Vivi MT26GUL

Vivi Electric Bike User Manual

Model: MT26GUL

1. Introduction

Welcome to the world of green travel with your new Vivi Electric Bike. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your 26-inch commuter electric bike. Designed for adults, it features a powerful 750W peak motor, a 48V removable battery, and a 7-speed gear system, ensuring a comfortable and reliable riding experience for commuting and leisure.



Figure 1.1: Vivi Electric Bike (Black Model)

2. Safety Information

Your safety is paramount. Please read and understand all safety warnings and instructions before operating the Vivi Electric Bike. Always wear a helmet and appropriate safety gear. Ensure all components are correctly assembled and secured before each ride.

UL 2849 Certification

This electric bike has passed UL 2849 certification, a safety standard specifically for electric bicycles. This certification includes testing and verification of batteries, charging systems, motor controllers, and other electrical components, ensuring a reliable and safe product.



Figure 2.1: UL 2849 Certification for Vivi Electric Bikes. For more details, visit SGS Certification.

General Safety Guidelines:

- Always wear a helmet and appropriate safety gear.
- Perform a pre-ride inspection before each use.
- Obey all local traffic laws and regulations.
- Be aware of your surroundings and ride defensively.
- Do not ride under the influence of alcohol or drugs.
- Avoid riding in adverse weather conditions.

3. Parts List

Your Vivi Electric Bike comes partially assembled. The package includes the following main components:

- Main Bike Frame (with rear wheel, motor, battery compartment)
- Front Wheel
- Handlebar Assembly
- Seat Post and Saddle
- Pedals (Left and Right)
- Front Fender
- Front Headlight
- Front Bag (for battery)
- Tool Kit
- Charger

4. Assembly Instructions

The Vivi Electric Bike arrives approximately 90% assembled. Follow these steps carefully to complete the assembly. For a visual guide, please refer to the official installation video below.

Video 4.1: Installation of the Vivi Electric City Bike. This video provides a detailed visual guide for assembling your electric bike.

Step-by-Step Assembly:

1. **Handlebar Installation:**

   Carefully insert the handlebar stem into the fork tube. Ensure the handlebar is aligned straight with the front wheel. Tighten the stem bolts securely using the provided tools. (Refer to Video 4.1, 0:07)

2. **Front Brake Caliper Adjustment:**

   Before installing the front wheel, remove any protective spacers from the front brake caliper. Ensure the brake pads are clear and ready for the disc. (Refer to Video 4.1, 0:32)

3. **Front Wheel Attachment:**

   Align the front wheel with the fork, ensuring the brake disc slides smoothly into the caliper. Secure the wheel using the quick-release skewer or axle nuts, making sure it's centered and tight. (Refer to Video 4.1, 0:52)



Figure 4.1: Close-up of the front disc brake system.

4. **Front Fender Installation:**

   Attach the front fender to the fork using the designated mounting points. Secure the fender stays to the axle nuts for stability. (Refer to Video 4.1, 1:06 and 1:31)

5. **Seat Post and Saddle Adjustment:**

   Insert the seat post with the saddle into the frame's seat tube. Adjust the height to your comfort, ensuring your feet can

touch the ground when stopped. Secure the quick-release clamp firmly. (Refer to Video 4.1, 1:55)

6. **Pedal Installation:**

   Identify the left (L) and right (R) pedals. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise. Thread them carefully into the crank arms and tighten securely with a wrench. (Refer to Video 4.1, 2:06)

7. **Front Bag and Battery Connection:**

   Mount the front bag to the handlebar. Place the removable battery inside the bag and connect the power cable to the bike's main wiring harness. Ensure a secure connection. (Refer to Video 4.1, 2:19)



Figure 4.2: The 48V 374.4WH removable lithium battery, providing extended range.

5. Operating Instructions

Familiarize yourself with the controls and features of your Vivi Electric Bike for an optimal riding experience.

5.1. Powering On/Off and LCD Display

The bike is equipped with an LCD smart meter that allows you to control various functions and monitor your ride data.



Figure 5.1: LCD Display and handlebar controls.

- **Power On:** Press and hold the power button on the LCD display.
- **Power Off:** Press and hold the power button again.
- **Display Information:** The LCD shows speed, battery level, assist level, and mileage.

5.2. Riding Modes

Your Vivi Electric Bike offers 5 working modes to suit different riding preferences:

1. **E-bike Mode (Pure Electric):** Use the throttle for propulsion without pedaling.
2. **Assisted Bicycle Mode:** The motor provides assistance as you pedal. Adjust assist levels via the LCD display.
3. **Normal Bike Mode (Pure Pedal):** Ride the bike like a traditional bicycle with no motor assistance.
4. **Cruise Control Mode:** Maintain a constant speed without holding the throttle.
5. **Assist Push Mode:** Provides low-speed assistance for walking the bike.

Video 5.1: Vivi Electric Cruiser Bike in action, demonstrating various riding modes and features.

5.3. Gear Shifting

The bike features a professional 7-speed shifter for smooth gear changes, allowing you to adapt to different terrains and inclines.

- Use the shifter on the handlebar to change gears.
- Shift to lower gears for climbing hills and higher gears for flat terrain.

5.4. Braking System

The Vivi Electric Bike is equipped with dual disc brakes (front and rear) for reliable stopping power and enhanced safety.

- Apply both brake levers simultaneously for effective and balanced braking.
- Avoid sudden, hard braking, especially at high speeds.

6. Maintenance

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

6.1. Battery Care

- Charge the battery fully before the first use.
- Charge the battery regularly, even if not used frequently, to maintain its health.
- Avoid completely draining the battery.
- Store the battery in a cool, dry place.
- Use only the original charger provided.

6.2. Tire Pressure

- Check tire pressure before each ride.
- Maintain recommended tire pressure (usually indicated on the tire sidewall) for optimal performance and safety.

6.3. Brake Inspection

- Regularly inspect brake pads for wear and replace if necessary.
- Ensure brake levers are responsive and provide adequate stopping power.
- Check brake cables for fraying or damage.

6.4. General Cleaning

- Clean the bike regularly with a damp cloth.
- Avoid using high-pressure water jets directly on electrical components.
- Lubricate the chain periodically.

7. Troubleshooting

This section addresses common issues you might encounter with your Vivi Electric Bike.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Bike not powering on	Battery not connected or low charge	Ensure battery is securely connected and charged.
Motor not assisting	Assist level too low or motor connection issue	Increase assist level on LCD. Check motor cable connection.
Brakes feel weak	Worn brake pads or loose cable	Inspect and replace brake pads. Adjust brake cable tension.
Unusual noises during ride	Loose components or chain issues	Check all bolts and nuts. Lubricate chain.

8. Specifications

Detailed technical specifications for your Vivi Electric Bike (Model: MT26GUL).

Feature	Description
Bike Type	Commuting Bike, City bike
Motor	750W Peak High-Speed Brushless Motor (500W rated)
Top Speed	Up to 22 MPH
Battery	48V 374.4WH Removable Lithium Battery
Range (All-Electric)	22-25 miles
Range (Pedal-Assisted)	44-50 miles
Charging Time	4-6 hours (Fast-Charged)
Wheel Size	26 Inches
Frame Material	Carbon Steel
Gears	7 Speed
Brake Style	Disc (Front and Rear)
Suspension Type	Front Fork Shock Absorption
Display	LCD Smart Meter
Weight	55 Pounds
Maximum Weight Recommendation	265 Pounds
Recommended User Height	4'7" to 6'3" (55 inches minimum)
Certification	UL 2849 Certified



Figure 8.1: Details of the 750W Peak Motor.



A	Handlebar Height	109-112cm	43-44in
B	Total Length	172cm	68in
C	Wheel Height	71cm	29in
D	Seat plate height	74-89cm	29-35in

Figure 8.2: Key dimensions of the Vivi Electric Bike.



Figure 8.3: Front fork shock absorption system.

9. Warranty and Support

Vivi is committed to providing safe, reliable, and cost-effective electric bicycles. We value your experience and are here to assist you.

Customer Service:

- **Phone:** +1 888 639 8191
- **Working Hours:** 9:00 AM - 6:00 PM EST (Monday - Friday)

If you have any questions or concerns regarding your Vivi Electric Bike, please do not hesitate to contact our customer service team. We aim to reply within 24 hours.



Figure 9.1: Vivi Customer Service details.

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