

Young Electric 10104105

Young Electric 4-Bike Hitch Mount Platform Style Carrier Instruction Manual

Model: 10104105

1. PRODUCT OVERVIEW

The Young Electric 4-Bike Hitch Mount Platform Style Carrier is designed for secure and convenient transportation of up to four bicycles. It features a robust construction, soft padded hooks, and a locking hitch pin to ensure your bikes remain stable and protected during transit. The rack is compatible with vehicles equipped with a 2-inch hitch receiver.



Image: The Young Electric 4-Bike Hitch Mount Platform Style Carrier securely holding four bicycles on the back of a truck.

2. SAFETY INFORMATION

- **Load Capacity:** The rack has a total capacity of 160 lbs, with each bike weighing up to 40 lbs. When installed behind a motor home (RV), the maximum weight capacity is 120 lbs.
- **RV Use:** When using with an RV, DO NOT exceed 120 lbs total capacity.
- **Intended Use:** DO NOT use this bike carrier for transporting or carrying items or materials other than bicycles.
- **Hitch Compatibility:** ONLY fits vehicles with 2-inch hitch receivers.
- **Secure Installation:** Always ensure the locking hitch pin is properly installed and tightened to prevent swaying.
- **Bike Security:** Utilize the soft padded hooks and tire straps to secure bikes firmly, preventing movement and paint damage.
- **Visibility:** The rack includes a rear safety reflector to enhance visibility, especially in low-light conditions.

3. PARTS LIST

Most parts come pre-assembled. The package includes:

- Main bike rack assembly
- Locking hitch pin
- Hitch tightener

- Soft padded frame hooks
- Tire straps
- Hardware for assembly
- Instruction manual

4. SETUP AND ASSEMBLY

Follow these steps to assemble and install your Young Electric 4-Bike Rack:

1. **Insert into Hitch Receiver:** Slide the main hitch arm of the bike rack into your vehicle's 2-inch hitch receiver.
2. **Secure with Locking Pin:** Align the holes and insert the locking hitch pin. Tighten the hitch tightener to eliminate wobble and secure the rack firmly to the vehicle.



Image: The hitch connection showing the locking pin and hitch tightener for a secure fit.

3. **Attach Wheel Trays:** Attach the individual wheel trays to the horizontal arms of the rack. These trays are adjustable to accommodate various tire widths (up to 2.5 inches wide).

Tires Up To 2.5" Wide



Image: Adjustable wheel trays with straps, designed to hold tires up to 2.5 inches wide.

4. **Install Frame Hooks:** Position the soft padded frame hooks on the vertical support arms. These hooks slide down to secure the bike frame.



Image: Soft padded hooks designed to secure bicycle frames without causing damage.

5. **Final Adjustments:** Ensure all bolts and pins are securely fastened before loading bikes.

Assembly Video

Your browser does not support the video tag.

Video: This official Young Electric video demonstrates the assembly process of the bike rack, showing how to connect various components and secure them.

5. OPERATING INSTRUCTIONS

Loading Bicycles

1. Place the bicycle wheels into the designated wheel trays.
2. Slide the padded frame hooks down over the bicycle's top tube until it firmly secures the frame.
3. Use the provided tire straps to further secure the wheels to the trays, preventing any movement during transport.

Folding and Tilting Features

The rack offers convenient folding and tilting options:

- **Folding Up:** When not in use, the rack can be folded upwards against the vehicle to save space, ideal for parking or when bikes are not being transported.



QUICK RELEASE TILTING

Image: The bike rack in its folded-up position, compact against the vehicle's rear.

- **Tilting Down:** A quick-release mechanism allows the rack to tilt downwards, providing easy access to your vehicle's trunk or cargo area without needing to remove the bikes or the entire rack.

FOLDABLE



Image: The bike rack tilted down, providing convenient access to the vehicle's rear hatch.

Product Features Video

Your browser does not support the video tag.

Video: This official seller video showcases the various features of the platform bike rack, including its adjustability and ease of use for different bike types.

6. MAINTENANCE

- Regularly inspect all bolts, pins, and straps for wear or damage. Replace any worn components immediately.
- Keep the rack clean from dirt, mud, and road salt to prevent corrosion. Wipe down with a damp cloth and dry thoroughly.
- Store the rack in a dry place when not in use to prolong its lifespan.

7. TROUBLESHOOTING

- **Rack Wobbles:** Ensure the hitch tightener is fully tightened. Verify the locking hitch pin is correctly inserted and secured.

- **Bikes Sway:** Confirm that the padded frame hooks are slid down firmly against the bike frames and that all tire straps are securely fastened. Consider using additional bungee cords or straps for extra stability if needed.
- **Difficulty Accessing Trunk:** Ensure the quick-release tilting mechanism is properly engaged to allow the rack to tilt downwards.

8. SPECIFICATIONS



- **Model:** 10104105
- **Brand:** Young Electric
- **Color:** Black
- **Load Capacity:** 160 Pounds (40 lbs per bike)
- **RV Load Capacity:** 120 Pounds (when installed behind a motor home)
- **Mounting Type:** Hitch
- **Hitch Receiver Size:** 2 inches (ONLY)
- **Item Dimensions (L x W x H):** 38 x 19 x 7.1 inches
- **Item Weight:** 65.9 pounds
- **Automotive Fit Type:** Universal Fit (for 2-inch receivers)





9. WARRANTY AND SUPPORT

For specific warranty details and customer support, please refer to the documentation included with your product or contact Young Electric directly. Protection plans may be available for purchase separately.

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Related Documents - 10104105

	<p>Young Electric SOLE R Hitch Bike Rack Manual: Assembly, Installation & Specifications</p> <p>Comprehensive user manual for the Young Electric SOLE R hitch bike rack. Includes parts list, step-by-step assembly, bike installation, technical specifications, safety warnings, and warranty information for your 2-inch hitch receiver.</p>
	<p>Young Electric Platform Bike Rack - 2 Bike Assembly and User Manual</p> <p>Comprehensive assembly, mounting, and maintenance guide for the Young Electric Platform Bike Rack designed to carry 2 bikes. Includes warnings, tool requirements, step-by-step instructions, and troubleshooting tips.</p>

	<p>Young Electric FELLOW Hitch Bike Rack Manual</p> <p>Comprehensive user manual for the Young Electric FELLOW Hitch Bike Rack, detailing parts, assembly instructions, bike installation, technical specifications, and warranty information.</p>
	<p>YOUNG ELECTRIC E-Bike Owner's Manual: Assembly, Operation, and Maintenance Guide</p> <p>Comprehensive owner's manual for the YOUNG ELECTRIC E-bike, covering assembly instructions, safety precautions, battery care, HMI controls, maintenance schedules, troubleshooting, and limited warranty information.</p>
	<p>YOUNG ELECTRIC E-FLOW Owner's Manual: Assembly, Safety, and Maintenance Guide</p> <p>Comprehensive owner's manual for the YOUNG ELECTRIC E-FLOW electric bicycle, distributed by Forcome Co., Ltd. Includes detailed assembly instructions, safety precautions, specifications, maintenance guidelines, and warranty information for optimal use and longevity.</p>
	<p>YOUNG ELECTRIC E-SCOUT Owner's Manual and Assembly Guide</p> <p>Comprehensive owner's manual and assembly guide for the YOUNG ELECTRIC E-SCOUT electric bicycle, covering specifications, safety, assembly instructions, battery charging and storage, pre-ride checks, HMI control, maintenance, troubleshooting, service parts, and limited warranty information.</p>