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› ZDZA ZA04 Electric Bike User Manual: Assembly, Operation, and Maintenance

ZDZA ZA04

ZDZA ZA04 Electric Bike User Manual

Model: ZA04

1. INTRODUCTION

This manual provides essential information for the safe assembly, operation, and maintenance of your ZDZA ZA04 Electric Bike. Please read this manual thoroughly before your first ride and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your e-bike.



Image 1.1: The ZDZA ZA04 Electric Bike, a 26-inch e-bike with a black frame, designed for adult riders.

2. SAFETY INFORMATION

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Be aware of local traffic laws and regulations. This electric bike is UL 2849 certified, indicating compliance with electrical system safety standards.

- Always perform a pre-ride inspection of brakes, tires, battery, and lights.
- Ensure the battery is securely locked in place before riding.
- Do not operate the e-bike under the influence of alcohol or drugs.
- Maintain a safe distance from other vehicles and pedestrians.
- Avoid riding in adverse weather conditions if possible.
- The maximum load capacity for this e-bike is 265 lbs (120 kg). Do not exceed this limit.

3. PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged:

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

If any items are missing or damaged, please contact customer support immediately.

4. ASSEMBLY AND SETUP

Your ZDZA ZA04 Electric Bike arrives approximately 90% assembled. The included tool kit and instructions will guide you through the final assembly steps, which typically take 30-40 minutes.

4.1. Initial Battery Charge

Before first use, fully charge the 374.4Wh removable lithium battery. The charging time is approximately 5 hours. The battery can be charged while installed on the bike or removed for convenience.



Image 4.1: The ZDZA ZA04 battery can be charged directly on the bike or removed for charging indoors.

4.2. Adjusting Seat Height

Adjust the ergonomic seat to a comfortable riding posture. The minimum seat height is 27.6 inches and the maximum is 34.6 inches. Ensure your feet can comfortably touch the ground when stopped.



Image 4.2: The ergonomic seat offers adjustability for rider comfort and proper leg extension.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

To power on the e-bike, press and hold the power button on the colorful LCD display. Repeat to power off.

5.2. Colorful LCD Display

The upgraded colorful LCD display provides real-time information:

- **Speed Display:** Current riding speed.
- **Battery Level Indicator:** Shows remaining battery charge.
- **Power Assistance Mode:** Indicates the current pedal assist level.
- **Mileage:** Displays ODO (total mileage), TRIP (trip distance), AVG (average speed), MAX (max speed).
- **Headlight/Brake Indication:** Status of lights and brake activation.



Image 5.1: The colorful LCD display provides comprehensive ride data at a glance.

5.3. Riding Modes and Gears

The ZA04 offers 5 diverse working modes and a 7-speed gear system:

- **Pure Electric Mode:** Propelled solely by the motor using the throttle.
- **Pedal Assist Mode (PAS):** Motor provides assistance while you pedal. Multiple levels of assistance are available.
- **Cruise Control Mode:** Maintains a set speed without continuous throttle input.
- **Normal Bike Mode:** Electric assistance is off; operates as a traditional bicycle.
- **Push Assist Mode:** Provides low-speed assistance for walking the bike.

Use the 7-speed Shimano gears to adjust pedaling effort for different terrains and speeds. Shift gears smoothly to avoid strain on the drivetrain.



Image 5.2: The 7-speed gear system allows for efficient riding across various terrains.

5.4. Braking System

The e-bike is equipped with a dual disc braking system for reliable stopping power. Apply both front and rear brakes simultaneously for balanced and effective braking. Avoid sudden, hard braking, especially at high speeds.



Image 5.3: The dual disc brake system provides responsive and controlled stopping.

6. MAINTENANCE

Regular maintenance ensures the safety and longevity of your e-bike.

- **Tires:** Regularly check tire pressure and inspect for wear or damage. The 26" puncture-resistant tires offer enhanced durability, but proper inflation is crucial.
- **Brakes:** Inspect brake pads and rotors for wear. Adjust brake cables as needed to ensure responsive braking.
- **Chain:** Keep the chain clean and lubricated for smooth gear changes and to prevent rust.
- **Battery:** Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery frequently.
- **General Cleaning:** Clean the bike with a damp cloth. Avoid using high-pressure water jets directly on electrical components.



Image 6.1: The 26-inch puncture-resistant tires are designed for various terrains, requiring regular inspection.

7. 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 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 LCD.
Brakes feel weak or squeaky.	Worn brake pads, loose cables, or contaminated rotors.	Inspect and replace brake pads if worn. Adjust cable tension. Clean rotors.
Gears are not shifting smoothly.	Dirty chain, misaligned derailleur, or stretched cable.	Clean and lubricate chain. Adjust derailleur. Consult a bike mechanic if issues persist.

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

8. SPECIFICATIONS

Feature	Detail
Model Name	ZA04
Brand	ZDZA
Motor	1000W Peak Brushless Motor
Max Speed	20 mph (32 km/h)
Max Slope	25%
Battery	374.4Wh Removable Lithium Battery (IPX6 Waterproof, BMS Intelligent Safety)
Range (PAS Mode)	Up to 40 miles (65 km)
Charging Time	Approx. 5 hours

Feature	Detail
Wheel Size	26 Inches
Tires	26" Puncture Resistant Tires
Gears	7-Speed Shimano
Brakes	Dual Disc Braking System
Suspension	Dual Front Lockable Suspension
Display	Colorful LCD Display
Frame Material	High Carbon Steel
E-bike Weight	57.9 lbs (26.25 kg)
Max Load Capacity	265 lbs (120 kg)
Recommended Rider Height	5'3" - 6'1" (160 cm - 185 cm)
Certifications	UL 2849 Certified



Image 8.1: Key dimensions and rider height recommendations for the ZDZA ZA04 Electric Bike.

9. WARRANTY AND SUPPORT

9.1. Warranty Information

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. It does not cover damage due to misuse, accidents, unauthorized modifications, or normal wear and tear.

9.2. Customer Support

If you have any questions, require assistance with assembly, operation, or encounter any issues with your ZDZA ZA04 Electric Bike, please do not hesitate to contact our customer support team. We aim to respond to inquiries within 24 hours. Please refer to your purchase documentation for specific contact details or visit the official ZDZA website for support information.

