

[Manuals.plus](#) /

› [5TH WHEEL](#) /

› 5TH WHEEL Mate Electric Bike User Manual

5TH WHEEL EB17

5TH WHEEL Mate Electric Bike User Manual

Model: EB17

INTRODUCTION

Thank you for choosing the 5TH WHEEL Mate Electric Bike. This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize your riding experience.

SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet that meets safety standards.
- Familiarize yourself with local traffic laws and regulations for electric bicycles.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- To ensure safe charging, please use only the original charger provided with your bike.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.

COMPONENTS OVERVIEW

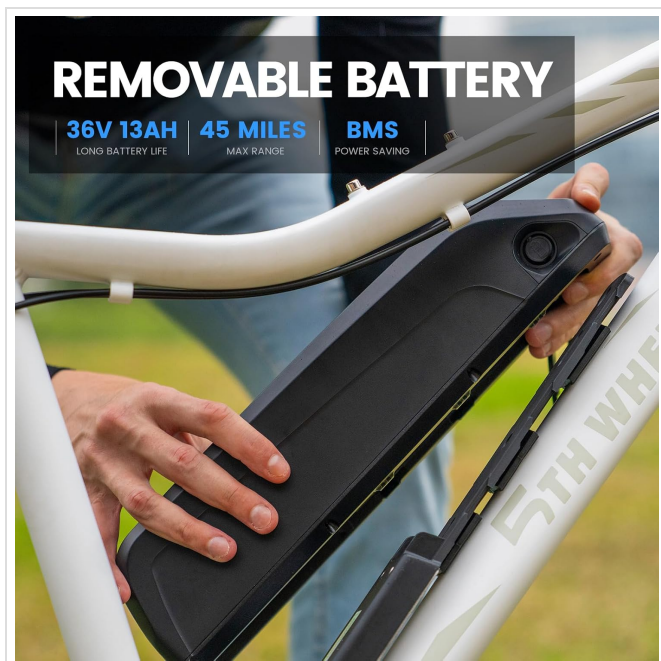
The 5TH WHEEL Mate Electric Bike is designed with high-quality components for performance and durability.



Overall Product View: The 5TH WHEEL Mate Electric Bike in white, showcasing its robust frame, wheels, and integrated battery.



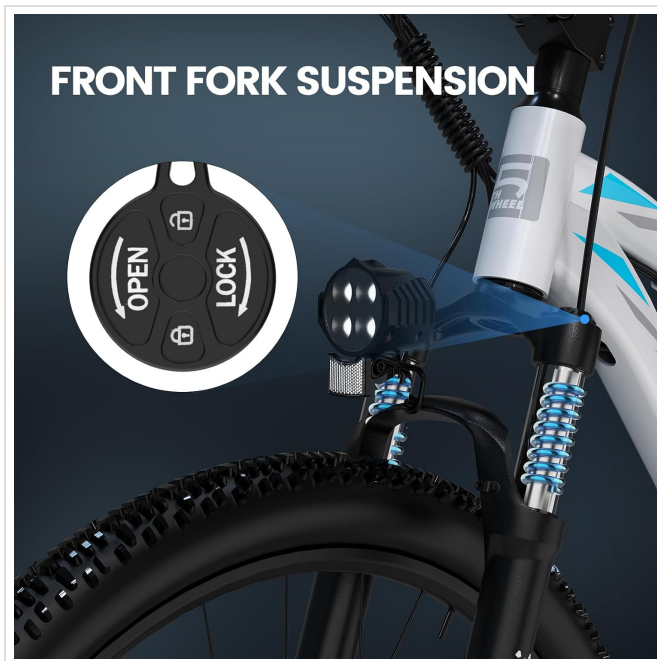
Premium Aluminum Alloy Frame: Constructed from high-quality aluminum, ensuring a lightweight yet durable design capable of supporting up to 330 lbs.



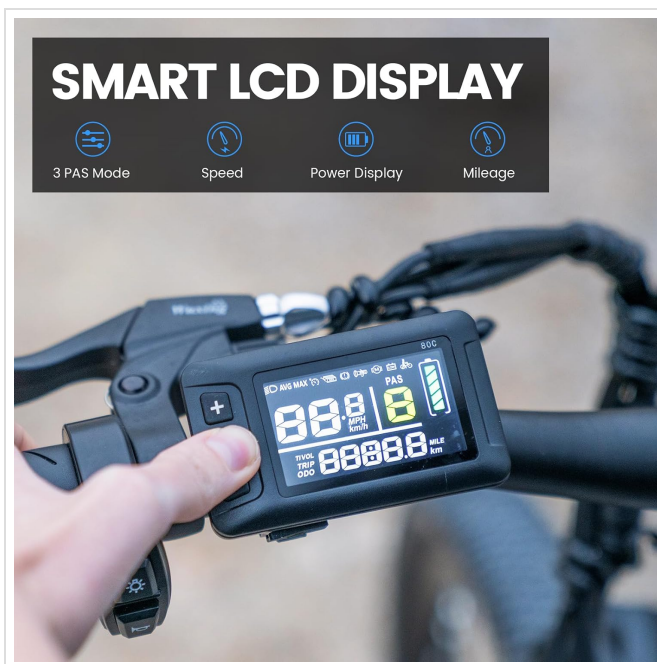
Removable Battery: The 468Wh lithium-ion battery is easily removable for convenient charging indoors or at the office.



Powerful Motor: Features a robust 500W brushless motor with a 1000W peak, providing strong acceleration and climbing ability.



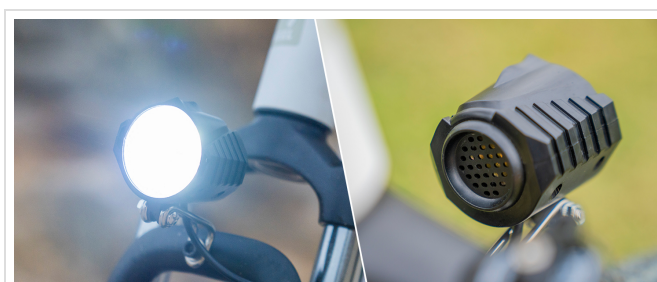
Front Fork Suspension: Adjustable front suspension absorbs bumps and shocks for a smoother ride on varied terrains.



Color LCD Display: An upgraded color LCD display provides essential riding data such as speed, battery level, and mileage.

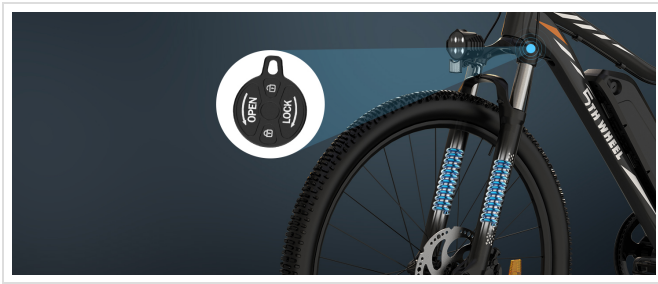


Shimano 7-Speed Gear System: Provides a wide range of gearing for various riding conditions and terrains.



Headlight and Reflector: Bright headlight and reflective flasher

enhance visibility for safe night riding.



Disc Brakes: Reliable disc brakes provide strong stopping power in various conditions.

SETUP AND ASSEMBLY

Your 5TH WHEEL Mate Electric Bike comes 85% pre-assembled. The remaining assembly typically involves attaching the front wheel, handlebars, pedals, and seat. Please refer to the included assembly guide for detailed, step-by-step instructions and ensure all bolts are tightened to the specified torque.

OPERATING INSTRUCTIONS

Turning On/Off

To turn on the bike, press and hold the power button on the LCD display. To turn off, press and hold the power button again.

Riding Modes

The bike offers three riding modes:

- **Electric Mode:** Provides full motor assistance without pedaling. Use the throttle for acceleration.
- **Pedal-Assist Mode (PAS):** The motor provides assistance as you pedal. The level of assistance can be adjusted via the LCD display.
- **Normal Bike Mode:** The motor is off, and the bike operates like a traditional bicycle, powered solely by pedaling.

Switch between modes and adjust PAS levels using the controls on the LCD display. The display will show your current speed, battery level, and mileage.

Gear Shifting

Use the Shimano 7-speed gear shifter on the handlebars to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain to maintain an efficient pedaling cadence.

BATTERY INFORMATION

The 468Wh lithium-ion battery provides a range of approximately 56KM (35 miles) in electric mode and up to 88KM (55 miles) in pedal-assist mode, depending on terrain, rider weight, and assistance level.

Charging

The removable battery can be charged while installed on the bike or removed. Connect the original charger to the battery port and then to a standard power outlet. The charging indicator on the charger will show the charging status. Always use the original charger to prevent damage and ensure safety.

USB Charging Port

The bike includes a built-in USB charging port, allowing you to charge your mobile devices on the go. This port is typically located on the display or battery itself.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

- **Cleaning:** Wipe down the frame with a damp cloth. Avoid direct high-pressure water spray on electrical components.
- **Tires:** Check tire pressure before each ride. Recommended pressure is usually indicated on the tire sidewall.
- **Brakes:** Regularly inspect brake pads for wear and ensure brake levers provide firm and responsive 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 and nuts for tightness, especially on critical components like handlebars, wheels, and seat post.
- **Battery Care:** Store the battery in a cool, dry place and charge it regularly, even if not in use, to maintain its health. Avoid fully discharging the battery for extended periods.

TROUBLESHOOTING

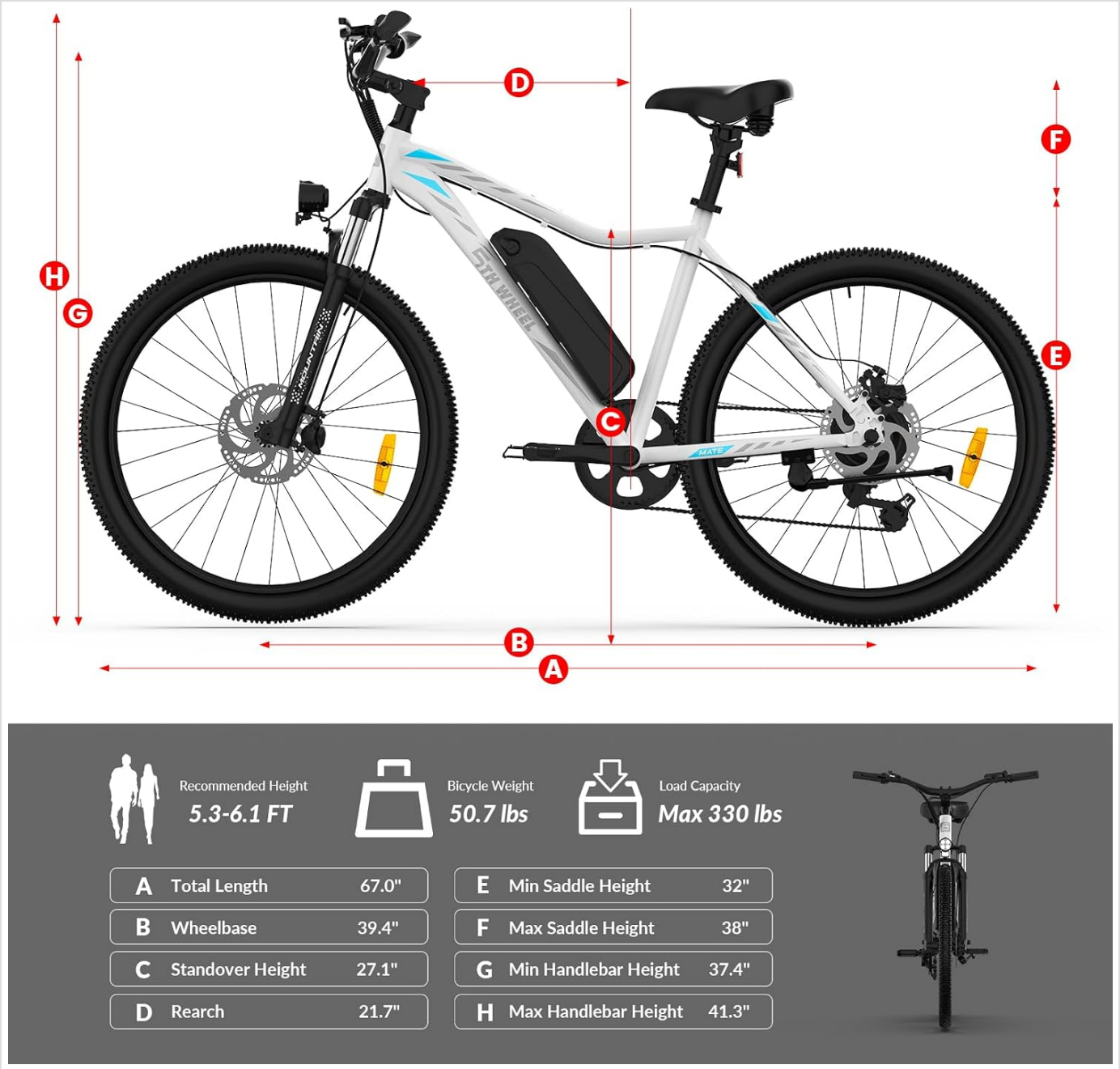
If you encounter issues with your 5TH WHEEL Mate Electric Bike, consider the following common solutions:

- **Bike not turning on:** Check if the battery is properly seated and charged. Ensure the power button is pressed firmly.
- **Motor not assisting:** Verify the battery has sufficient charge. Check if the pedal-assist level is set above zero. Ensure all cables are securely connected.
- **Brakes feel weak:** Inspect brake pads for wear. Check brake cable tension and adjust if necessary.
- **Unusual noises:** Inspect the chain, gears, and wheels for any obstructions or loose components.

For persistent issues or complex repairs, please contact customer support.

SPECIFICATIONS

Feature	Specification
Motor	500W Brushless (1000W Peak)
Battery	468Wh Lithium-Ion (Removable)
Top Speed	Up to 37 KM/H (23 MPH)
Range (Electric Mode)	Approx. 56 KM (35 Miles)
Range (Pedal-Assist Mode)	Up to 88 KM (55 Miles)
Frame Material	Aluminum Alloy
Bike Weight	Approx. 27.6 kg (50 lbs)
Max Load Capacity	330 lbs
Gears	Shimano 7-Speed
Brake Type	Disc Brakes
Suspension	Front Fork Suspension
Wheel Size	26 Inches
Display	Color LCD Display
Special Features	USB Charging Port, Lightweight Design
Included Components	Electric Bike, Tool Kit, Charger, Manual



Bike Dimensions Diagram: Visual representation of key measurements including total length, wheelbase, standover height, and handlebar/saddle heights.

WARRANTY AND SUPPORT

The 5TH WHEEL Mate Electric Bike comes with a one-year service warranty covering the electric motor, battery, and charger. This e-bike has passed stringent UL 2849 testing, ensuring quality and safety. For any questions, technical support, or warranty claims, please contact our customer service team:
Email: service@ride5thwheel.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question