Misodo F26

Misodo F26 Electric Bike for Adults Instruction Manual

Model: F26

Brand: Misodo

Introduction

This manual provides detailed instructions for the assembly, operation, maintenance, and troubleshooting of your Misodo F26 Electric Bike. Please read this manual thoroughly before your first ride to ensure safe and optimal performance. Keep this manual for future reference.



Image: The Misodo F26 Electric Bike, showcasing its design and features.

Setup and Assembly

Your Misodo F26 Electric Bike arrives 95% pre-assembled. The following steps detail the final assembly process. Refer to the video for visual guidance.

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Video: A comprehensive assembly guide for the Misodo F26 Electric Bike, demonstrating each step from unboxing to final setup.

1. **Unboxing and Unpacking:** Carefully open the shipping box. Remove all packaging materials, including foam and zip ties, that secure the bike components. Ensure all parts are accounted for.
2. **Handlebar Installation:** Remove the preservative screen from the handlebar stem. Loosen the screws on the stem, position the handlebar, and then tighten the screws securely. Ensure the handlebars are straight and aligned with the front wheel.

3. **Display Installation:** Attach the LCD display to the handlebar. Secure it by tightening the screws on the display mount.
4. **Front Wheel Installation:** Remove the protective cover from the front wheel axle. Carefully align the front wheel with the fork and the brake caliper. Insert the axle and tighten the screws with the provided tool. Ensure the wheel spins freely and the brake disc is centered.
5. **Headlight Installation:** Mount the headlight onto the designated bracket on the front fork. Secure it with the screws and ensure it is firmly attached.
6. **Seat Post and Saddle Installation:** Insert the seat post into the frame's seat tube. Adjust the height to a comfortable riding position and secure it using the quick-release lever or tightening bolt. Optionally, install the provided seat cover for added comfort.
7. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal screws counter-clockwise, and the right pedal screws clockwise. Thread each pedal into its respective crank arm and tighten securely with a wrench.
8. **Battery Installation:** Insert the removable battery into its housing on the bike frame. Ensure it clicks into place and is securely locked with the key.

Operating Instructions

Familiarize yourself with the controls and functions of your Misodo F26 Electric Bike before riding.

1. Power On/Off

To power on the bike, press and hold the power button on the control panel. To power off, press and hold the power button again.

2. Riding Modes

The Misodo F26 offers multiple riding modes to suit your preference:

- **Throttle Mode:** Engage the throttle for electric power without pedaling.
- **Pedal Assist Mode (PAS):** The motor provides assistance as you pedal. Adjust the PAS level (typically 1-5) using the control panel to vary the amount of assistance.
- **Pedal Only:** Ride the bike like a traditional bicycle without any motor assistance.
- **Walk Assist Mode:** Provides low-speed motor assistance to help you push the bike while walking.



Image: Illustration of the various riding modes available on the Misodo F26 Electric Bike.

3. Gear Shifting

The bike is equipped with a 7-speed gear system. Use the shifter on the handlebar to change gears, allowing you to adapt to different terrains and riding conditions. Shift smoothly to avoid strain on the drivetrain.



Image: Detailed view of the 7-speed gear system, highlighting the shifter and derailleur for smooth transitions.

4. LCD Display

The smart LCD display provides essential riding information at a glance:

- **Battery Level:** Indicates the remaining battery charge.
- **Display Speed:** Shows your current speed.

- **PAS Level:** Displays the current pedal assist level.
- **Cycling Distance:** Tracks your trip mileage.

The backlit display ensures clear visibility in various lighting conditions.



Image: The intuitive LCD display showing battery level, speed, PAS level, and cycling distance.

5. Braking System

The Misodo F26 is equipped with dual disc brakes (front and rear) for reliable stopping power. Always apply both brakes simultaneously for effective and safe deceleration. Regularly check brake pads and cables for wear and proper function.



Image: Visual representation of the efficient dual disc brakes providing strong stopping power.

6. Lighting

The integrated LED headlight provides illumination for riding in low-light conditions. Ensure the headlight is clean and functional before night rides. The bike is designed for use in various weather conditions, including rain and snow, with its IPX7 waterproof rating.

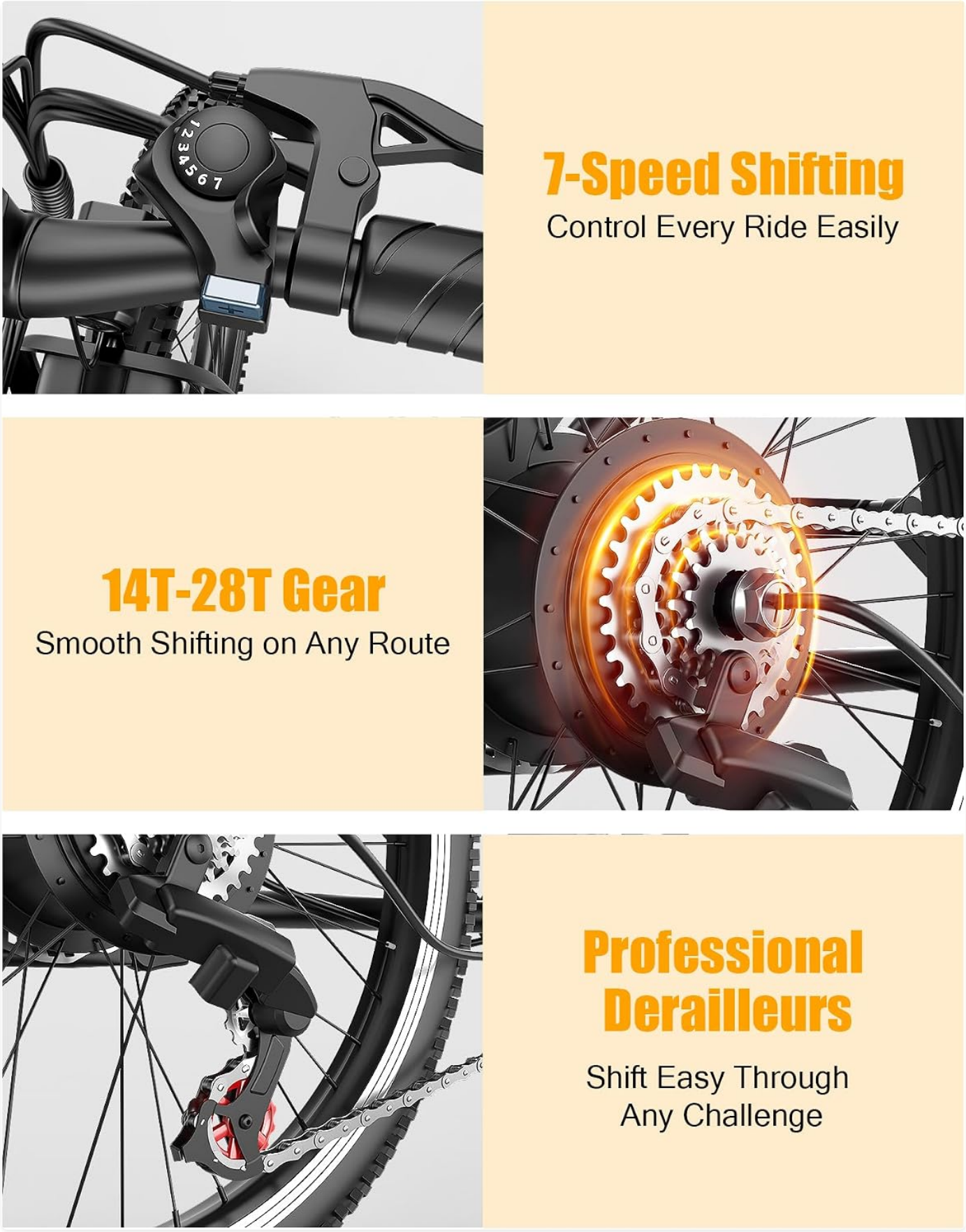


Image: The Misodo F26 Electric Bike with its 400-lumen headlight active, ensuring visibility in wet conditions.

Maintenance

Regular maintenance is crucial for the longevity and safe operation of your electric bike.

1. Battery Care

- **Charging:** Charge the 48V 10Ah battery for 4-5 hours using the provided charger. Do not overcharge.
- **Activation:** New batteries may exhibit a 'false charge' phenomenon. To activate for optimal performance, fully charge the battery, then ride until depleted. Repeat this 3-5 times.
- **Storage:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 1-2 months.



Image: The 48V 10Ah removable internal battery, highlighting its easy access for charging.

2. Tire Pressure

Maintain recommended tire pressure for optimal performance, safety, and range. Check tire pressure before each ride.

3. Brake System Check

Regularly inspect brake levers, cables, and pads for wear. Ensure brakes engage smoothly and effectively. Adjust as needed or consult a professional.

4. Chain Lubrication

Keep the chain clean and lubricated to ensure smooth gear changes and prevent premature wear.

5. General Cleaning

Clean your e-bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

Troubleshooting

This section addresses common issues you might encounter with your Misodo F26 Electric Bike.

1. Reduced Battery Range

If you experience a shorter range than expected (up to 65 miles under optimal conditions), consider the following factors:

- **Rider Weight:** Heavier riders may experience reduced range.
- **Terrain:** Frequent uphill riding or rough terrain consumes more power.
- **PAS Level:** Higher pedal assist levels (or continuous throttle use) deplete the battery faster.
- **Temperature:** Cold weather can temporarily reduce battery performance and range.

- **Tire Pressure:** Underinflated tires increase rolling resistance and reduce range.
- **Battery Activation:** Ensure the battery has been properly activated as described in the Maintenance section.

2. Weak Braking Performance

If the brakes feel weak, check the following:

- **Brake Pad Wear:** Inspect brake pads for wear and replace if necessary.
- **Cable Tension:** Ensure brake cables are properly tensioned. Adjust if they feel too loose.
- **Disc Alignment:** Verify that the brake discs are clean and properly aligned within the calipers.

3. Display Not Functioning

If the LCD display is not turning on or showing incorrect information:

- **Battery Connection:** Ensure the main battery is securely installed and powered on.
- **Cable Connections:** Check all cables connected to the display for secure connections.
- **Power Cycle:** Try turning the bike off and on again.

Specifications

Feature	Specification
Bike Type	Electric Bike
Age Range	Adult
Brand	Misodo
Model Name	F26
Number of Speeds	7
Color	Ash Gray
Wheel Size	25.99 Inches (26")
Frame Material	Alloy Steel
Suspension Type	Dual (Front Fork & Seat Post)
Motor	1500W Peak (750W Rated) Brushless Motor
Battery	48V 10Ah Removable Lithium Battery (480 Watt Hours)
Max Speed	Up to 28 MPH
Range	Up to 65 Miles (varies by mode and conditions)
Charging Time	4-5 Hours
Brake Style	Dual Disc Brakes (Front & Rear)
Headlight	400-lumen LED Headlight

Waterproof Rating	Upgraded IPX7
Max Load Capacity	365 lbs
Vehicle Weight	50.7 lbs
Recommended Height	5'3"-6'4"

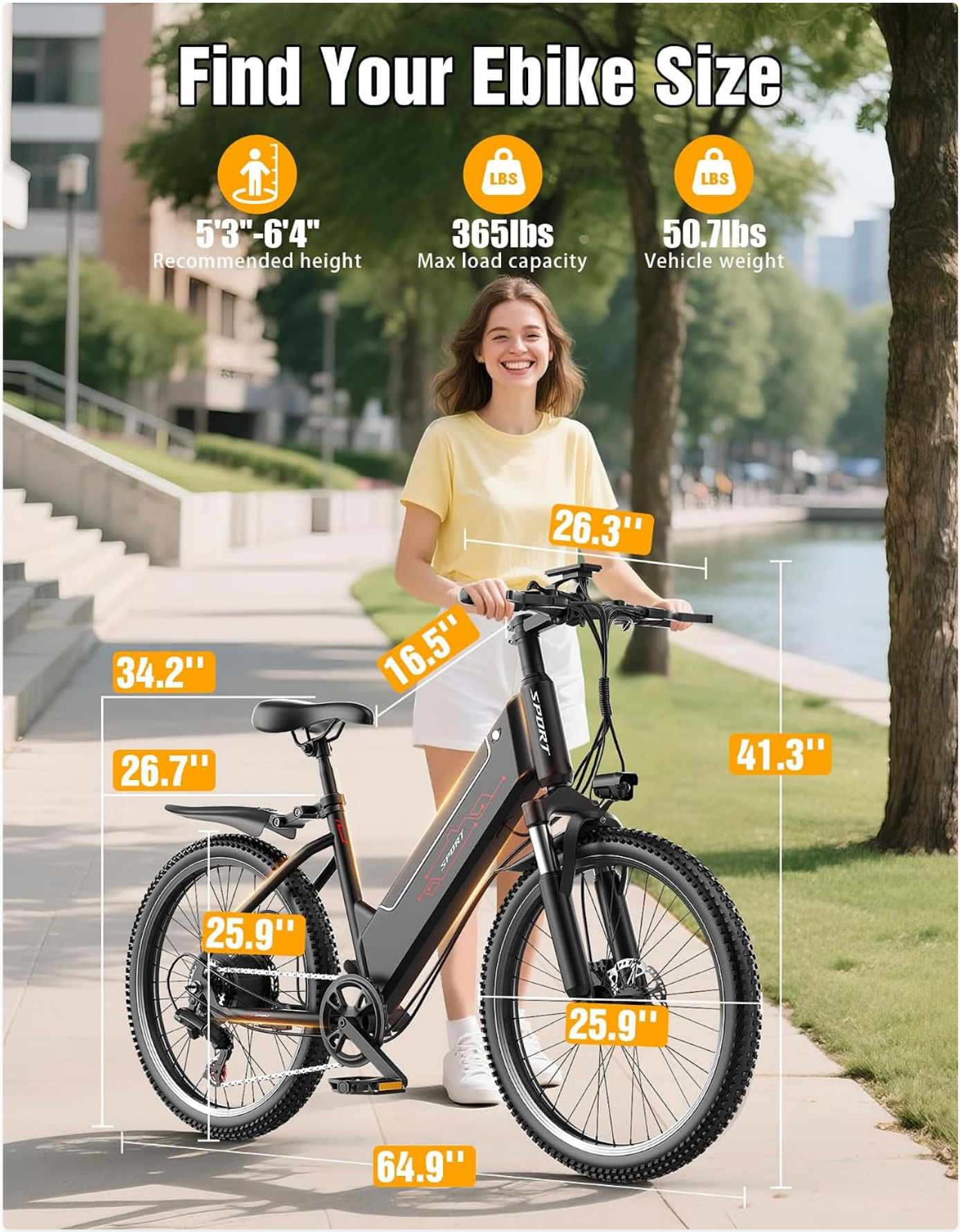


Image: Misodo F26 Electric Bike dimensions and rider suitability guide.

Warranty and Support

Your Misodo F26 Electric Bike comes with a 36-month warranty, including a 1-year manufacturer's warranty. This warranty covers manufacturing defects and ensures peace of mind with your purchase.

For any questions, technical assistance, or warranty claims, please contact Misodo customer support. Refer to your purchase documentation for specific contact details.

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