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PEXMOR 26"*4.0(blue)

PEXMOR Electric Bike User Manual

Model: 26"*4.0(blue)

Brand: PEXMOR

1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your PEXMOR Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference.



Figure 1: PEXMOR Electric Bike (26''*4.0 Fat Tire model in blue)

2. KEY FEATURES

- **Lasting Removable Battery:** Equipped with a 48V 13Ah large capacity removable lithium battery. Offers three riding modes: Ordinary Bicycle, PAS Mode (90-100 KM/55-62 Miles range), and Electric Mode (80 KM/49 Miles range).
- **Powerful Motor & Lockable Suspension Fork:** Features a 500W high-speed brushless motor for stronger climbing power, reaching a max speed of 20MPH (32KM/H). The lockable front fork suspension adapts comfortably to various road sections, providing shock absorption for a safer and more comfortable ride.
- **7-Speed Gear & Dual Disc Brakes:** Professional 7-speed gear finger shifters for convenient riding on various terrains. Front and rear dual disc brakes ensure stable and strong braking force for enhanced safety.
- **Durable Fat Tire & LCD Display:** 26''*4.0" fat tires are non-slip and wear-resistant, offering strong grip and puncture resistance for safe driving. The maximum load capacity is 330LBS/150KG. A smart LCD display conveniently shows battery power, speed, mileage, and assist level.

48V 13AH REMOVABLE LITHIUM BATTERY

Large Capacity, Long Battery Life

PEXMOR

 Ordinary
Bicycle

 PAS Mode
90-100KM/55-62MILES

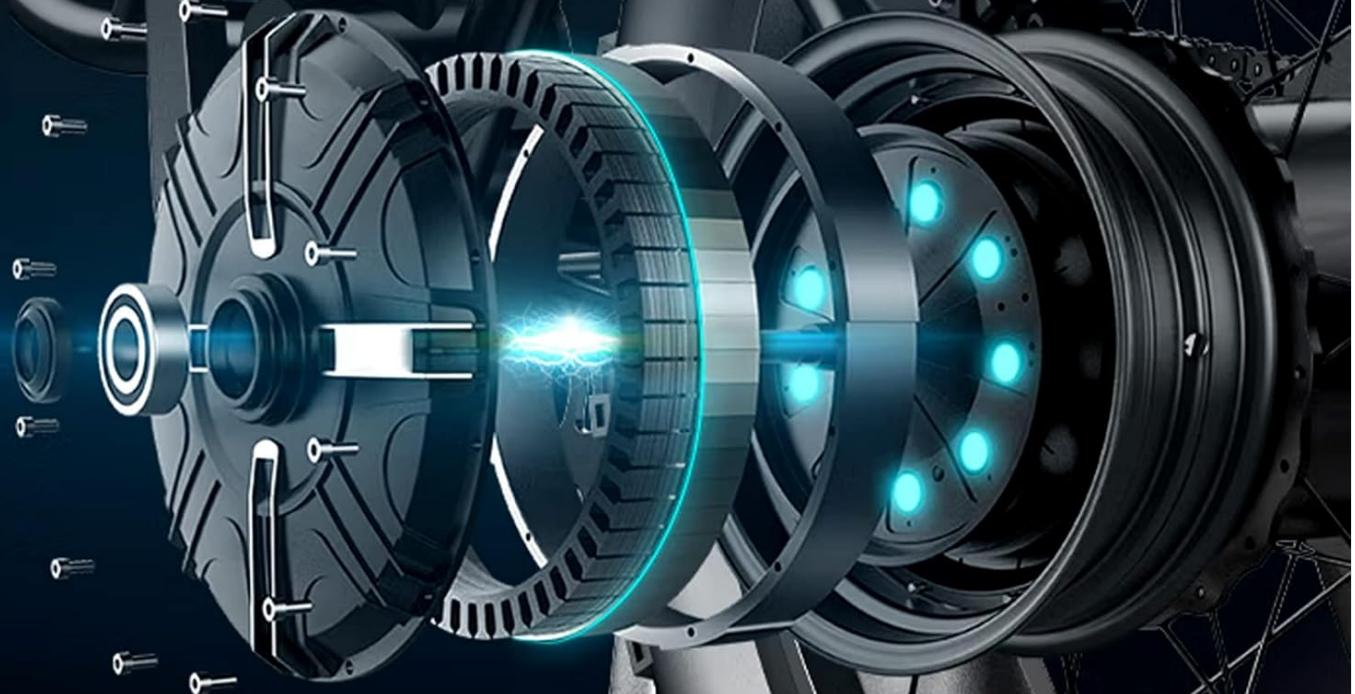
 Electric Mode
80KM/49MILES

Figure 2: The 48V 13AH removable lithium battery provides long-lasting power for various riding modes.

500W

HIGH SPEED BRUSHLESS MOTOR

Stronger Climbing Power, Longer Service Life



15° CLIMBING
Capacity



IP65
IP65 Waterproof Level



20MPH
Max Speed



60NM
Torque



SHIMANO
7 Speed Gears

Figure 3: Powerful 500W high-speed brushless motor for enhanced climbing and speed.



LOCKABLE FRONT FORK **SUSPENSION**

*Shock absorption for more safe and
comfortable riding*

Figure 4: Lockable front fork suspension system for comfortable riding on varied terrain.



26" * 4.0" FAT TIRE

ADAPT TO ALL TERRAIN



Snow Road



Sand Road



Mountain Road



City Road

Figure 5: Durable 26" * 4.0" fat tires provide excellent traction on various surfaces including snow, sand, mountain, and city roads.

SMART CONTROL AT YOUR FINGER

LCD DISPLAY



SHIMANO 7 SPEED



Battery



Speed



Mileage



Assist Level

Figure 6: Smart LCD display and Shimano 7-speed gear system for intuitive control and monitoring.

3. SETUP AND ASSEMBLY

Your PEXMOR Electric Bike arrives 85% assembled. The following steps and video guide will assist you in completing the assembly.

3.1 Unboxing and Component Identification

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present. The package includes the electric bike, charger, and necessary tools.

3.2 Assembly Steps

- Handlebar Installation:** Attach the handlebar to the stem, ensuring it is centered and tightened securely.
- Front Wheel Installation:** Install the front wheel, aligning the disc brake rotor with the caliper. Secure the wheel nuts firmly.
- Front Fender and Headlight Installation:** Attach the front fender and headlight to the front fork using the provided screws.

4. **Seat Post and Saddle Installation:** Insert the seat post into the frame and adjust the saddle height to your preference. Secure the quick-release clamp.
5. **Pedal Installation:** Identify the left (L) and right (R) pedals. Thread the pedals into the crank arms, ensuring correct orientation, and tighten them with a wrench.
6. **Battery Installation:** Insert the removable battery into its housing on the frame. Ensure it clicks securely into place and lock it with the key.

3.3 Assembly Video Guide

Your browser does not support the video tag.

Video 1: PEXMOR Ebike Assembly Video. This video provides a visual step-by-step guide for assembling your electric bike.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Display Functions

To power on the bike, press and hold the power button on the LCD display. The display will show battery level, speed, mileage, and assist level. Use the '+' and '-' buttons to adjust the pedal assist level (PAS).

SMART CONTROL AT YOUR FINGER

LCD DISPLAY



SHIMANO 7 SPEED



Battery



Speed



Mileage



Assist Level

Figure 7: Close-up of the LCD display and control buttons for power, assist level, and light.

4.2 Riding Modes

- **Ordinary Bicycle Mode:** Ride the bike like a traditional bicycle without electric assistance.
- **PAS (Pedal Assist System) Mode:** The motor provides assistance as you pedal. Adjust the assist level using the display controls. This mode offers a range of 90-100 KM (55-62 Miles).
- **Electric Mode:** Use the throttle for full electric power without pedaling. This mode offers a range of 80 KM (49 Miles).

4.3 Charging the Battery

To charge the battery, connect the charger to the battery charging port and then plug the charger into a standard wall outlet. The indicator light on the charger will show the charging status. Ensure the battery is fully charged before your first ride and after each use for optimal performance.

5. SPECIFICATIONS

Specification	Detail
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	PEXMOR
Number of Speeds	7
Color	Blue
Wheel Size	26 Inches
Frame Material	Carbon Steel
Suspension Type	Front
Special Feature	Lightweight
Included Components	Electric Bike, Charger
Size	26"*4.0
Brake Style	Disc
Specific Uses For Product	Trail, Commuter
Item Weight	59.5 Pounds
Style	26"*4.0(blue)
Power Source	Rechargeable Battery
Wheel Material	Aluminum
Lithium Battery Energy Content	624 Watt Hours
Maximum Weight Recommendation	330 Pounds
Assembly Required	Yes
Bicycle Gear Shifter Type	Trigger



Figure 8: Detailed frame size and dimensions for the PEXMOR Electric Bike.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your electric bike. Perform the following checks periodically:

- Tire Pressure:** Check tire pressure before each ride. Maintain recommended PSI for optimal performance and safety.
- Brakes:** Regularly inspect brake pads and rotors for wear. Ensure brake levers are responsive and provide adequate stopping power. Adjust or replace as needed.
- Chain:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent wear.
- Fasteners:** Periodically check all bolts, nuts, and quick-release levers to ensure they are securely tightened.
- Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery and charge it regularly, even if not in use, to prolong its lifespan.
- General Cleaning:** Clean the bike regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your PEXMOR Electric Bike. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged, battery not properly seated, power cable loose.	Ensure battery is fully charged. Re-insert battery firmly. Check all power connections.
Motor not assisting	PAS level set to 0, battery low, motor connection loose.	Increase PAS level on the display. Charge the battery. Check motor cable connections.
Brakes feel weak	Worn brake pads, loose brake cable, air in hydraulic system (if applicable).	Inspect and replace brake pads if worn. Adjust brake cable tension. For hydraulic brakes, consult a professional.
Unusual noises during riding	Loose components, dry chain, misaligned gears.	Check all fasteners. Lubricate the chain. Inspect gear alignment and adjust if necessary.

8. WARRANTY AND SUPPORT

Your PEXMOR Electric Bike comes with a Limited Warranty. Please refer to the warranty card included with your purchase for specific terms and conditions.

For any damage or failure with your bike, please contact PEXMOR customer service. Provide your order details and relevant photos or videos of the issue to facilitate faster resolution.

Contact Information:

Brand: PEXMOR

Online Store: [Visit the PEXMOR Store on Amazon](#)

For support, please use the contact methods provided on the official PEXMOR website or through your purchase platform.