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MAXXHAUL 70210

MaxxHaul 70210 Hitch Mount 4-Bike Rack Instruction Manual

Model: 70210 | Brand: MAXXHAUL

1. INTRODUCTION AND PRODUCT OVERVIEW

The MaxxHaul 70210 Hitch Mount 4-Bike Rack is designed for safe and convenient transportation of up to four bicycles. Constructed from durable, powder-coated steel, this rack supports a maximum weight of 150 lbs and is compatible with vehicles equipped with a 2-inch hitch receiver. Key features include a swing-down mechanism for rear cargo access, adjustable bike cradles with hook-and-loop straps for secure bike attachment, and a safety reflector.

This rack is ideal for cars, SUVs, trucks, and minivans. Please note that it is primarily designed for bikes with horizontal top tubes. For bicycles with different frame types, such as curved or lowered beams, a crossbar adapter (not included) may be necessary to ensure proper and secure mounting.



Figure 1: Front view of the MaxxHaul 70210 Hitch Mount 4-Bike Rack.

2. SAFETY INFORMATION

Always prioritize safety when installing and using the bike rack. Failure to follow these guidelines may result in injury or damage to property.

- **Weight Limit:** Do not exceed the maximum load capacity of 150 lbs (68 kg). Ensure the combined weight of all bicycles does not exceed this limit.
- **Hitch Compatibility:** This rack is designed for 2" x 2" Class III and Class IV hitch receivers only. Verify your vehicle's hitch type before installation.
- **Pinch Points:** Be aware of pinch points during assembly, installation, and operation, especially when folding or unfolding the rack. Keep hands clear to avoid injury.
- **Secure Attachment:** Always use the provided hook-and-loop straps and any additional tie-downs to firmly

secure bikes to the rack and prevent movement during transit.

- **RV/Trailer Use:** This bike rack is **not advisable** for use on RVs, trailers, or fifth-wheels due to increased distance between the rear bumper and axle, which can lead to excessive bouncing, swaying, and stress on the rack and bikes.
- **Reflector:** Ensure the safety reflector is properly installed and visible for enhanced safety during travel.
- **Regular Inspection:** Before each use, inspect the rack for any signs of wear, damage, or loose components. Ensure all pins and bolts are securely fastened.

3. PRODUCT COMPONENTS

The MaxxHaul 70210 Hitch Mount 4-Bike Rack includes the following main components:

- Main upright assembly with hitch receiver bar
- Horizontal bike support arm
- Four (4) adjustable bike cradles with hook-and-loop straps
- Hitch pin and clip
- Safety reflector
- Assembly hardware (bolts, washers, nuts)



Figure 2: Product dimensions and key components.

4. SETUP AND INSTALLATION

Installation of the MaxxHaul 70210 bike rack is designed to be straightforward. Follow these steps for proper assembly and attachment to your vehicle.

1. **Assemble the Main Rack:** Attach the horizontal bike support arm to the main upright assembly using the provided bolts and nuts. Ensure all connections are tight and secure.
2. **Install Bike Cradles:** Secure the four adjustable bike cradles onto the horizontal support arm. These cradles are typically pre-installed or easily bolted into place. Ensure the hook-and-loop straps are functional.
3. **Attach Reflector:** Mount the safety reflector to the designated area on the rack, usually at the rear of the horizontal support arm, using the provided hardware.
4. **Insert into Hitch Receiver:** Slide the hitch receiver bar of the assembled rack into your vehicle's 2-inch hitch receiver. Align the pin holes.
5. **Secure with Hitch Pin:** Insert the hitch pin through the aligned holes in the receiver and the rack. Secure it with the provided clip. For added security, a threaded hitch locking pin (MaxxHaul 50376) can be used (sold separately).
6. **Tighten Connection:** Use a wrench to tighten the main bolt that secures the rack within the hitch receiver. This minimizes wobble and ensures a stable connection.

Applicable Bicycle Styles

Only applies to straight beam bikes, not for curved or lowered beams

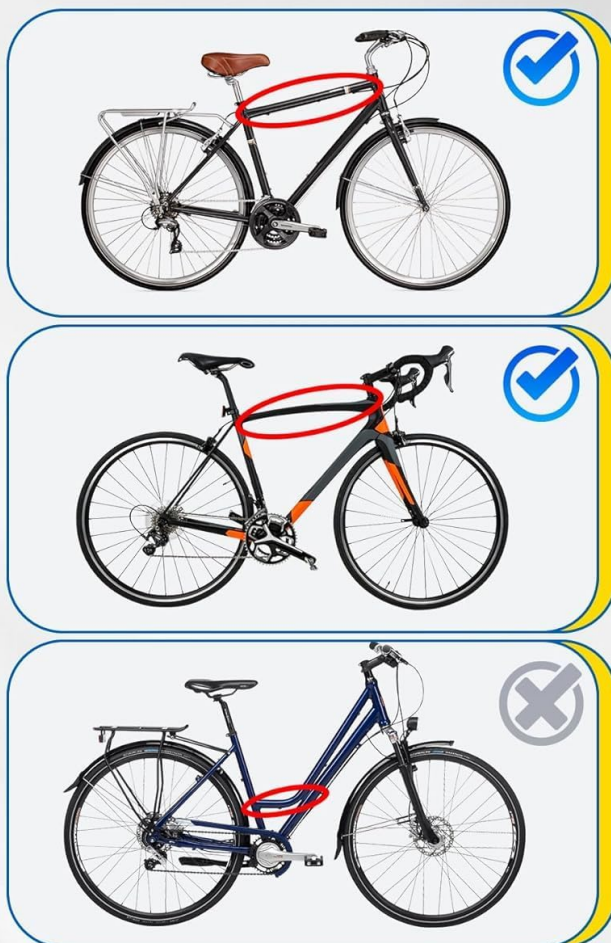


Figure 3: The bike rack installed on a vehicle, ready for use.

Installation Video: MaxxHaul 50376 Hitch Locking Pin

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Video 1: This video demonstrates the installation process for the MaxxHaul 50376 Threaded Hitch Locking Pin, which can be used with the 70210 bike rack for enhanced security. The video shows how to remove the locking head, insert the pin into the hitch receiver, tighten it with a wrench, and secure it with a safety pin.

5. OPERATING INSTRUCTIONS

5.1 Loading Bicycles

1. Ensure the rack is securely installed on your vehicle.
2. Lift each bicycle and place its top tube into the adjustable bike cradles on the horizontal support arm.
3. Secure each bike using the hook-and-loop straps provided on the cradles. Ensure the straps are tightly fastened around the bike frame to prevent movement.
4. For bikes without a horizontal top tube, use a crossbar adapter (not included) to create a stable mounting point.
5. If transporting multiple bikes, alternate the direction of the bikes (e.g., handlebars facing left, then right) to maximize space and minimize contact between bikes.
6. Always use additional tie-down straps (not included) to secure the wheels and prevent bikes from swaying or contacting the vehicle.



Figure 4: The bike rack with four bicycles securely loaded.

5.2 Using the Swing-Down Feature

The swing-down feature allows you to access your vehicle's rear cargo area without removing the bikes or the entire rack.

1. Ensure the vehicle is parked on a level surface and the parking brake is engaged.
2. Remove the upper quick-release pin located at the pivot point of the rack's upright assembly.
3. Carefully lower the horizontal bike support arm and bikes downwards until they rest in the lowered position.
4. Once lowered, you can access your vehicle's trunk or tailgate.
5. To return the rack to the upright position, lift the horizontal arm until the pin holes align, then re-insert the quick-release pin to secure it.

Special Features



01 | Adjustable with hook and loop straps



02 | Heavy Duty welded steel



03 | Reflector lens for added safety



04 | Includes quick hitch pins

Figure 5: The rack in its swing-down position, allowing access to the vehicle's rear.

5.3 Folding for Storage

When not in use, the rack can be folded upwards for more compact storage or when driving without bikes.

1. Ensure all bikes are removed from the rack.
2. Remove the upper quick-release pin.
3. Fold the horizontal bike support arm upwards until it rests vertically against the main upright assembly.
4. Re-insert the quick-release pin into the designated hole to secure the arm in the folded position.



Figure 6: The bike rack folded upwards for compact storage when not in use.

Product Overview Video

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Video 2: This video provides a general overview of the MaxxHaul 70210 Hitch Mount 4-Bike Rack, highlighting its features and functionality, including the swing-down and folding capabilities.

6. MAINTENANCE

To ensure the longevity and safe operation of your MaxxHaul bike rack, perform the following maintenance:

- **Cleaning:** Regularly clean the rack with mild soap and water to remove dirt, road grime, and salt, which can cause corrosion. Rinse thoroughly and dry.
- **Lubrication:** Periodically apply a light lubricant to moving parts, such as the pivot points for the swing-down and folding mechanisms, to ensure smooth operation.
- **Hardware Check:** Routinely check all bolts, nuts, and pins for tightness. Re-tighten any loose fasteners to the manufacturer's specifications.
- **Strap Inspection:** Inspect the hook-and-loop straps for wear, tears, or damage. Replace any worn or damaged straps immediately to maintain bike security.
- **Rust Prevention:** The rack features a powder-coat finish to resist rust. If the finish is scratched or chipped, touch up with rust-inhibiting paint to prevent corrosion.

7. TROUBLESHOOTING

If you encounter issues with your MaxxHaul bike rack, consider the following common solutions:

- **Rack Wobbles in Hitch:** Ensure the hitch pin is fully inserted and secured with the clip. Verify the main bolt connecting the rack to the hitch receiver is tightened sufficiently. An anti-rattle hitch tightener (sold separately) can further reduce movement.
- **Bikes Sway Excessively:** Confirm all hook-and-loop straps are tightly secured around the bike frames. Use

additional tie-down straps to stabilize the wheels and prevent bike-to-bike or bike-to-vehicle contact. Ensure bikes are loaded evenly.

- **Difficulty Folding/Unfolding:** Check for any obstructions in the pivot mechanism. Apply a lubricant to the pivot points if movement is stiff. Ensure the quick-release pin is fully removed before attempting to fold or unfold.
- **Bikes Don't Fit:** If your bike has a non-standard frame (e.g., step-through, full suspension), a crossbar adapter (not included) is required to provide a horizontal top tube for mounting.

8. SPECIFICATIONS

Feature	Specification
Model Number	70210
Brand	MAXXHAUL
Capacity	4 Bicycles
Load Capacity	150 Pounds (68 kg)
Hitch Compatibility	2" x 2" Class III and Class IV Receivers
Material	Alloy Steel
Finish	Powder-Coated (Black)
Item Dimensions (L x W x H)	32.99 x 10 x 5.98 inches (approximate, folded)
Item Weight	25 Pounds (11.3 kg)
Foldable	Yes (for storage)
Swing-Down Feature	Yes (for rear cargo access)
Included Components	Bike rack, hitch pin, safety reflector

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

The MaxxHaul 70210 Hitch Mount 4-Bike Rack is covered by a **90-day manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, parts inquiries, or warranty claims, please contact MaxxHaul Customer Service. Refer to the contact information provided on the product packaging or the official MaxxHaul website.