

ENGWE ENGWE X26

ENGWE X26 Fat Tire Electric Bike User Manual

Model: ENGWE X26

1. INTRODUCTION

Welcome to the ENGWE X26 Fat Tire Electric Bike user manual. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new electric bicycle. Please read it thoroughly before your first ride and keep it for future reference.

Safety Guidelines

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery.
- Do not operate the e-bike under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- Ensure both batteries are installed correctly and securely before riding.

2. SETUP AND ASSEMBLY

Your ENGWE X26 electric bike is pre-installed 85% and requires minimal assembly. Follow these steps to get your bike ready for its first ride.

2.1 Unboxing and Initial Inspection

Carefully remove the bike from its packaging. Inspect for any visible damage during transit. Ensure all components listed in the packing list are present.

2.2 Handlebar and Front Wheel Assembly

Attach the handlebar and front wheel according to the included quick start guide. Ensure all bolts are tightened securely.

2.3 Battery Installation

The ENGWE X26 features a dual-battery system. Proper installation is crucial for safety and performance.

Warning: Please install the seat battery first, plug in the power supply and press the power switch, and then install the frame battery. If the installation sequence is reversed, and you install the frame battery first, sparks will appear when the contact plug is connected!

1. **Seat Battery Installation:** Adjust the seat to your desired height. Lock up the seat battery securely. Connect the

power cord to the seat battery, ensuring it is fastened.

2. **Frame Battery Installation:** Open the self-locking handle of the frame folding device. Insert the frame battery into its compartment. To prevent theft, lock the frame battery using the provided key. Close the self-locking handle of the frame folding device.

Your browser does not support the video tag.

Video: X26 Two Batteries Installation Steps. This video demonstrates the correct procedure for installing both the seat and frame batteries, including securing them and connecting the power cord.

2.4 Tire Inflation and Brake Check

Inflate the 26x4.0-inch fat tires to the recommended pressure. Test both hydraulic disc brakes to ensure they are responsive and effective.



Image: The ENGWE X26 Fat Tire Electric Bike, showcasing its robust frame and large tires, ready for assembly.

3. OPERATING YOUR ENGWE X26

Learn how to power on your e-bike, adjust settings, and utilize its various features for an optimal riding experience.

3.1 Powering On and Display Overview

Press the power key to turn on the e-bike. The polychrome LCD display will show speed, battery level, and other vital information.

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Video: Engwe X26 ebike Set the Speed Limit to 25kmh. This video demonstrates how to access the display menu and adjust the speed limit setting.

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Video: How to toggle the KM to Mile on X26 display. This video shows how to switch between kilometers and miles on the display unit.

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Video: You can set the speed on screen. Please see here. This video illustrates how to set the desired speed limit directly from the e-bike's display.

3.2 Riding Modes

- **Throttle Mode:** Provides electric power without pedaling, offering an electric range of up to 62 miles.
- **Pedal Assist Mode (PAS):** Augments your pedaling effort with electric power, extending the range up to 95 miles.
- **Manual Mode:** Ride the bike like a traditional bicycle without electric assistance.

3.3 Activating the Throttle

To activate the throttle, hold the accelerator and the brake to MAX at the same time. Then, hold the power key to start up the bike. Keep holding tight for 10 seconds to activate the throttle. Release the accelerator and brake once activation is accomplished.

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Video: Activate the throttle of X26 ebike steps. This video provides a visual guide on how to activate the throttle function.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ENGWE X26 e-bike.

4.1 General Care

- Keep the bike clean, especially after riding in dirt or mud.
- Store the bike in a dry place, away from direct sunlight and extreme temperatures.
- Regularly check all bolts and fasteners for tightness.

4.2 Chain and Gear Maintenance

Keep the chain clean and lubricated. Regularly check the gear system for smooth operation.

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Video: X26 Two Batteries Installation Steps. This video also shows aspects of the bike's structure relevant to maintenance.

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Video: ENGWE X26 replace manuel gears shifter operation video. This video details the process of replacing the manual gear shifter, which includes handling the chain and derailleur.

4.3 Brake System

The hydraulic disc brakes require periodic inspection for wear and proper function. Ensure brake pads are not worn down and brake fluid levels are adequate.

4.4 Suspension System

The triple suspension system (front hydraulic shock, rear air shock, middle mechanical shock) should be checked for proper function and adjusted as needed for your riding style and terrain.



Image: Close-up view of the triple suspension system, highlighting the front hydraulic shock, rear air shock, and middle mechanical shock components.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your ENGWE X26 e-bike.

Problem	Possible Cause	Solution
Bike not powering on	Battery not charged or not properly connected.	Ensure batteries are fully charged and securely connected. Check power switch on seat battery.
Throttle not working	Throttle not activated or fault code on display.	Follow the throttle activation steps (Section 3.3). Check display for error codes and consult the manufacturer's support if persistent.
Gears not shifting smoothly	Derailleur cable loose or misaligned.	Adjust the shift cable tension at the rear derailleur. Refer to the manual gear shifter replacement video for guidance on derailleur adjustments.
Brakes feel weak	Worn brake pads or low hydraulic fluid.	Inspect brake pads for wear and replace if necessary. Consult a professional for hydraulic fluid issues.

6. SPECIFICATIONS

Feature	Detail
Motor Power	1200W (Peak)
Top Speed	31 MPH
Battery	48V 29.2AH (Dual Battery Option)
Electric Range (Throttle)	Up to 62 miles
PAS Range (Pedal Assist)	Up to 95 miles
Tires	26 x 4.0-inch Fat Tires
Brakes	Hydraulic Disc Brakes
Suspension	Full Suspension System (Front Hydraulic, Rear Air, Middle Mechanical)
Frame Material	6061 Aluminum Alloy
Weight Capacity	Up to 330 lbs
Item Weight	96 Pounds
Number of Speeds	8-speed variable system
Certifications	UL 2849 Certified/GCC/GCC-CPSC-16CFR1512

7. WARRANTY AND SUPPORT

Your ENGWE X26 electric bike comes with a comprehensive warranty to ensure your peace of mind.

7.1 Warranty Coverage

The ENGWE X26 includes a 1-year limited warranty. For specific details regarding coverage and terms, please refer to the warranty documentation provided with your purchase or contact ENGWE customer support.

7.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact ENGWE BIKES, the third-party seller. Their responsive customer support team is available to assist you.

Seller Name: ENGWE BIKES

For additional resources and product information, visit the official ENGWE Store:[ENGWE Store on Amazon](#)

ENGWE X26

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OPERATION AND MAINTENANCE MANUAL



Enjoy Your Riding

Before using the e-bike, please read the attached operating instructions.
Carefully read the safety rules.

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