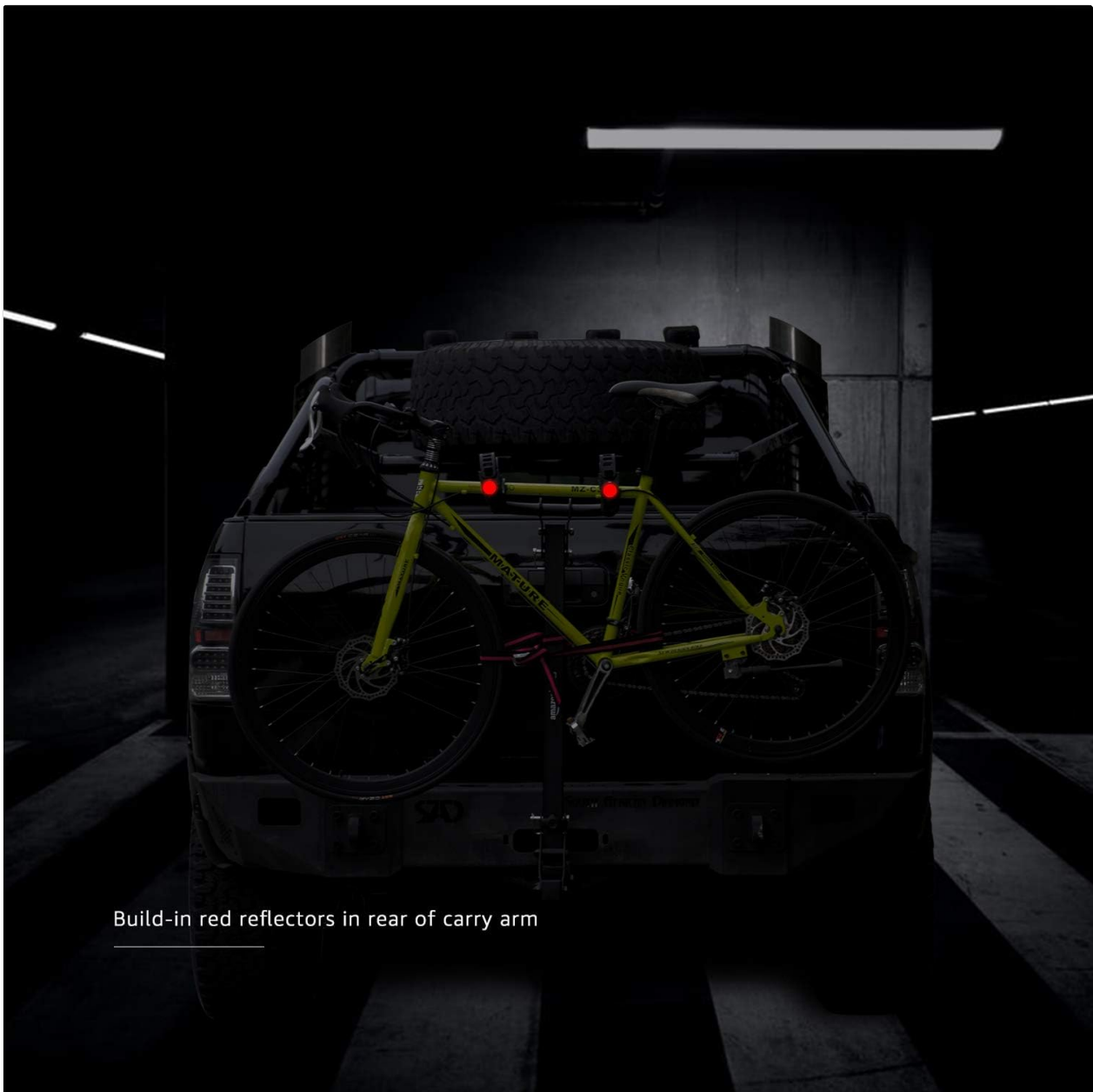
The rack can be tilted away from the vehicle to allow access to the rear cargo area. To tilt, remove the securing pin, carefully lower the rack, and re-secure the pin in the tilted position. Reverse the process to return the rack to its upright position.



**Image:** The bike rack in its tilted position, providing access to the vehicle's trunk.

### 4.3 Safety Features

The rack includes built-in red reflectors on the rear of the carry arm to enhance visibility, especially during low-light conditions.



Build-in red reflectors in rear of carry arm

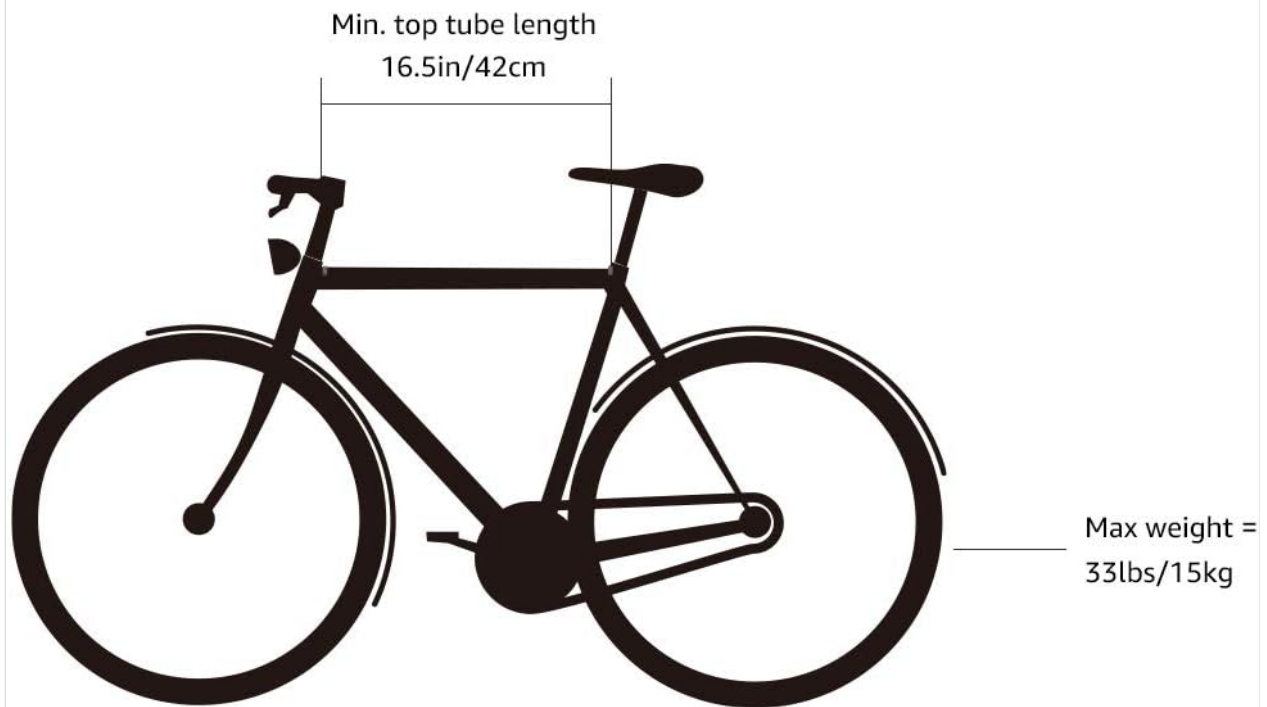
**Image:** Red reflectors integrated into the bike rack for improved safety and visibility.

## 5. COMPATIBILITY

---

This hitch rack is designed to fit most bicycles with crossbars. It is important to note that it **is not recommended** for tandem, recumbent, or children's bicycles due to potential fitment or stability issues. Ensure your bike's top tube length is at least 16.5 inches (42 cm) and its weight does not exceed 33 lbs (15 kg) per bike.

# Hitch Rack Compatibility



Fits most bikes with crossbars.

Not recommended for tandem, recumbent, or children's bicycles.

**Image:** Diagram detailing the minimum top tube length and maximum weight for compatible bicycles.

## 6. MAINTENANCE

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

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

## 7. TROUBLESHOOTING

If you encounter issues with your bike rack, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Rack wobbles excessively during transit.	Loose hitch connection or anti-wobble knobs.	Ensure the hitch bolt is fully tightened and the anti-wobble knobs on the rack are securely fastened.
Bikes slide or shift on the carrying arms.	Straps are not tight enough or worn.	Tighten rubber straps securely around bike frames. Inspect straps for damage and replace if necessary. Consider using additional tie-down straps for extra security.
Cannot insert hitch bolt into receiver.	Hitch receiver or rack opening misaligned.	Slightly adjust the position of the rack within the hitch receiver, tilting it slightly if needed, to align the holes. Do not force the bolt.
Carry arms do not fold or unfold smoothly.	Hinge points are stiff or corroded.	Clean and lubricate the hinge points with a silicone-based lubricant.

## 8. SPECIFICATIONS

Attribute	Detail
Brand	Amazon Basics
Model Number	DS-HB202-4
Color	Black
Material	Heavy-duty Iron, Rubber
Mounting Type	Hitch Mount (2-inch receiver)
Bike Capacity	4 Bikes
Item Dimensions (L x W x H)	39.37 x 12.6 x 39.37 inches
Item Weight	22.1 Pounds
Foldable	No (arms fold, main stand does not)
UPC	672352803105

## 9. WARRANTY INFORMATION

This Amazon Basics product is covered by a limited warranty. For specific details regarding warranty coverage, duration, and claims process, please refer to the warranty documentation included with your purchase or visit the official Amazon Basics support website.

## 10. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Amazon Basics customer service. Contact information can typically be found on the product packaging or on the Amazon

Basics official website.

**Online Support:** Visit the Amazon Basics Store