

[Manuals.plus](#) /

› [ZDZA](#) /

› ZDZA 26" Fat Tire Electric Bike User Manual

ZDZA ZA01

ZDZA 26" Fat Tire Electric Bike User Manual

Model: ZA01

1. INTRODUCTION

Welcome to the ZDZA Electric Bike user manual. This guide provides essential information for the safe and efficient operation, assembly, and maintenance of your new ZDZA ZA01 electric bike. The ZA01 is designed to offer a comfortable and powerful riding experience, featuring a 1500W peak power motor, a long-range 48V 14.5Ah removable battery, 26x4.0" fat tires, and dual suspension for versatile terrain handling.

Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your electric bike.



Image 1.1: The ZDZA ZA01 Electric Bike, showcasing its robust design, fat tires, and integrated display.

2. SAFETY GUIDELINES

Your safety is paramount. Adhere to the following guidelines to prevent injury and damage to your electric bike.

- **Wear a Helmet:** Always wear a certified bicycle helmet when riding.
- **Pre-Ride Check:** Before each ride, inspect brakes, tire pressure, battery charge, and ensure all quick releases and fasteners are secure.
- **Obey Traffic Laws:** Follow all local traffic laws, regulations, and signage.
- **Weather Conditions:** Exercise caution in wet or slippery conditions. Braking distance increases significantly.
- **Riding Under Influence:** Never operate the electric bike under the influence of alcohol or drugs.
- **Passenger Limit:** This electric bike is designed for one rider only. Do not carry passengers.
- **Charging Safety:** Only use the provided charger. Do not overcharge the battery. Charge in a well-ventilated area away from flammable materials.
- **Weight Limit:** Do not exceed the maximum load capacity of 330 lbs (150 kg).

3. MAIN COMPONENTS

Familiarize yourself with the key components of your ZDZA electric bike:

- **Frame:** High Carbon Steel triangular frame for stability.
- **Motor:** 1500W peak power motor, providing strong acceleration and hill-climbing capability.
- **Battery:** Removable 48V 14.5Ah Lithium Battery, integrated into the frame.
- **Tires:** 26"x4.0" Fat Tires for superior grip and shock absorption on various terrains.
- **Suspension:** Dual lockable front suspension system for a smooth ride.
- **Brakes:** Front and rear dual disc braking system for reliable stopping power.
- **Display:** Upgraded colorful LCD display for monitoring ride data.
- **Gears:** Shimano 7-speed transmission system.
- **Lighting:** Integrated front headlight and rear reflector.

1500W Peak Motor

Powerful & Efficient



1500W

Peak Motor



28 Mph

Top Speed



80 Nm

Motor Torque



30°

Max Slope

Image 3.1: Illustration of the 1500W peak power motor, highlighting its power and efficiency.



Image 3.2: The 48V 14.5Ah large capacity removable lithium battery, showing its integration and charging capabilities.

26"x4.0" Fat Tires

Conquer All Terrains



Image 3.3: The 26"x4.0" fat tires, designed to conquer various terrains including snow, sand, and rocky paths.

Front Hydraulic Suspension System



Image 3.4: Detail of the front hydraulic suspension system, illustrating its shock-absorbing function for a comfortable ride.



Image 3.5: Close-up of the Shimano 7-speed gear shifter, indicating its role in versatile riding.



Image 3.6: The colorful LCD display, showing various ride metrics and settings.

4. ASSEMBLY AND INITIAL SETUP

Your ZDZA electric bike arrives 90% assembled. Follow these steps for quick and hassle-free completion:

1. **Unpacking:** Carefully remove the bike and all components from the packaging. Retain the packaging for future transport or storage.
2. **Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and the bolts are tightened securely.
3. **Front Wheel Attachment:** Install the front wheel, ensuring it is properly seated in the fork dropouts and the quick release or axle nuts are tightened.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Ensure they are fully threaded and tightened.
5. **Seat Post Adjustment:** Insert the seat post into the frame and adjust the seat height for comfortable riding, ensuring the minimum insertion mark is not visible. Secure with the quick release lever.

6. **Fender Installation:** Attach the front and rear fenders as per the included instructions.
7. **Battery Charging:** Before your first ride, fully charge the battery. Connect the charger to the battery port and then to a power outlet. The indicator light on the charger will change when fully charged (approximately 6 hours).
8. **Final Inspection:** Double-check all bolts, quick releases, and connections to ensure they are secure. Verify brake functionality and tire pressure.

5. OPERATING YOUR ELECTRIC BIKE

The ZDZA ZA01 offers multiple riding modes and features for a personalized experience.

5.1 Powering On/Off

Press and hold the power button on the LCD display to turn the bike on or off. The display will illuminate, showing your current speed, battery level, and assist mode.

5.2 Riding Modes

Your electric bike features 5 distinct riding modes:

- **Pure Electric Mode:** Use the throttle for propulsion without pedaling.
- **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. There are 5 assist levels; higher levels provide more power.
- **Normal Bicycle Mode:** Ride like a traditional bicycle with no motor assistance.

5.3 Gear Shifting

The Shimano 7-speed transmission allows you to adjust your pedaling effort to different terrains and speeds. Use the shifter on the handlebar to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.

5.4 Braking

The bike is equipped with front and rear disc brakes. Apply both brake levers simultaneously for effective and controlled stopping. Practice braking in a safe area to get accustomed to the bike's stopping power.



Image 5.1: Diagram illustrating the key dimensions and recommended rider height for the ZDZA ZA01 Electric Bike.

6. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and optimal performance of your electric bike.

- **Battery Care:**

- Charge the battery regularly, even if not in use, to maintain its health.
- Store the battery in a cool, dry place, ideally between 50% and 80% charge, if storing for extended periods.
- Avoid fully discharging the battery frequently.

- **Tire Pressure:** Check tire pressure before each ride. Maintain the recommended PSI (pounds per square inch) as indicated on the tire sidewall for optimal performance and safety.
- **Brake Inspection:** Regularly check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as needed.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.

- **Cleaning:** Clean the bike with a damp cloth and mild soap. Avoid using high-pressure washers directly on electrical components. Dry thoroughly after cleaning.
- **Fastener Check:** Periodically check and tighten all bolts and fasteners, especially on critical components like the handlebars, seat post, and wheels.

7. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter with your ZDZA electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged; Battery not properly seated; Loose electrical connection	Charge battery; Ensure battery is fully inserted; Check all visible connections.
Motor not assisting	Low battery; PAS level set to 0; Brake lever engaged; Motor connection issue	Charge battery; Increase PAS level; Ensure brake levers are fully released; Check motor cable connection.
Brakes feel weak	Worn brake pads; Loose brake cable; Disc rotor dirty	Inspect and replace brake pads; Adjust brake cable tension; Clean disc rotor with rubbing alcohol.
Display not working	Loose display cable; Power button issue	Check display cable connection; Ensure power button is pressed firmly.
Unusual noises from bike	Loose components; Dry chain; Brake rub	Inspect and tighten all bolts; Lubricate chain; Adjust brake calipers to prevent rubbing.

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

8. SPECIFICATIONS

Detailed technical specifications for the ZDZA ZA01 Electric Bike:

Feature	Specification
Model Name	ZA01
Bike Type	Electric Bike
Brand	ZDZA
Motor	1500W Peak Power
Top Speed	28 mph (45 km/h)
Max Slope	35°

Feature	Specification
Battery	48V 14.5Ah Removable Lithium Battery
Battery Energy Content	696 Watt Hours
Range (Pure Electric)	65 km (40 miles)
Range (PAS Mode)	116 km (72 miles)
Charging Time	Approx. 6 hours (Fast Charging)
Wheel Size	26 Inches
Wheel Width	4 Inches
Number of Speeds	7 (Shimano)
Suspension Type	Front (Dual Lockable)
Brake Style	Disc (Front & Rear)
Frame Material	High Carbon Steel
Color	Dark Black
Item Weight	67.24 Pounds
Maximum Weight Recommendation	330 Pounds (150 kg)
Dimensions (L x W x H)	70.9" x 25.2" x 37.4"
Included Components	1x Electric Bike, 1x Charger, Tool Kit, User Manual
Certification	UL2849

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your ZDZA electric bike, please contact our customer service team.

Email: ca.support@zdzas.com

Please have your model name (ZA01) and purchase details ready when contacting support to expedite assistance.