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> Jasion YC1 ST Electric Bike User Manual

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Model: YC1 ST

INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, maintenance, and troubleshooting of your Jasion YC1 ST 26-inch electric bike. Please read this manual thoroughly before your first ride and keep it for future reference.

SAFETY INFORMATION

Always wear a helmet when riding. Ensure all components are correctly assembled and tightened before each use. Regularly check brakes, tires, and battery connections. Do not ride under the influence of alcohol or drugs. Obey all local traffic laws and regulations.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The package should include:

- Jasion YC1 ST Electric Bike Frame with rear wheel and motor pre-assembled
- Front Wheel
- Handlebar Assembly
- Seat Post with Saddle
- Pedals (Left and Right)
- Front Fender
- Front Headlight
- Kickstand
- Battery Charger
- Tool Kit
- User Manual (this document)

Internal Removable Battery



IPX4 Waterproof Rating



Theft Proof



Dustproof and Rustproof



Impact Resistant



Image: All components of the Jasion YC1 ST electric bike laid out for assembly, including the frame, wheels, seat, pedals, and accessories.

ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your Jasion YC1 ST electric bike. Refer to the assembly video for visual guidance.

1. Unboxing and Initial Inspection

1. Carefully open the packaging and remove all components.
2. Remove all protective wrapping and ties.
3. Verify that all parts listed in the "Package Contents" section are present.

2. Handlebar Installation

1. Remove the protective cap from the fork stem.
2. Insert the handlebar stem into the fork tube.
3. Align the handlebar with the front wheel and tighten the stem bolts securely using the provided tools.

3. Kickstand Attachment

1. Locate the mounting plate on the bike frame near the rear wheel.
2. Attach the kickstand using the provided bolts and tighten them firmly.

4. Front Wheel Installation

1. Remove the protective covers from the front fork dropouts.
2. Carefully align the front wheel into the fork dropouts, ensuring the brake rotor slides correctly into the caliper.
3. Secure the front wheel using the quick-release skewer or axle nuts, ensuring it is centered and tight.

5. Front Fender and Headlight Installation

1. Attach the front fender to the fork using the provided bolts.
2. Mount the front headlight to the designated bracket on the fork or handlebar, ensuring it is securely fastened and pointed correctly.

6. Pedal Attachment

1. Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise.
2. Thread each pedal into its corresponding crank arm and tighten firmly with a wrench.

7. Seat Post and Saddle Adjustment

1. Insert the seat post with the saddle into the seat tube of the frame.
2. Adjust the seat height to a comfortable riding position, ensuring your feet can touch the ground when stopped.
3. Secure the seat post with the quick-release lever or bolt.

8. Battery Installation and Check

1. Unlock the battery compartment using the provided key.
2. Slide the battery into the frame until it clicks into place.
3. Turn the key to the locked position to secure the battery.
4. Press the power button on the battery or display to ensure it powers on.

Your browser does not support the video tag.

Video: Official Jasion YC1 ST Electric Bike Unboxing and Assembly Guide. This video demonstrates the step-by-step process of unpacking and assembling your new electric bike, including handlebar, kickstand, front wheel, fender, headlight, pedals, seat, and battery installation.

OPERATING INSTRUCTIONS

1. Powering On/Off

- To power on the bike, ensure the battery is installed and locked. Press and hold the power button on the LCD display until it illuminates.
- To power off, press and hold the power button on the LCD display again until it turns off.

2. Riding Modes

The Jasion YC1 ST offers four riding modes:

- **Throttle Mode:** Provides electric power without pedaling. Up to 25 miles range.
- **Pedal Assist Mode (PAS):** Boosts your pedaling effort with electric motor assistance. Up to 50 miles range.

- **Pedal-Only Mode:** Functions as a traditional bicycle with no electric assistance.
- **Walk Assist Mode:** Provides light motor push to help you walk the bike uphill or in tight spaces.

4 Riding Modes with Brushless Motor



Throttle Mode

Up to 25 Miles



Pedal Assist Mode

Up to 50 Miles



Pedal-Only Mode



Walk Assist Mode



7-Speed



1200W Peak



Uphill 30°



Max 28mph

Image: Graphic illustrating the four riding modes of the Jasion YC1 ST electric bike: Throttle, Pedal Assist, Pedal-Only, and Walk Assist, with estimated ranges for electric modes.

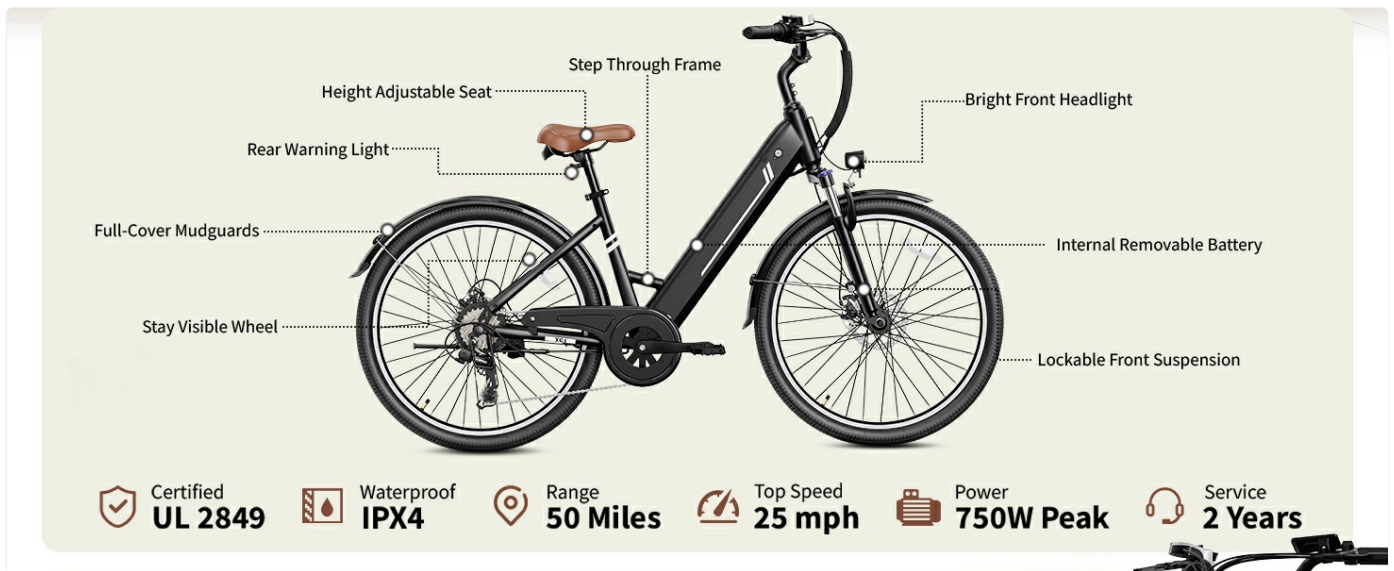


Image: Diagram explaining the four riding modes: Throttle, Pedal Assist, Pedal-Only, and Walk Assist, highlighting their functions and range.

3. LCD Screen Display

The integrated LCD display provides real-time information about your ride:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **Riding Mode:** Shows the active pedal assist level or throttle mode.
- **Trip Distance:** Distance covered during the current ride.
- **Odometer:** Total distance covered by the bike.



Image: Close-up of the Jasion YC1 ST LCD screen display, showing speed, battery level, riding mode, and trip information.

4. Gear Shifting

The bike is equipped with a 7-speed transmission. Use the twist grip shifter on the handlebar to change gears according to terrain and desired effort. Shift smoothly to avoid strain on the drivetrain.

- ✓ **Absorbs road shock** to reduce vibration.
- ✓ **Improves control** on uneven surfaces.
- ✓ **Reduces strain** on hands, wrists, and shoulders.
- ✓ **More comfort** on longer rides.
- ✓ **Better traction** when riding off pavement.



Image: Close-up of the 7-speed drivetrain on the Jasion YC1 ST electric bike, illustrating the gear system.

MAINTENANCE

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

1. Battery Care

- Charge the 360Wh removable lithium-ion battery fully before first use.
- Charge the battery regularly, even if not using the bike, to maintain its health.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- The removable design allows convenient charging at home or office.

Sized for Comfort. Built for Strength.

Take It With You
58lb Lightweight - easy to carry upstairs, load into your car, or bring on public transit.



A. Seat tube	16.3in
B. Chainstay	16.8in
C. Effective top tube	24in
D. Head tube	6.7in
E. Handlebar Height	40.6in
F. Minimum seat height	29.5in
G. Maximum seat height	35.4in
H. Wheelbase	41.5in
I. Total length	68in



For Riders
5'1"-6'6"



Load Capacity
330lbs

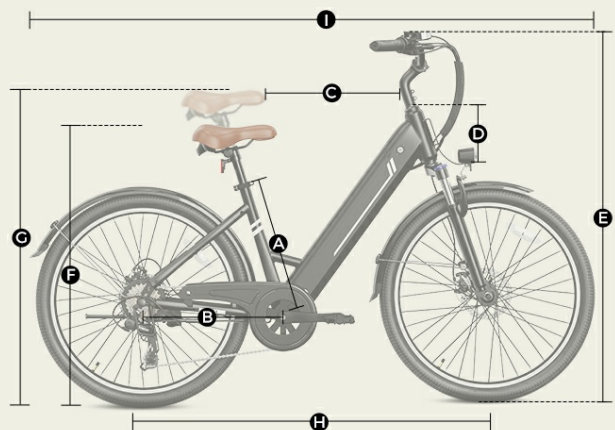


Image: Illustration of the Jasion YC1 ST's internal removable battery, highlighting its waterproof, theft-proof, dustproof, rustproof, and impact-resistant features.

2. Brake System

- The bike features dual disc brakes for reliable stopping power.
- Regularly inspect brake pads for wear and replace them when necessary.
- Ensure brake levers are firm and responsive. Adjust cable tension if needed.

- Keep brake rotors clean and free from oil or grease.

360° All-Round Safety

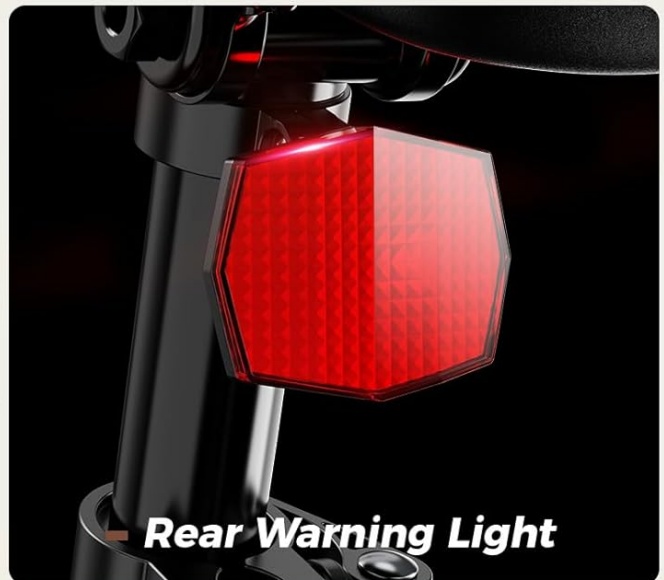


Image: Composite image showing the Jasion YC1 ST's safety features: dual disc brakes, visible wheel reflectors, bright front headlight, and rear warning light.



Image: Close-up of the dual disc brakes on the Jason YC1 ST electric bike, emphasizing their fast and reliable stopping performance.

3. Tires and Wheels

- Maintain proper tire pressure as indicated on the tire sidewall.
- Inspect tires for cuts, punctures, or excessive wear before each ride.
- Ensure wheel spokes are tight and wheels run true.

4. Suspension

- The bike features a lockable front suspension fork.
- Regularly clean the stanchions of the fork to prevent dirt buildup.
- Ensure the lockout mechanism functions correctly.

Lockable Front Fork Suspension

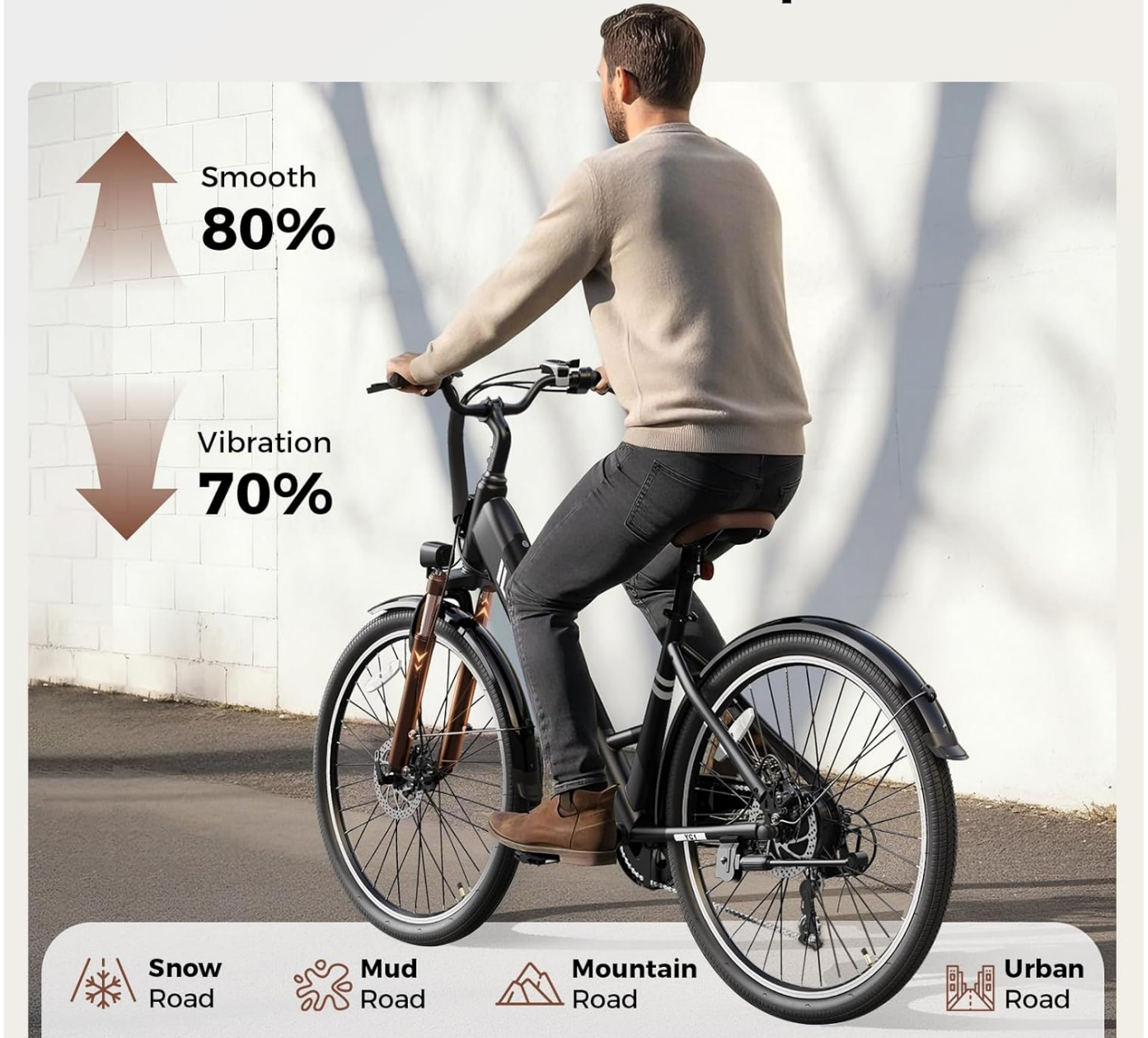


Image: A rider on the Jason YC1 ST electric bike, highlighting the lockable front fork suspension and its benefits for smooth riding on various terrains.

4 Riding Modes

Throttle Mode

No pedaling needed, enjoy effortless rides with full electric power.

Pedal Assist Mode

Boost your ride, get motor assistance while pedaling to go farther with less effort.

Pedal-Only Mode

Traditional cycling, a great option for exercise or casual cruising.

Walk Assist Mode

Easy walking support, Light motor push helps you walk the bike uphill or in tight spaces.

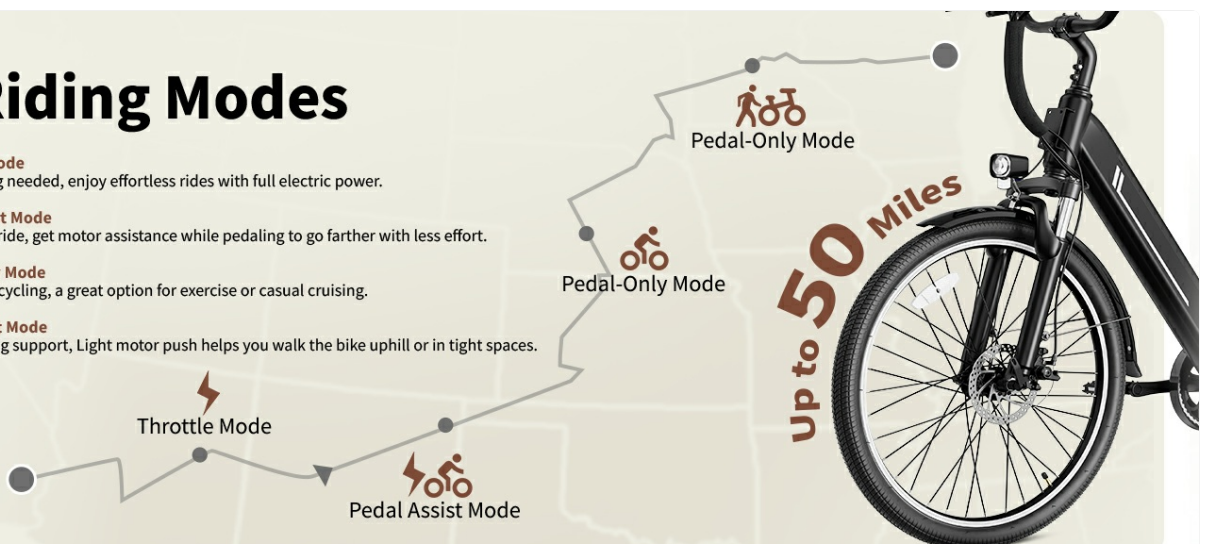


Image: Graphic detailing the benefits of the Jasion YC1 ST's suspension, including reduced vibration, improved control, reduced strain, and increased comfort.

5. General Cleaning

- Clean the bike regularly with a damp cloth and mild soap. Avoid high-pressure washing directly on electrical components.
- Lubricate the chain periodically to ensure smooth operation and prevent rust.

TROUBLESHOOTING

If you encounter issues with your Jasion YC1 ST electric bike, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bike does not power on	Battery not installed correctly or not charged; loose electrical connection.	Ensure battery is fully charged and securely locked in place. Check all visible electrical connections.
Motor not assisting	Low battery; incorrect pedal assist level; sensor issue.	Charge battery. Increase pedal assist level on the display. Check for any error codes on the LCD.
Brakes feel weak or noisy	Worn brake pads; loose brake cable; contaminated rotors.	Inspect and replace brake pads if worn. Adjust brake cable tension. Clean rotors with disc brake cleaner.
Tires losing air quickly	Puncture; valve stem issue; improper seating.	Inspect tires for punctures and repair/replace tube. Ensure valve stem is tight. Re-seat tire bead if necessary.

If you cannot resolve an issue using these steps, please contact Jasion customer support.

SPECIFICATIONS

Feature	Detail
Model Name	YC1 ST
Bike Type	Electric City Bike, Step-Through
Motor	750W Peak Brushless Motor
Max Speed	Up to 23 MPH
Battery	360 Wh Removable Lithium-ion (BMS system)
Charging Time	5-6 hours
Range (PAS Mode)	Up to 40 miles
Wheel Size	26 Inches (26"x2.0" tires)
Frame Material	High Carbon Steel
Suspension Type	Front (Lockable)
Number of Speeds	7-Speed Transmission

Feature	Detail
Brake Style	Dual Disc Brakes
Weight	58 lbs
Load Capacity	330 lbs
Recommended Height	5'1" - 6'6"
Included Components	Charger, Headlight, Seat, Tool Kit



Image: Detailed diagram showing the dimensions, weight, load capacity, and recommended rider height for the Jasion YC1 ST electric bike.



Dual Disc Brakes

The front and rear disc brakes deliver fast and reliable stopping performance — even on downhill roads or in wet conditions. Ride with confidence and stay in control at all speeds.

Image: Comprehensive sizing chart for the Jasion YC1 ST electric bike, indicating various measurements for optimal fit.

WARRANTY AND SUPPORT

The Jasion YC1 ST electric bike comes with a **1-Year Limited Warranty**. For warranty claims, technical support, or any questions regarding your product, please contact Jasion customer service.

You can find contact information and further support resources on the official Jasion website or through your purchase platform.

