

Young Electric 100104118160

Young Electric Ez-Fold 2-Bike Rack Instruction Manual

Model: 100104118160

1. SAFETY INFORMATION

Read all instructions carefully before assembly, installation, and use. Failure to follow these instructions may result in property damage or personal injury. Keep this manual for future reference.

- **Maximum Load Capacity:** Do not exceed the total weight capacity of 200 lbs (100 lbs per bike).
- **Hitch Receiver:** This bike rack is designed exclusively for vehicles with a 2-inch hitch receiver. Do not attempt to install on other hitch sizes.
- **Vehicle Compatibility:** Ensure your vehicle (Car, RV, SUV, Trailer, Truck, Van) is suitable for carrying a hitch-mounted bike rack and the combined weight of the rack and bikes.
- **Secure Attachment:** Always ensure all bikes are properly secured to the rack using the provided wheel cradles, straps, and frame clamps before driving.
- **Regular Checks:** Periodically check all fasteners, straps, and connections for tightness and wear, especially during long trips or after driving on rough terrain.
- **Clearance:** Be aware of the increased length and width of your vehicle when the bike rack is installed, especially when backing up, turning, or parking.

2. SETUP AND INSTALLATION

2.1 Unpacking

Carefully remove all components from the packaging. Verify that all parts listed in the assembly diagram are present and undamaged. Most parts come pre-assembled for ease of installation.

2.2 Hitch Receiver Compatibility

This bike rack is designed to fit a standard 2-inch hitch receiver. Confirm your vehicle's hitch receiver size before proceeding with installation.

2.3 Assembly

The bike rack features a design with many pre-assembled components, requiring minimal tools for final setup. Refer to the included hardware and diagrams for specific steps.

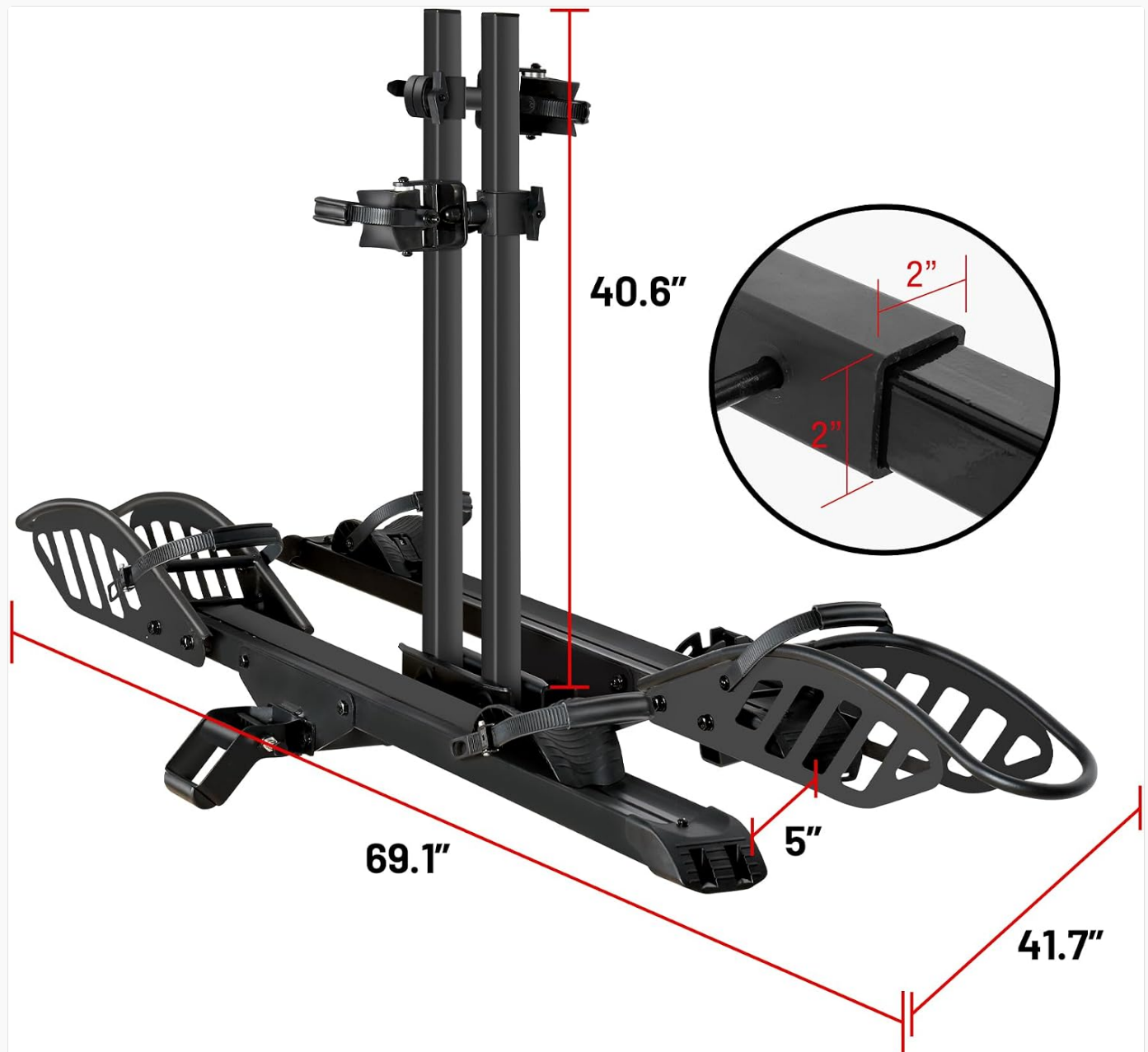


Figure 2.3.1: Included parts for assembly. The rack is designed for easy installation with minimal tools.

2.4 Installing the Rack to the Vehicle

Insert the hitch arm of the bike rack into your vehicle's 2-inch hitch receiver. Align the pinholes and secure the rack using the provided locking hitch pin. Ensure the anti-wobble mechanism is engaged to prevent movement.

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Video 2.4.1: Official demonstration of the Young Electric EZ-FOLD E-Bike Rack installation and usage. This video illustrates the process of attaching the rack to a vehicle and securing bikes.

3. OPERATING INSTRUCTIONS

3.1 Loading Bikes

The rack accommodates two bikes, each weighing up to 100 lbs, for a total capacity of 200 lbs. It is compatible with various bike types, including e-bikes, mountain bikes, and road bikes, with tires up to 5 inches wide.

200LBS MAX CAPACITY

Up to 100 lbs per bike



Figure 3.1.1: The Ez-Fold 2-Bike Rack securely transporting two e-bikes, demonstrating its 200 lbs total capacity.

EASY INSTALLATION

MINIMUM TOOLS REQUIRED



Figure 3.1.2: The rack supports a maximum wheelbase of 50 inches and tire widths up to 5 inches, accommodating various bike sizes.

3.2 Securing Bikes

Utilize the 2-arm centralized fix technology, patent-secure wheel cradles, and anti-wobble structure to firmly hold your bikes. The 360° swirl design secures the upper, middle, and lower frames of your e-bike, preventing swaying and knocking against the vehicle, even on rough off-road surfaces.

SECURE YOUR RIDE

WITH CUTTING-EDGE STABILITY



Figure 3.2.1: The rack's patented securing features, including the anti-falling off integrated design and 360° swirl design, ensure bike stability.

ANTI-WOBBLE DESIGN



Large Wheel Cradle Design

Prevent e-bike swaying after placing on



Figure 3.2.2: The large wheel cradle design and anti-wobble system prevent bikes from swaying during transport.

EASY ADAPTING TO

DIFFERENT BIKES LENGTH

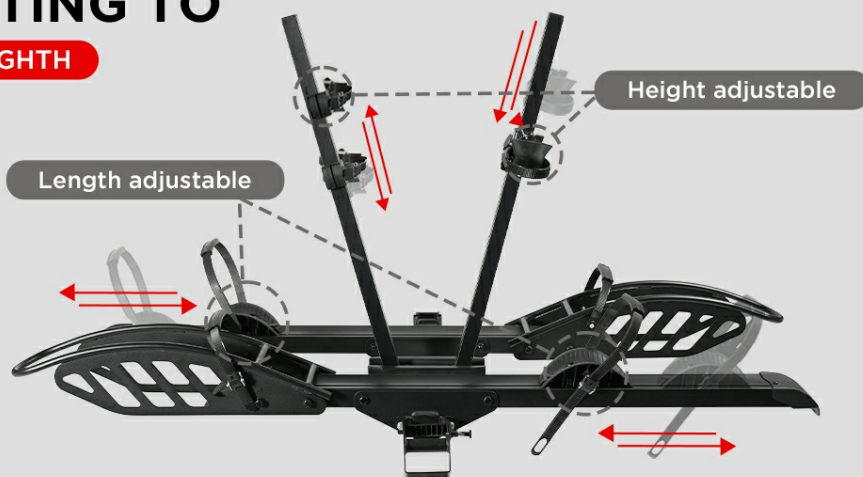


Figure 3.2.3: Bikes are easily secured and tightened using the adjustable straps and frame clamps.

3.3 Accessing Vehicle Trunk

The rack features a quick-release tilting mechanism, allowing you to access your vehicle's trunk without needing to unload the bikes. Simply engage the release and tilt the rack downwards.

EASY TRUNK ACCESS

QUICK RELEASE TILTING

Open trunk easily
**without having to
unload bike**



Figure 3.3.1: The quick-release tilting feature provides convenient trunk access.

3.4 Folding for Storage

When not in use, the rack can be easily folded up towards the vehicle for compact storage or parking. It includes an anti-detachment limit safety device for bumpy roads.

EASILY FOLD UP TO TRUNK

WHEN NOT IN USE

- 1 Folding with one hand.
- 2 Anti-detachment limit safety device for bumpy roads.

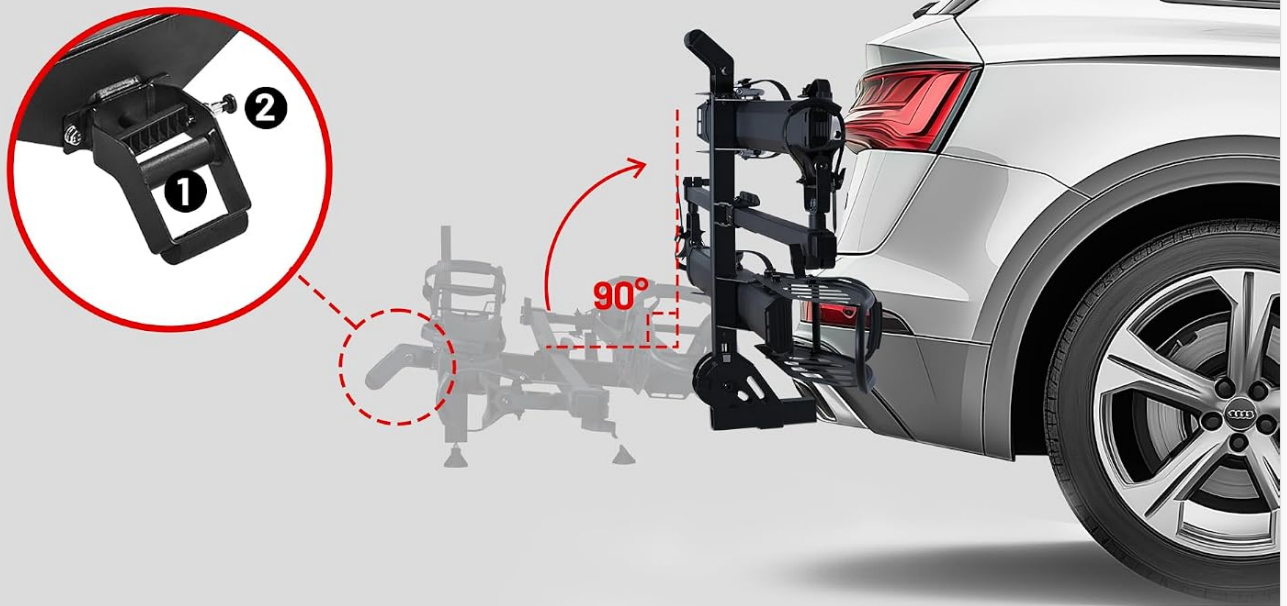


Figure 3.4.1: The rack folds up easily with one hand and includes a safety device for secure storage.

4. MAINTENANCE

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

- **Inspection:** Before each use, inspect all straps, buckles, bolts, and the hitch connection for any signs of wear, damage, or looseness.
- **Cleaning:** Clean the rack periodically with mild soap and water to remove dirt, road grime, and salt. Rinse thoroughly and dry to prevent corrosion.
- **Lubrication:** Apply a small amount of lubricant to moving parts, such as hinges and the tilting mechanism, to ensure smooth operation.
- **Storage:** When not in use, store the bike rack in a dry, protected area to prevent exposure to harsh weather conditions.

5. TROUBLESHOOTING

5.1 Bike Instability or Swaying

- **Check Straps:** Ensure all wheel straps and frame clamps are tightened securely. The straps should be taut, holding the bike firmly in place.
- **Wheel Cradles:** Verify that the bike wheels are properly seated within the wheel cradles.
- **Hitch Connection:** Confirm the hitch pin is fully inserted and secured, and the anti-wobble mechanism is engaged to eliminate play between the rack and the hitch receiver.
- **Bike Placement:** Ensure bikes are loaded evenly and that their weight distribution is balanced on the rack.

5.2 Difficulty Folding or Tilting

- **Obstructions:** Check for any debris or objects obstructing the folding or tilting mechanisms.
- **Lubrication:** Apply lubricant to the hinge points and quick-release mechanisms if they feel stiff.
- **Release Mechanism:** Ensure the quick-release handle is fully disengaged before attempting to fold or tilt the rack.

6. SPECIFICATIONS

Feature	Specification
Brand	Young Electric
Model Number	100104118160
Load Capacity	200 Pounds (100 lbs per bike)
Hitch Receiver Size	2-inch
Tire Compatibility	Up to 5-inch fat tires
Material	Alloy Steel, Aluminum
Item Dimensions (L x W x H)	55.11 x 18.89 x 9.05 inches
Item Weight	33.7 Kilograms
Foldable	Yes
Vehicle Service Type	Car, RV, SUV, Trailer, Truck, Van

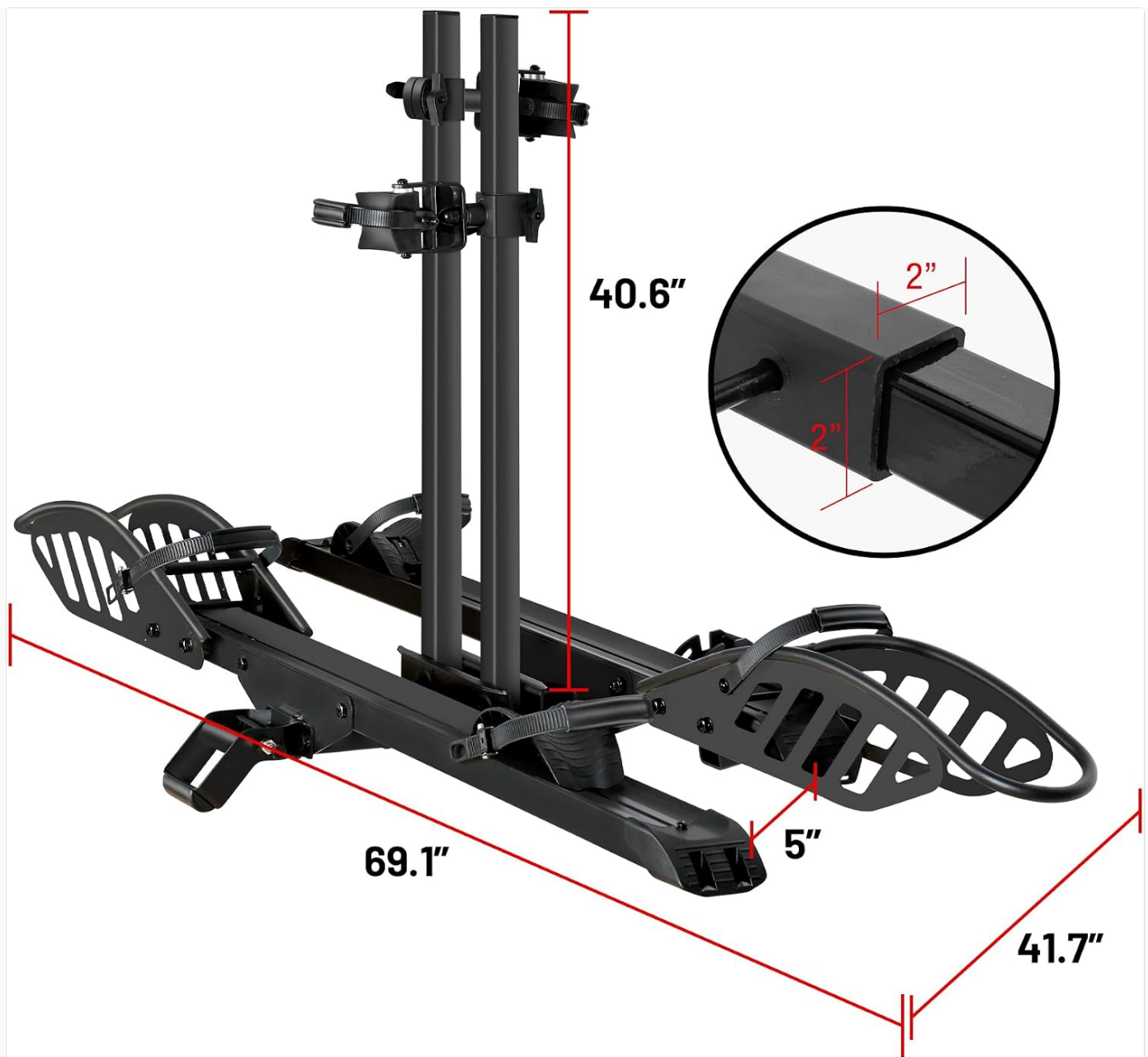


Figure 6.1.1: Key dimensions of the bike rack.



Figure 6.1.2: The bike rack is compatible with various vehicle types including SUVs, RVs, Sedans, and Pick-up Trucks.

7. WARRANTY AND SUPPORT

This product is eligible for 30-day easy returns. For any product-related inquiries, technical assistance, or warranty claims, please contact the seller, FTL OFFICIAL, directly through your purchase platform.

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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.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question