

[Manuals.plus](#) /

› [Young Electric](#) /

› Young Electric Ez-fold 2-bike Rack-se Instruction Manual

Young Electric EZ-FOLD 2-EBIKE RACK

Young Electric Ez-fold 2-bike Rack-se Instruction Manual

Model: EZ-FOLD 2-EBIKE RACK | Brand: Young Electric

INTRODUCTION

This manual provides essential information for the safe and efficient use of your Young Electric Ez-fold 2-bike Rack-se. Designed for durability and ease of use, this hitch-mount e-bike rack is capable of transporting two electric bikes with a combined weight of up to 200 lbs. It features a robust construction suitable for various vehicles with a 2-inch receiver, accommodating fat tires up to 5 inches wide. Please read all instructions carefully before assembly and operation to ensure optimal performance and safety.

SETUP AND ASSEMBLY

Your Young Electric Ez-fold 2-bike Rack-se comes mostly pre-assembled for convenience. The primary assembly steps involve attaching the main hitch bar to your vehicle's 2-inch receiver and securing the wheel chocks and upright arms. Ensure all bolts are tightened securely to prevent wobbling during transport.

1. Hitch Installation

Insert the hitch bar into your vehicle's 2-inch receiver. Secure it with the provided locking hitch pin and anti-wobble bolt. Use a 24mm wrench to tighten the bolt, ensuring a snug fit to eliminate movement.

FOLDS UP CLEARS OUT

Folds in Seconds / Clears Your Garage



← AFTER



Fold Flat,
Drive Free



Stable &
Safe Build



Tool-Free
Folding



Garage-Ready
Design



BEFORE →

Image: Detailed view of the hitch connection, showing the anti-wobble bolt and locking pin securely fastened to the vehicle's 2-inch receiver.

2. Wheel Chock and Upright Arm Assembly

Attach the red wheel chocks to the rack trays. Ensure they are tightened enough to hold the wheel but still allow for slight movement to accommodate different tire sizes. The upright arms should be installed according to the manual, allowing for vertical adjustment.

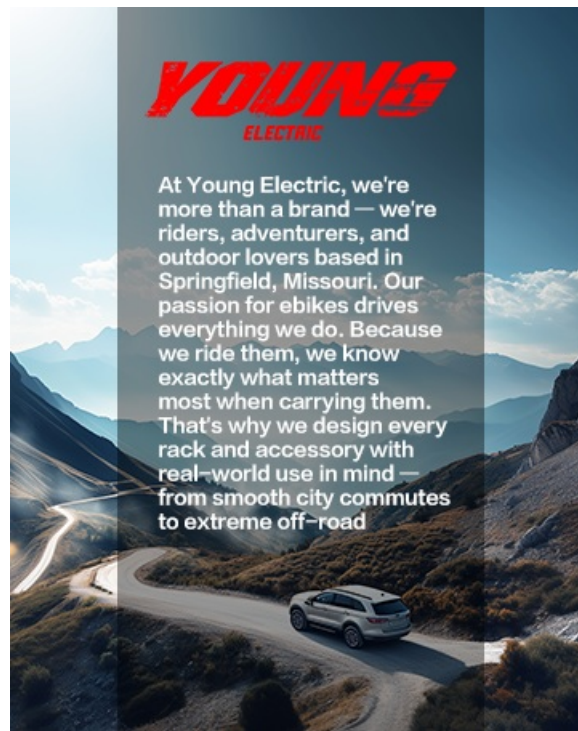


Image: Close-up of the adjustable wheel chocks and upright arms, highlighting their flexible design for various bike types.

3. Ramp Attachment

The included ramp hooks onto either side of the rack for easy loading and unloading of heavy e-bikes. Secure it with the provided pin.



Reinforced
Steel Core

3X

Strength

Engineered to Endure Off-Road Abuse

Alumium Tray

60%

Lighter

Easier Lift, Same Rock-Solid Hold on Every Trail

BUILT TOUGH HANDLED LIGHT

Heavier Where It Matters / Lighter Where It Counts

Image: A person demonstrating the attachment of the loading ramp to the side of the bike rack.

Assembly Demonstration Video

Video: A detailed demonstration of the assembly process for the Young Electric 2-Bike Hitch Mount E-Bike Rack, including hitch connection and initial setup.

OPERATING INSTRUCTIONS

1. Loading and Unloading Bikes

Utilize the provided ramp to roll your e-bikes onto the rack trays. Secure each bike using the adjustable wheel straps and the 2-arm fix system, which includes anti-falloff 360° swirl structure and anti-wobble features. Ensure bikes are firmly in place before travel.



Adjustable Sliders

Tailor fit most bikes with different wheelbase.

MAX WHEELBASE

Stable-Grip Mega Cradle:

Ultra-Wide Wheel Support For Zero-Wobble Travel



Fits Road, Mountain Bike, Fat Tires Up To 5" Wide

EASY ADAPTING TO DIFFERENT BIKES

Image: Two e-bikes are shown loaded on the rack, demonstrating the secure positioning and use of the ramp for easy access.

2. Folding and Unfolding the Rack

The Ez-fold mechanism allows the rack to fold up when not in use, saving space for parking or storage. To unfold, release the locking pin and lower the trays into position. To fold, lift the trays and secure the pin.



OVERBUILT FOR OVERLAND

Designed for Strength / Proven on Real Terrain

1.4x 
More Capacity



MUD



SNOW



GRAVEL

Image: The bike rack is shown in its folded-up position against the vehicle, illustrating its compact storage.

3. Adjusting for Different Bike Sizes

The movable cradles and adjustable sliders allow adaptation to various bike lengths and tire widths up to 5 inches. Adjust the upright arms by loosening the lever, sliding to the desired height, and re-tightening.



OFF-ROAD FIRST DOWN TO THE LAST BOLT

Engineered for E-Bikes / Secured for the Roughest Roads

Image: Close-up of the adjustable sliders and stable-grip mega cradles, designed to fit different tire widths and wheelbases.

4. Tilting Mechanism for Trunk Access

The rack features a tilting mechanism that allows you to access your vehicle's trunk or tailgate without removing the bikes. Engage the tilt release lever and carefully lower the rack.



TILT WITH EASE TRAVEL AT PEACE

Pop the trunk without touching your bikes

Image: The bike rack is shown tilted downwards, providing clear access to the vehicle's trunk even with bikes loaded.

Loading and Unloading Demonstration Video

Video: A demonstration of loading and unloading e-bikes using the ramp and securing mechanisms of the hitch rack.

FEATURES

- **200 LB Total Capacity:** The bike rack hitch can easily transport up to 100 pounds per bike, supporting a total of 200 lbs.

- **Universal Tire Holders:** Compatible with e-bikes, mountain bikes, and road bikes with up to 5-inch fat tires.
- **Safe and Secure:** Features a 2-arm fix, anti-falloff 360° swirl structure, and anti-wobble design to secure bikes without swaying.
- **User-Friendly Folding:** Easily folds up when not in use for convenient storage.
- **Adjustable Tire Rack:** Sturdy 5-inch wide steel trays and movable cradles adapt to different bike lengths.
- **2-Inch Hitch Receiver:** Designed exclusively for vehicles with 2-inch receivers, ensuring a sturdy and stable connection.
- **Reinforced Steel Core:** Engineered for 3X strength to endure off-road use.
- **Aluminum Tray:** 60% lighter than traditional steel, making lifting easier while maintaining stability.

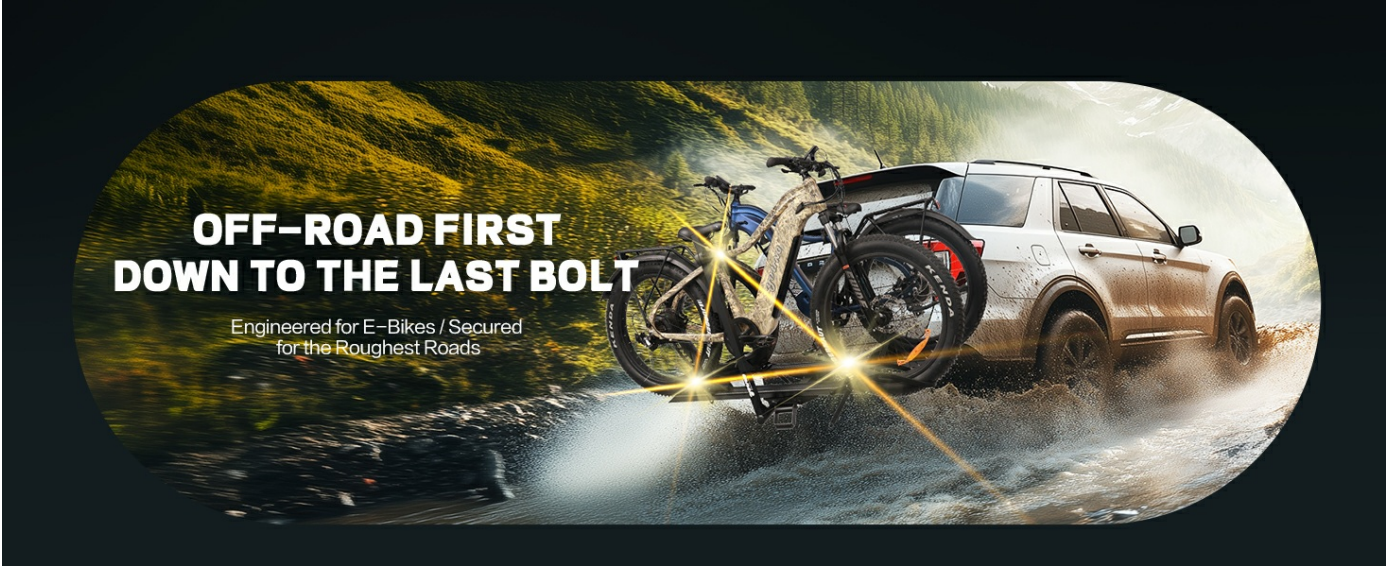


Image: An exploded view highlighting the reinforced steel core for strength and the lightweight aluminum tray construction.

SPECIFICATIONS

Property	Specification
Color	Black
Vehicle Service Type	Car, Trailer, Truck, Van
Material	Alloy Steel, Aluminum
Item dimensions L x W x H	55.5 x 38.1 x 40 inches
Item Weight	50.7 Pounds
Is Foldable	Yes
Load Capacity	200 Pounds
Mounting Type	Hitch Mount
Automotive Fit Type	Universal Fit
Model Number	EZ-FOLD 2-EBIKE RACK

DIMENSION



Image: A diagram illustrating the key dimensions of the bike rack, including length, width, and height.

MAINTENANCE

To ensure the longevity and safe operation of your bike rack, regular maintenance is recommended:

- **Cleaning:** Clean the rack regularly with mild soap and water to remove dirt, road grime, and salt, especially after exposure to harsh weather conditions.

- **Inspection:** Periodically inspect all bolts, nuts, and straps for tightness and wear. Re-tighten any loose fasteners.
- **Lubrication:** Apply a small amount of lubricant to moving parts, such as hinges and pivot points, to ensure smooth operation.
- **Storage:** When not in use, store the rack in a dry, protected area to prevent rust and damage.

TROUBLESHOOTING

If you encounter any issues with your bike rack, consider the following:

- **Rack Wobbling:** Ensure the anti-wobble hitch bolt is fully tightened. Check that the hitch pin is securely inserted.
- **Bikes Swaying:** Verify that all wheel straps and the 2-arm fix mechanisms are properly engaged and tightened. Adjust the upright arms and cradles to fit your bikes snugly.
- **Difficulty Folding/Tilting:** Check for any obstructions or debris in the hinge mechanisms. Ensure the release levers are fully disengaged.

WARRANTY AND SUPPORT

The Young Electric Ez-fold 2-bike Rack-se comes with a **one-year manufacturer's warranty**. For warranty claims, technical support, or any questions regarding your product, please refer to the contact information provided in the original product packaging or visit the Young Electric official website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Email

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Details

Submit question

