ZDZA ZA04

ZDZA ZA04 Electric Bike User Manual

Model: ZA04 | Brand: ZDZA

1. Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your ZDZA ZA04 Electric Bike. Please read this manual thoroughly before your first ride to ensure proper use and to maximize your riding experience.

Safety Precautions

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are securely fastened before each ride.
- Familiarize yourself with local traffic laws and regulations for electric bicycles.
- Do not operate the bike under the influence of alcohol or drugs.
- Regularly inspect brakes, tires, and battery for optimal performance and safety.

2. Package Contents

Upon unpacking, please verify that all items listed below are present and undamaged:

- 1x ZDZA ZA04 26" Electric Bike (90% assembled)
- 1x Battery Charger
- 1x Tool Kit
- 1x User Manual (This document)

3. Assembly Instructions

Your ZDZA ZA04 Electric Bike arrives approximately 90% assembled. The included tool kit contains the necessary items for completing the assembly. Please follow these steps carefully:

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain packaging for future transport or storage.

2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely. Adjust the angle for comfortable riding.
3. **Front Wheel Installation:** Install the front wheel, ensuring the quick-release skewer or axle nuts are properly tightened. Verify the brake rotor is correctly seated in the caliper.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Thread them carefully to avoid cross-threading, then tighten firmly with a wrench.
5. **Seat Post and Saddle:** Insert the seat post into the frame and adjust the saddle height to a comfortable and safe riding position. Secure with the quick-release lever.
6. **Battery Installation:** Ensure the battery is securely inserted into its compartment. Refer to the "Battery" section for detailed instructions on battery handling and charging.
7. **Final Checks:** Before your first ride, perform a thorough check of all bolts, nuts, and quick releases. Ensure tires are inflated to the recommended pressure (refer to tire sidewall). Test brakes and gear shifting.



Image: The ZDZA ZA04 Electric Bike, showcasing its overall design and components.

4. Components Overview

Familiarize yourself with the main components of your ZDZA ZA04 Electric Bike:

- **Motor:** 1000W Peak Power Motor, located in the rear hub, providing assistance up to 22 mph and capable of handling 25% inclines.
- **Battery:** 375Wh Removable Lithium Battery, integrated into the frame, offering up to 40 miles range in pedal-assist mode.
- **Display:** Upgraded Colorful LCD Display, showing speed, battery level, riding mode, mileage, and other ride data.
- **Gears:** 7-Speed Shimano Gear System, allowing for efficient pedaling across various terrains.
- **Brakes:** Dual Disc Braking System, providing responsive and reliable stopping power.
- **Suspension:** Dual Lockable Front Suspension, designed to absorb shocks and provide a smoother ride on uneven surfaces.
- **Tires:** 26" Puncture-Resistant Tires, suitable for various road conditions including urban, mountain, snow, and beach roads.
- **Frame:** High Carbon Steel Frame, designed for stability and durability, with a maximum load capacity of 265 lbs.
- **Lighting:** Integrated Headlight and Reflectors for enhanced visibility and safety.



Image: Illustration of the 1000W peak motor, highlighting its power and speed capabilities.



Image: The 375Wh removable battery, emphasizing its capacity and waterproof design.



Image: The 26-inch puncture-resistant tires and dual front suspension, suitable for diverse terrains.



Image: The colorful LCD display, showing various ride metrics and settings.

5. Initial Setup and Adjustments

5.1 Battery Charging

Before first use, fully charge the battery. The battery can be charged while installed on the bike or removed. A full charge typically takes approximately 5 hours.

- Connect the charger to the battery charging port.
- Plug the charger into a standard wall outlet.
- The charger indicator light will show charging status (e.g., red for charging, green for fully charged).
- Disconnect the charger once charging is complete.



Image: Demonstrates both on-bike and off-bike charging methods for the removable battery.

5.2 Display Settings

The colorful LCD display allows you to monitor and adjust various settings:

- **Power On/Off:** Press and hold the power button on the display.
- **Information Display:** View current speed, battery level, mileage (ODO/TRIP), and power assistance mode.
- **Mode Selection:** Use the mode buttons to cycle through different riding modes (Pure Electric, Pedal Assist, Cruise Control, Normal Bike, Push Assist).
- **Headlight Control:** The display may include controls for the integrated headlight.

6. Operating Instructions

6.1 Riding Modes

The ZDZA ZA04 offers five distinct riding modes:

- **Pure Electric Mode:** Engages the motor via throttle for propulsion without pedaling.
- **Pedal Assist Mode (PAS):** Provides motor assistance while you pedal. The level of assistance can usually be adjusted.
- **Cruise Control Mode:** Maintains a set speed without continuous throttle input (refer to display manual for activation).
- **Normal Bike Mode:** The motor is off, and the bike operates as a traditional bicycle.
- **Push Assist Mode:** Provides low-speed motor assistance for walking the bike (e.g., up a ramp).

6.2 Gear Shifting

The 7-speed Shimano gear system allows you to adjust pedaling effort. Use the trigger shifters on the handlebar to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

Image: The efficient 7-speed gear system, illustrating the rear derailleur and cassette.

6.3 Braking

The dual disc braking system provides strong stopping power. Apply both front and rear brakes simultaneously for

balanced and effective braking. Avoid sudden, hard braking, especially at high speeds or on loose surfaces.



Image: Detailed view of the dual disc brake system, highlighting its sensitive and fast braking capability.

6.4 Suspension Adjustment

The dual front suspension can be locked or unlocked. Unlock the suspension for rough terrain to absorb bumps and provide a smoother ride. Lock the suspension for smoother roads to improve pedaling efficiency.

7. Maintenance

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

7.1 Routine Checks (Before Each Ride)

- **Tire Pressure:** Check and inflate tires to the recommended PSI (found on the tire sidewall).
- **Brakes:** Ensure brake levers are firm and responsive, and brake pads are not excessively worn.
- **Fasteners:** Verify all nuts, bolts, and quick releases are tight.
- **Battery Level:** Check the battery charge level on the display.

7.2 Cleaning and Storage

- **Cleaning:** Use a damp cloth to wipe down the frame. Avoid high-pressure washing directly on electrical components.
- **Lubrication:** Periodically lubricate the chain and other moving parts with bicycle-specific lubricant.
- **Storage:** Store the bike in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (e.g., 50-70%) and recharged every few months.

7.3 Battery Care

- Use only the original charger provided with the bike.
- Do not expose the battery to extreme heat or cold.
- Avoid fully discharging the battery frequently.

8. Troubleshooting

This section addresses common issues you might encounter with your ZDZA ZA04 Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery is not charged or not properly installed.	Ensure battery is fully charged and securely seated. Check connections.
Motor not assisting.	Low battery, incorrect riding mode, or sensor issue.	Charge battery. Select Pedal Assist or Pure Electric mode. Check for error codes on the display.
Brakes squeak or feel weak.	Brake pads worn, dirty rotors, or improper adjustment.	Clean rotors. Inspect and replace worn brake pads. Adjust brake caliper or cable tension.
Gears are not shifting smoothly.	Derailleur out of adjustment or dirty/dry chain.	Lubricate chain. Adjust derailleur limits and cable tension.

If you encounter issues not listed here or require further assistance, please contact ZDZA customer support.

9. Specifications

Feature	Detail
Model Name	ZA04
Bike Type	Commuting Bike, Electric Bike
Motor	1000W Peak Power Brushless Motor
Top Speed	22 mph (35 km/h)
Max Slope	25%
Battery	375Wh Removable Lithium Battery
Range (PAS Mode)	Up to 40 miles (65 km)
Charging Time	Approx. 5 hours
Wheel Size	26 Inches
Tires	26" Puncture-Resistant Tires (1.95 Inches width)
Frame Material	High Carbon Steel
Suspension	Dual Front Lockable Suspension
Brake Style	Dual Disc Braking System
Number of Speeds	7 (Shimano)
Display	Upgraded Colorful LCD Display
Max Load Capacity	265 lbs (120 kg)
Ebike Weight	57.9 lbs (26.25 kg)
Recommended User Height	5'3" - 6'1" (63 - 73 inches)
Dimensions (L x W x H)	66.9 x 25.8 x 39.4 inches

Feature	Detail
Certifications	UL 2849 Certified

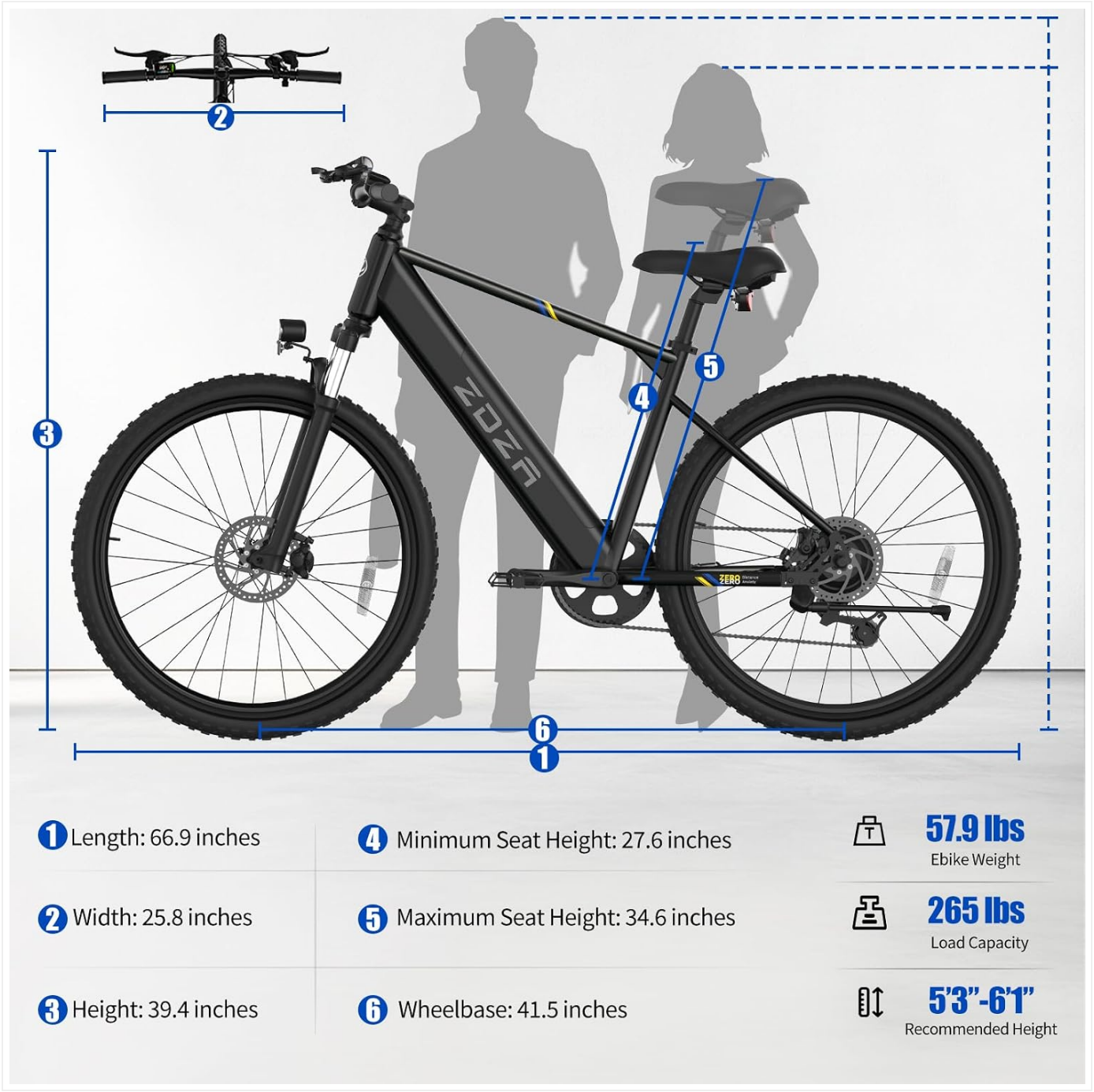


Image: Diagram illustrating the key dimensions, weight, and load capacity of the ZDZA ZA04 Electric Bike.

10. Warranty and Support

10.1 Manufacturer's Warranty

The ZDZA ZA04 Electric Bike is covered by a **12-month manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover:

- Damage caused by misuse, neglect, accident, or improper assembly.

- Normal wear and tear of components (e.g., tires, brake pads, chain).
- Unauthorized modifications or repairs.

10.2 Customer Support

For any questions, concerns, or technical assistance regarding your ZDZA ZA04 Electric Bike, please contact ZDZA customer service. We aim to respond to inquiries within 24 hours.
Contact Information: Please refer to the contact details provided on the product packaging or the official ZDZA website for the most up-to-date support channels.

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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.

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