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› SAMEBIKE L026 Mountain Electric Bicycle User Manual

## SAMEBIKE L026

# SAMEBIKE L026 Mountain Electric Bicycle User Manual

Model: L026

## 1. INTRODUCTION

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Welcome to the SAMEBIKE L026 Mountain Electric Bicycle user manual. This guide provides essential information for the safe operation, maintenance, and troubleshooting of your new electric bike. The SAMEBIKE L026 is a versatile 500W foldable electric mountain bike designed for adults, offering both electric assistance and traditional pedaling. Its foldable design ensures convenient storage and transport.



Figure 1.1: The SAMEBIKE L026 Mountain Electric Bicycle in both unfolded and folded configurations, highlighting its compact design for storage and transport.

## 2. SETUP AND ASSEMBLY

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Your SAMEBIKE L026 comes partially assembled. Follow these steps for initial setup and to prepare your bike for its first ride.

1. **Unfolding the Frame:** Locate the main folding hinge on the bike frame. Release the safety latch and carefully unfold the frame until it locks securely into place. Ensure the locking mechanism is fully engaged before riding.

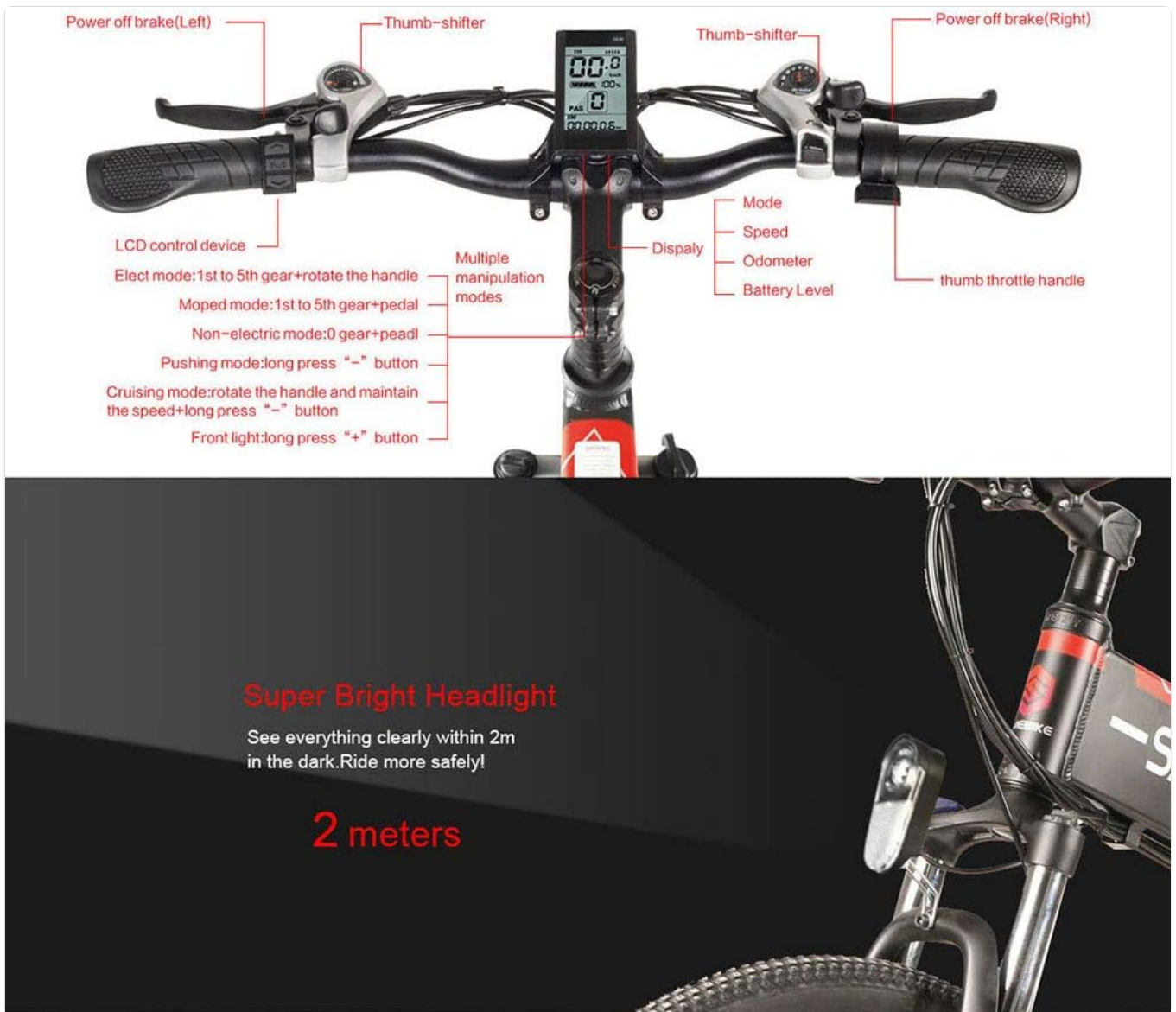


Figure 2.1: Detailed view of the bike's folding hinge and locking mechanism. Ensure it is securely fastened before use.

2. **Handlebar and Seatpost Adjustment:** Adjust the handlebar height and angle for comfortable riding. Similarly, adjust the seatpost height to ensure proper leg extension while pedaling. Secure all quick-release levers firmly.
3. **Pedal Installation:** If not already installed, attach the pedals to the crank arms. Note that pedals are typically marked 'L' for left and 'R' for right. The left pedal often has a reverse thread.
4. **Tire Inflation:** Inflate both tires to the recommended pressure indicated on the tire sidewall.
5. **Battery Installation and Charging:** Ensure the battery is securely inserted into its compartment. Fully charge the battery before your first ride. Refer to the charging instructions in the Operating section.
6. **Brake Check:** Test both front and rear brakes to ensure they engage properly and bring the bike to a safe stop. Adjust if necessary.
7. **Pre-Ride Inspection:** Before each ride, perform a quick check of all bolts, quick releases, and components to ensure they are tight and secure.

## 3-step Quick-folding, Portable Storage

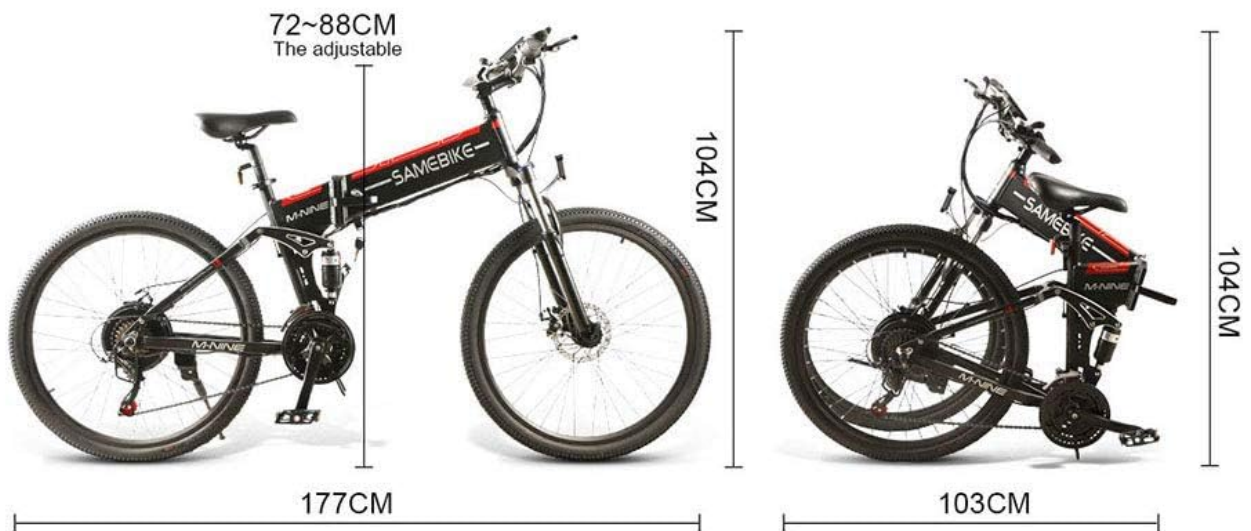


Figure 2.2: The dimensions of the SAMEBIKE L026, illustrating its size when unfolded for riding and when folded for compact storage.

### 3. OPERATING YOUR ELECTRIC BICYCLE

Understanding the controls and modes of your SAMEBIKE L026 is crucial for an optimal riding experience.

#### 3.1 Controls and Display

The handlebar features an LCD control device that provides vital information and allows you to manage the bike's electric functions.

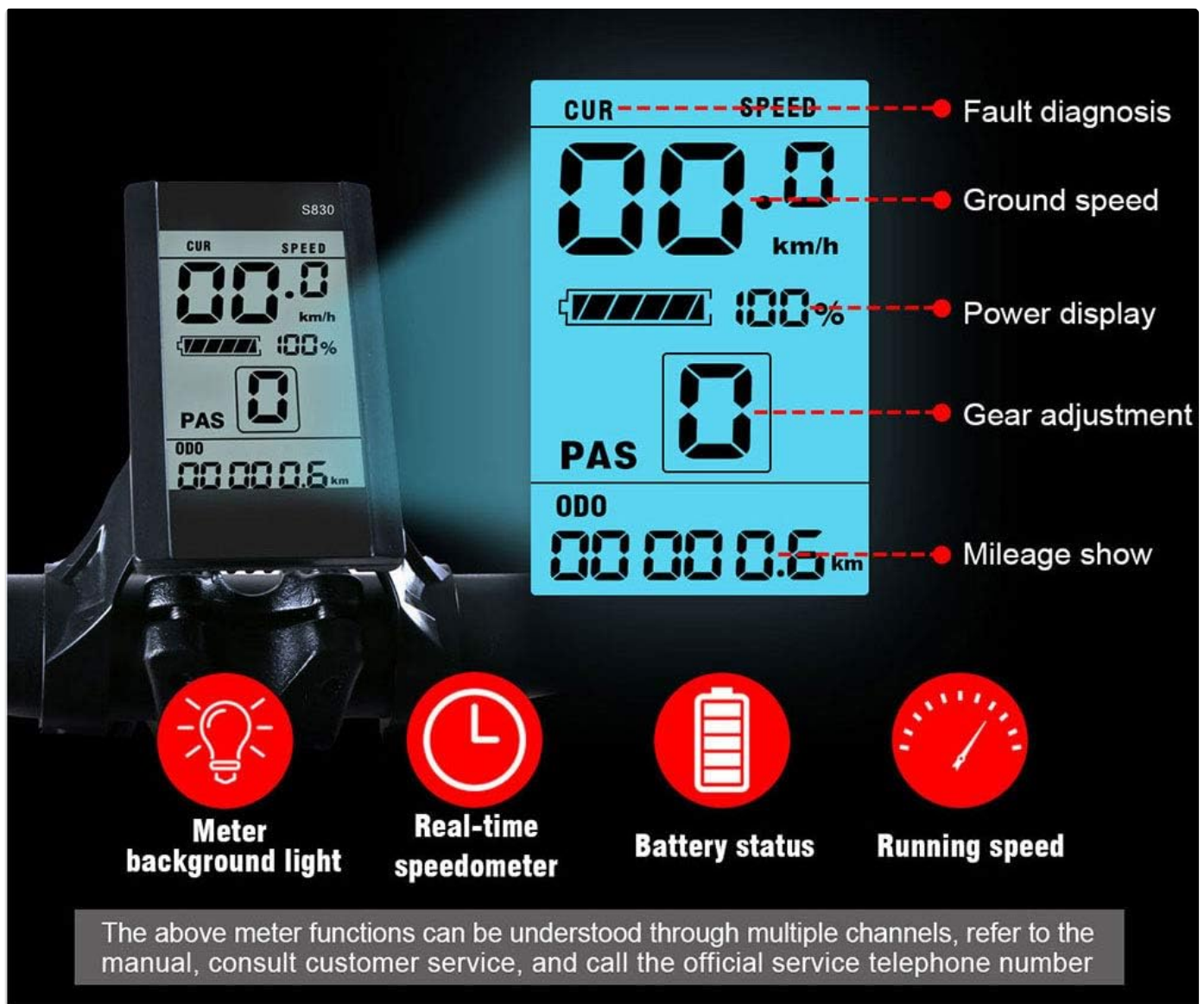


Figure 3.1: Overview of the LCD display and various handlebar controls, including brake levers, thumb shifters, and the headlight switch.

- **LCD Display:** Shows current speed, battery level, gear adjustment (PAS level), and total mileage (ODO). It also indicates fault diagnosis if an issue occurs.
- **Thumb Shifters:** Used to change mechanical gears (7 speeds).
- **Brake Levers:** Engage the disc brakes. The left lever controls the front brake, and the right lever controls the rear brake.
- **Headlight:** Press and hold the '+' button on the control panel to turn the headlight on/off.

### 3.2 Riding Modes

The SAMEBIKE L026 offers multiple riding modes to suit your preference and terrain:

- **Electric Mode (1st to 5th gear):** Rotate the throttle handle for pure electric propulsion.
- **Moped Mode (1st to 5th gear + pedal):** Provides electric assistance while you pedal, making rides easier, especially uphill.
- **Non-Electric Mode (0 gear + pedal):** Ride the bike like a traditional bicycle without any electric assistance.
- **Pushing Mode:** Long press the '-' button to activate. This mode provides low-speed assistance for walking the bike.
- **Cruising Mode:** Rotate the throttle and maintain the speed, then long press the '-' button to engage cruise control.

### 3.3 Battery Charging

To charge the battery, connect the charger to the bike's charging port and then to a power outlet. The indicator light on the charger will show the charging status. Ensure the battery is fully charged before long rides.

### 3.4 Riding Tips

- Always wear a helmet and appropriate safety gear.
- Familiarize yourself with local e-bike regulations.
- Start in a low assistance level (PAS 1) and gradually increase as you get comfortable.
- Be aware of your surroundings and ride defensively.

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Video 3.1: An official demonstration of the SAMEBIKE L026 electric bicycle in various riding scenarios, showcasing its features and performance.

## 4. MAINTENANCE

Regular maintenance is essential to ensure the longevity and safe operation of your SAMEBIKE L026.

- **Tires:** Regularly check tire pressure and inspect for wear or damage. Replace tires and inner tubes as needed.
- **Brakes:** Inspect brake pads for wear and replace them when necessary. Ensure brake levers are responsive and provide adequate stopping power. Adjust brake cables if there is too much slack.
- **Chain and Drivetrain:** Keep the chain clean and lubricated. Periodically check the gears and derailleur for smooth shifting.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. If storing for extended periods, charge it to about 50-70% every few months.
- **Frame and Components:** Clean the bike regularly with a damp cloth. Inspect the frame, handlebars, seatpost, and other components for any signs of damage or loose connections.
- **Suspension:** Check the front fork suspension for proper function. The locking function on the front fork can be adjusted for different terrains.

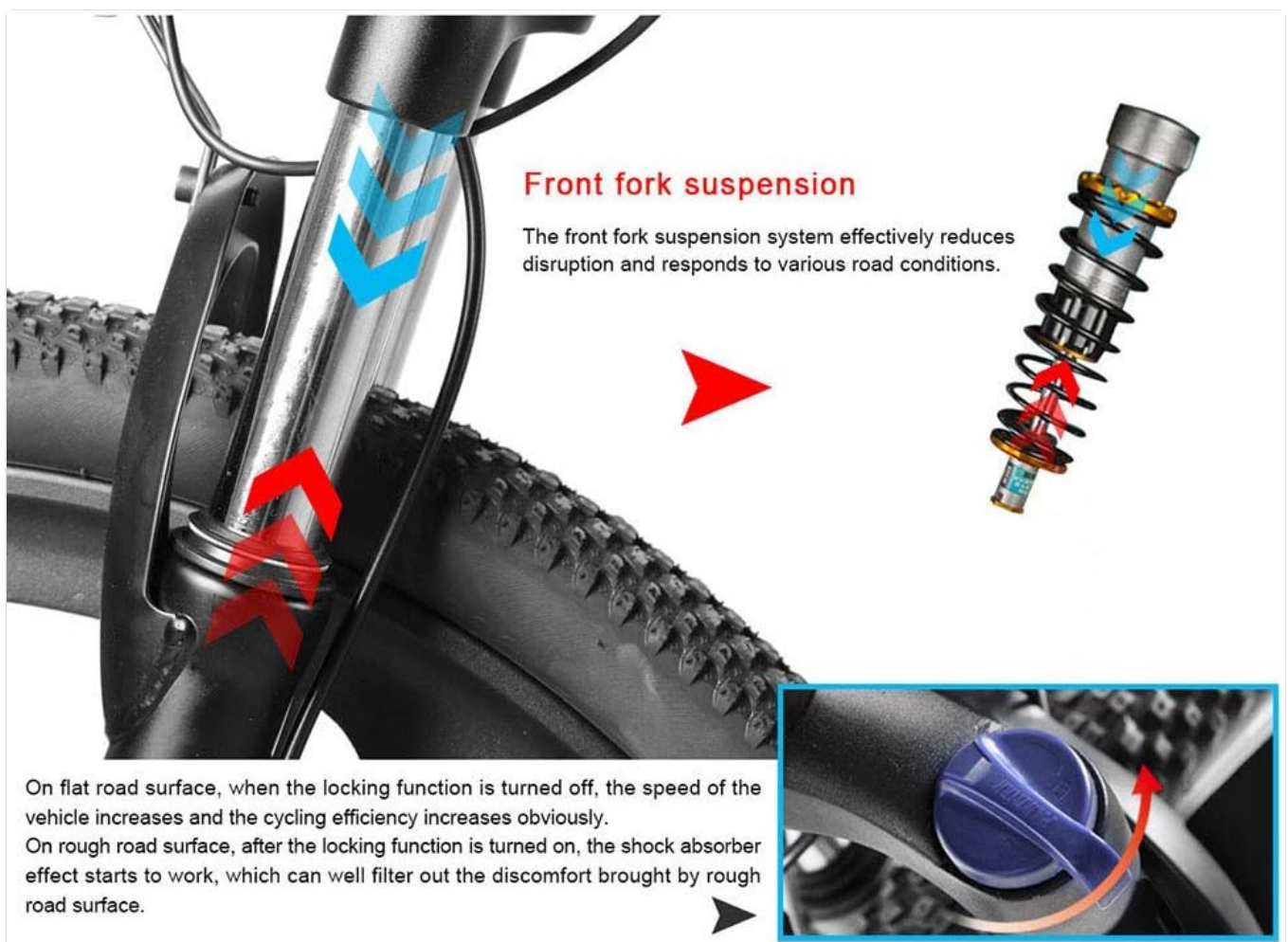


Figure 4.1: The front fork suspension system, designed to absorb shocks and improve ride comfort. It features an adjustable locking mechanism.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your SAMEBIKE L026.

Problem	Possible Cause	Solution
Motor not engaging or cutting out intermittently.	Loose battery connection, low battery charge, faulty motor sensor, or controller issue.	Ensure battery is fully charged and securely seated. Check all electrical connections. If problem persists, contact customer support.
Brakes feel weak or make noise.	Worn brake pads, misaligned calipers, or contaminated rotors.	Inspect and replace worn brake pads. Clean rotors with disc brake cleaner. Adjust caliper alignment. Seek professional help if unsure.
Difficulty shifting gears.	Misaligned derailleur, stretched cable, or dirty chain.	Clean and lubricate the chain. Adjust derailleur limits and cable tension.
Bike does not fold properly.	Obstruction in the folding mechanism or misaligned components.	Check for any debris or objects obstructing the hinge. Ensure components are aligned correctly before attempting to fold. Do not force the mechanism.

For issues not listed here or if solutions do not resolve the problem, please contact SAMEBIKE customer support.

## 6. SPECIFICATIONS

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Key technical specifications for the SAMEBIKE L026 Mountain Electric Bicycle:

- **Model:** L026
- **Product Dimensions:** 147 x 24 x 73 cm
- **Item Weight:** 28 kg
- **Bike Type:** Electric Bike, Mountain Bike
- **Age Range:** Adult
- **Brake Type:** Disc
- **Wheel Size:** 26 Inches
- **Frame Material:** Aluminum
- **Number of Speeds:** 7
- **Suspension:** Dual
- **Special Features:** Foldable

## 7. WARRANTY AND SUPPORT

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SAMEBIKE offers customer support and warranty services for its products. For warranty claims, technical assistance, or any inquiries regarding your L026 electric bicycle, please refer to the official SAMEBIKE website or contact their customer service directly. In Canada, SAMEBIKE maintains a warehouse and provides support for warranty claims.

For the most up-to-date contact information and warranty policy details, please visit the official SAMEBIKE website or consult your purchase documentation.