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> Jasion YC1 Electric Bike User Manual

Jasion YC1

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Model: YC1

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your Jasion YC1 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. Understanding your e-bike's features and proper handling will ensure a safe and enjoyable experience.



Image 1.1: The Jasion YC1 Electric Bike, showcasing its sleek design and integrated battery frame.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Familiarize yourself with local traffic laws and regulations for electric bikes. Perform a pre-ride inspection before each use, checking brakes, tires, battery, and all fasteners.

- **Helmet Use:** Always wear a certified helmet.
- **Pre-Ride Check:** Inspect brakes, tires, battery, and all connections before each ride.
- **Traffic Laws:** Adhere to all local traffic laws and regulations.
- **Weather Conditions:** Exercise caution when riding in wet or adverse weather conditions.

3. SETUP AND ASSEMBLY

Your Jasion YC1 Electric Bike comes partially assembled. Follow these steps carefully to complete the assembly process. A detailed video guide is also available for visual assistance.

3.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present and undamaged. Keep the packaging for at least 30 days in case of returns or warranty claims.

Your browser does not support the video tag.

Video 3.1: Official Jasion YC1 ST Unboxing and Assembly Guide. This video demonstrates the step-by-step process of unboxing and assembling your electric bike, including handlebar, kickstand, wheels, fenders, pedals, and seat installation.

3.2 Handlebar Installation

Attach the handlebar to the stem, ensuring it is centered and aligned correctly. Tighten the bolts securely using the provided tools.

3.3 Kickstand Installation

Mount the kickstand to the designated area on the bike frame. Ensure it is firmly attached and can support the bike's weight.

3.4 Front Wheel Installation

Carefully install the front wheel, aligning the disc brake rotor with the caliper. Secure the quick-release skewer or axle nuts.

3.5 Front Fender and Light Installation

Attach the front fender and headlight to the front fork. Connect the headlight cable if it is not pre-connected.

3.6 Pedal Installation

Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms by hand, then tighten them securely with a wrench. Note that the left pedal threads counter-clockwise.

3.7 Seat Installation

Insert the seat post into the frame's seat tube. Adjust the seat height to your preference and secure it with the quick-release lever.

3.8 Battery Insertion and Initial Check

Insert the removable battery into the frame and lock it with the provided key. Ensure the battery is fully charged before your first ride.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your Jasion YC1 Electric Bike before riding.

4.1 Powering On/Off

To power on the bike, press and hold the power button on the handlebar display. To power off, press and hold the same button until the display turns off.

4.2 Display Functions

The intuitive display screen provides real-time information:

- **Battery Indicator:** Shows current battery level.
- **Current Speed:** Displays your riding speed.
- **PAS Level:** Indicates the current pedal assist level (0-3).
- **Mileage:** Shows trip distance (TRIP) and total odometer (ODO).

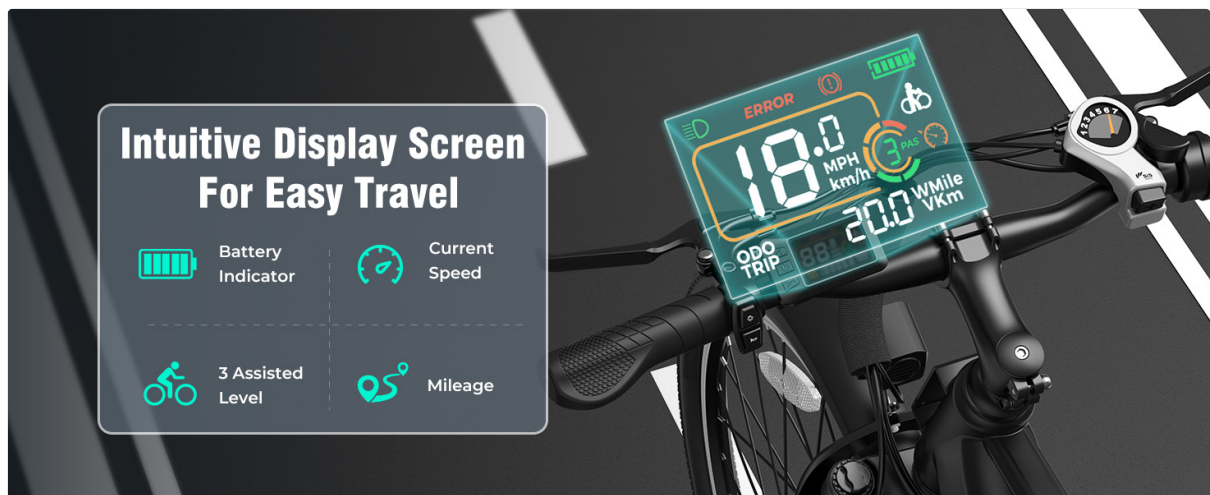


Image 4.1: The intuitive display screen provides essential riding data at a glance.

4.3 Pedal Assist System (PAS)

The Jasion YC1 features 3 levels of pedal assist. Use the '+' and '-' buttons on the display to cycle through the assist levels. Level 0 provides no assistance, while Level 3 offers maximum motor support.

4.4 Throttle Operation

For immediate power without pedaling, use the thumb throttle located on the handlebar. The throttle provides power up to the maximum speed of 25 MPH, depending on the selected PAS level.

4.5 Gear Shifting

Your e-bike is equipped with a 7-speed Shimano gear system. Use the shifter on the right handlebar to change gears, allowing you to adapt to various terrains and riding conditions.



Image 4.2: The 7-speed transmission system ensures smooth and efficient gear changes.

4.6 Braking System

The Jasion YC1 features dual disc brakes for reliable stopping power. Apply both brake levers simultaneously for optimal braking performance. The brake levers also cut off motor power when engaged.



Image 4.3: Dual disc brakes provide efficient and precise stopping power.

4.7 Headlight Operation

The integrated LED headlight can be turned on/off via a button on the handlebar control panel. Adjust the beam angle as needed for optimal visibility.

Illuminate Your Ride

LED lights and 3 reflectors ensure that the road ahead is clearly illuminated no matter day or night, making sure you are very safe when riding at night.



Image 4.4: LED lights and reflectors enhance visibility during day and night rides.

4.8 Front Suspension Lockout

The front suspension fork features a lockout mechanism. Turn the blue knob on the top of the fork to lock or unlock the suspension. Locking the suspension provides a more rigid ride, suitable for smooth surfaces, while unlocking it absorbs shocks on uneven terrain.



Image 4.5: Lockable front fork suspension provides a smoother riding experience on varied surfaces.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Jasion YC1 Electric Bike.

- **Battery Care:** Charge the 360WH removable battery fully after each ride. Avoid completely draining the battery. Store the battery in a cool, dry place.
- **Tire Pressure:** Check tire pressure (26" x 2.0" tires) before each ride. Maintain recommended pressure for optimal performance and safety.
- **Brake Inspection:** Regularly inspect brake pads and rotors for wear. Adjust brake cables as needed to ensure responsive braking.
- **Chain Lubrication:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets

directly on electrical components.

- **Fastener Check:** Periodically check all bolts and fasteners for tightness.



Image 5.1: The 360WH removable battery offers convenient charging options.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Jasion YC1 Electric Bike.

- **Bike Not Powering On:** Ensure the battery is fully charged and properly inserted. Check that the key is in the 'on' position and the display cable is securely connected.
- **Motor Not Assisting:** Verify that the PAS level is set above 0. Check brake levers to ensure they are not partially engaged, as this cuts motor power.
- **Brakes Not Effective:** Inspect brake pads for wear and replace if necessary. Adjust brake cable tension. If issues persist, consult a professional bike mechanic.
- **Unusual Noises:** Check for loose components, rubbing fenders, or chain issues. Lubricate the chain if dry.

7. SPECIFICATIONS

Feature	Specification
Model Name	YC1
Motor	750W Peak Brushless Motor
Top Speed	Up to 25 MPH (23 MPH as per some specs)
Battery	360WH Removable Battery (36V 10Ah)
Range	Up to 50 Miles (PAS mode)
Wheel Size	26 Inches (26" x 2.0" tires)
Number of Speeds	7-Speed (Shimano)
Brake Style	Dual Disc Brakes
Suspension Type	Front (Lockable)
Frame Material	High Carbon Steel
Maximum Weight Recommendation	330 Pounds
Included Components	750W peak motor, Dual Disc Brakes, Front+Rear Fenders, Reflectors, Tool Kit



Image 7.1: Overview of Jasion YC1 key features and specifications.

8. WARRANTY AND SUPPORT

The Jasion YC1 Electric Bike comes with a **1-Year Limited Warranty**. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or replacement parts, please contact Jasion customer service through the official Jasion website or your retailer. Provide your model number (YC1) and purchase date for faster service.

For additional resources and FAQs, visit the [Jasion Store on Amazon](#).