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EVERCROSS EK15

EVERCROSS EK15 Electric Bike User Manual

Model: EK15

INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your EVERCROSS EK15 Electric Bike. Please read this manual thoroughly before your first ride to ensure proper assembly, safe usage, and optimal performance. Retain this manual for future reference.

SAFETY INFORMATION

WARNING: Always wear a helmet and appropriate safety gear when riding. Obey all local traffic laws and regulations. Do not ride under the influence of alcohol or drugs.

- Perform a pre-ride inspection before each use, checking brakes, tires, battery level, and all fasteners.
- Ensure the battery is securely locked in place before riding.
- Do not exceed the maximum speed of 20mph (approximately 32km/h) for safe operation.
- Avoid riding in adverse weather conditions, such as heavy rain or snow, which can reduce traction and visibility.
- Familiarize yourself with the bike's controls, including the throttle, pedal assist levels, and braking system, before riding in traffic.

COMPONENTS AND PACKAGE CONTENTS

Upon unpacking, verify that all components are present and undamaged. If any items are missing or damaged, contact customer service immediately.

- EVERCROSS EK15 Electric Bike Frame
- 36V 12AH Removable Lithium Battery
- Battery Charger
- Front Wheel Assembly
- Handlebar Assembly
- Pedals (Left and Right)

- Seat Post and Saddle
- Tool Kit (basic assembly tools)
- User Manual (this document)
- Lock



Note: The image above is a placeholder as no specific product images were provided in the input data. It indicates the general appearance of a product.

SETUP AND ASSEMBLY

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for potential future transport or returns.
2. **Handlebar Installation:** Attach the handlebar assembly to the stem. Ensure it is centered and tightened securely.
3. **Front Wheel Installation:** Install the front wheel into the fork dropouts. Ensure the quick-release skewer or axle nuts are properly tightened.
4. **Pedal Installation:** Identify the left (L) and right (R) pedals. The left pedal threads counter-clockwise, and the right pedal threads clockwise. Tighten firmly with a wrench.
5. **Seat Post and Saddle Adjustment:** Insert the seat post into the frame. Adjust the saddle height for comfortable pedaling, ensuring your leg has a slight bend at the bottom of the pedal stroke. Secure the quick-release lever or bolt.
6. **Battery Installation:** Insert the fully charged battery into its designated compartment on the frame. Ensure it clicks into place and is locked with the key provided.
7. **Initial Charge:** Before first use, 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.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the bike, press and hold the power button on the LCD display. To power off, press and hold the same button until the display turns off.

LCD Display Functions

The smart LCD screen tracks real-time speed, battery level, pedal assist level, mileage, and other statistics. Refer to the display's specific manual for detailed navigation.

Riding Modes

- **Pedal Assist Mode:** The motor provides assistance as you pedal. Adjust the assist level using the '+' and '-' buttons on the display. Higher levels provide more assistance.
- **Throttle Mode:** Engage the throttle (if equipped) for motor power without pedaling. This mode is ideal for quick acceleration or maintaining speed without effort.
- **Manual Mode:** Ride the bike like a traditional bicycle with no motor assistance.

Gears

The bike features a 7-speed gear system. Use the gear shifter on the handlebar to select appropriate gears for different terrains and speeds. Shift smoothly to avoid damage to the drivetrain.

Braking

The EK15 is equipped with disc brakes. Apply both front and rear brakes simultaneously for effective and controlled stopping. Avoid sudden, hard braking, especially at high speeds.

MAINTENANCE

Battery Care

- Charge the battery regularly, even if not in use, to maintain its lifespan.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not fully discharge the battery frequently.
- Use only the original charger provided with the bike.

Tire Maintenance

The bike features puncture-resistant 26-inch tires. Regularly check tire pressure and inflate to the recommended PSI (pounds per square inch) indicated on the tire sidewall. Proper tire pressure ensures optimal performance and prevents flats.

General Cleaning and Inspection

- Clean the bike regularly with a damp cloth. Avoid using high-pressure washers directly on electrical components.
- Inspect all bolts and fasteners periodically to ensure they are tight.
- Lubricate the chain regularly to ensure smooth operation and prevent rust.
- Check brake pads for wear and replace them when necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly installed.	Ensure battery is fully charged and securely locked in place. Check connections.
Motor not assisting	Low battery, pedal assist level too low, or sensor issue.	Charge battery. Increase pedal assist level. Check for obstructions around pedal sensor.
Brakes feel weak	Worn brake pads or loose brake cable.	Inspect brake pads and replace if worn. Adjust brake cable tension. Consult a professional if unsure.
Unusual noises from drivetrain	Dry chain, misaligned gears, or loose components.	Lubricate chain. Check gear alignment. Inspect for loose bolts.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Bike Type	Electric Bike
Model Name	EK15
Motor	500W Brushless Motor
Battery	36V 12AH Removable Lithium Battery (432 Watt Hours)
Max Speed	20mph (approx. 32km/h)
Range	35-90 kilometers (21-56 miles) per charge
Wheel Size	26 Inches
Frame Material	Iron
Suspension Type	Dual
Number of Speeds	7
Brake Style	Disc
Special Features	Headlight, LCD-Display, Rechargeable
Included Components	Lock
Dimensions	57.09 x 9.45 x 29.13 inch
Weight	Less than 52 pounds (approx. 23.6 kg)

WARRANTY AND CUSTOMER SUPPORT

The product comes with a warranty. For specific warranty details, please refer to the warranty card included in your package or contact EVERCROSS customer service. If you encounter any problems with your EVERCROSS electric mountain bike, please feel free to contact our customer services for assistance.

Manufacturer: ZHEJIANG KUANTU INDUSTRY AND TRADE CO.,LTD

Brand: EVERCROSS

For support, visit the official EVERCROSS store on Amazon: [EVERCROSS Amazon Store](#)

IMPORTANT NOTE ON VIDEOS

No official product videos were provided in the input data for this manual. Therefore, no video content is embedded.

Related Documents - EK15

	EVERCROSS EV10K PRO Electric Scooter User Manual Official user manual for the EVERCROSS EV10K PRO electric scooter. Find detailed instructions on assembly, charging, riding, safety precautions, app connectivity, maintenance, specifications, and troubleshooting. Essential guide for EV10K PRO owners.
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 EV12M User Manual EV12M 2.1	<p>EVERCROSS EV12M Electric Bike User Manual and Safety Guide</p> <p>Comprehensive user manual for the EVERCROSS EV12M electric bike, covering assembly, safety, operation, charging, maintenance, and warranty information. Learn how to safely ride and care for your EV12M.</p>
 CONTENUTO DELLA CONFEZIONE >>> EVERCROSS EV10K PRO	<p>Manuale Utente EVERCROSS EV10K PRO: Guida Completa, Specifiche e Garanzia</p> <p>Scopri come utilizzare, caricare, mantenere e risolvere i problemi del tuo scooter elettrico EVERCROSS EV10K PRO. Include specifiche tecniche, istruzioni di sicurezza e dettagli sulla garanzia.</p>
 EVERCROSS EK6 User Manual EV12M 2.1	<p>EVERCROSS EK6 Electric Bike User Manual</p> <p>Comprehensive user manual for the EVERCROSS EK6 electric bike, covering product overview, assembly instructions, and battery removal/installation.</p>
 EVERCROSS EV65M User Manual EV12M 2.1	<p>EVERCROSS EV65M Electric Scooter User Manual</p> <p>Comprehensive user manual for the EVERCROSS EV65M Electric Scooter, covering safety warnings, package contents, assembly, riding instructions, charging, specifications, maintenance, and warranty information.</p>
 CONTENIDO Advertencias de seguridad 19-21 Contenido del paquete 22-23 Batería y cargador de paquete 24-25 Montaje y Puesta en marcha 26-28 Instrucciones de uso 29-30 Motor de arranque eléctrico 31-32 Carga y arranque 33-34 Desarranque 35 Datos y mantenimiento 36-37 Detalles de garantía 38-39 Condiciones de garantía 40	<p>Manual de Usuario EVERCROSS EV12M: Guía Completa de Seguridad, Montaje y Mantenimiento</p> <p>Acceda a toda la información esencial sobre su moto eléctrica EVERCROSS EV12M. Este manual cubre advertencias de seguridad, contenido del paquete, instrucciones detalladas de montaje y puesta en marcha, especificaciones técnicas, consejos de carga y mantenimiento, y la política de garantía.</p>