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› VITILAN V3 Electric Bike Instruction Manual

VITILAN V3 2.0

VITILAN V3 Electric Bike Instruction Manual

Model: V3 2.0

INTRODUCTION

Thank you for choosing the VITILAN V3 Electric Bike. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference.



The VITILAN V3 Electric Bike, showcasing its foldable design and key accessories like the air pump.

SETUP AND INITIAL ASSEMBLY

Your VITILAN V3 Electric Bike arrives 95% pre-assembled. The remaining assembly steps are straightforward and typically involve attaching the handlebars, pedals, and adjusting the seat post. Ensure all components are securely fastened before riding.

Unfolding the Bike

1. Carefully remove the bike from its packaging.
2. Locate the main frame hinge and release the safety latch.
3. Unfold the frame until it locks into place. Ensure the locking mechanism is fully engaged.
4. Unfold the handlebar stem and secure it with its quick-release lever.
5. Insert the seat post and adjust it to your comfortable riding height, then secure the quick-release clamp.

Battery Installation and Charging

The 48V 13Ah (624WH) removable battery is designed for easy installation and security. For optimal performance, fully charge the battery before its first use.

- Insert the battery into its compartment on the frame. Ensure it clicks securely into place.
- Use the provided keys to lock the battery, preventing theft.
- Connect the charger to the battery charging port and then to a standard electrical outlet.
- The charging indicator light on the charger will change when the battery is fully charged (typically 5-6 hours).
- Disconnect the charger once charging is complete.



48V 13AH

REMOVABLE LITHIUM BATTERY

-  **30 Miles:**
Electric Mode
-  **50 Miles:**
PAS Mode
-  **Anti-theft:**
Battery Keys
-  **5-6H**
Charging Time

 **48V 13AH**
Large Capacity

 **30 Miles**
Range

 **Removable**
Battery Packs

 **2A Fast**
Charge Function

Detailed view of the 48V 13Ah removable lithium battery, highlighting its capacity and anti-theft features.

OPERATING THE ELECTRIC BIKE

The VITILAN V3 offers multiple riding modes and an intuitive LCD display for a versatile riding experience.

Riding Modes

Your e-bike supports various modes to suit different riding preferences and terrains:

- **Pure Electric Mode:** Engages the motor via throttle control only, no pedaling required. Ideal for effortless cruising.
- **PAS (Pedal Assist System) Mode:** Provides electric assistance as you pedal. Adjustable through 5 levels of assistance on the LCD display.
- **Cruise Control:** Maintains a set speed without continuous throttle input.
- **Pedal Mode:** Functions as a regular bicycle without electric assistance.
- **Walking Mode:** Provides low-speed assistance to help push the bike when walking alongside it.

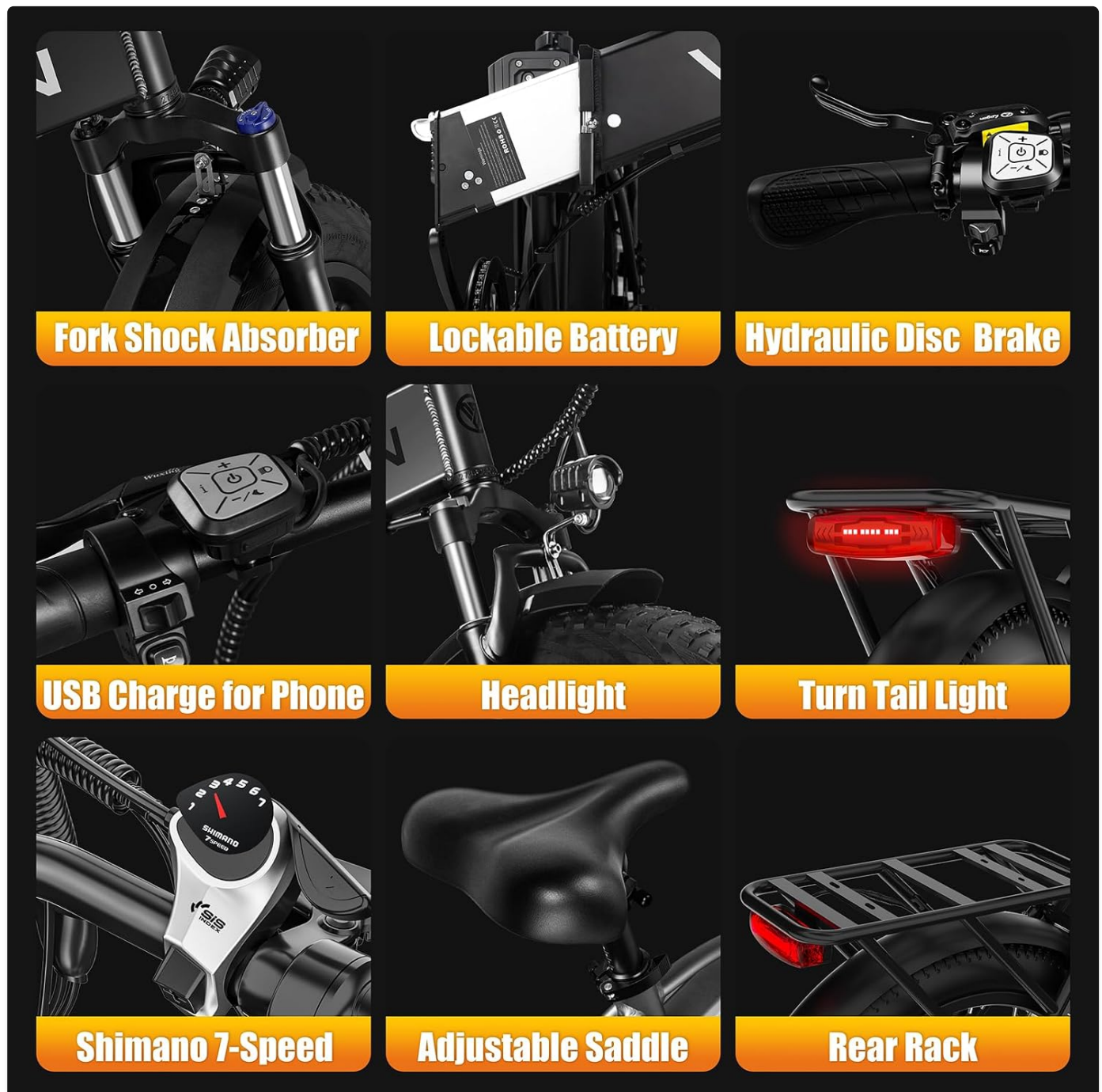


Illustration of the various riding modes available on the VITILAN V3 electric bike.

Intelligent LCD Display

The color LCD display provides real-time information about your ride:

- **Battery Level:** Indicates remaining battery charge.
- **Speed:** Displays current riding speed.
- **Mileage:** Tracks trip distance and total odometer.
- **Riding Mode:** Shows the currently selected pedal assist level or mode.
- **Headlight Status:** Indicates if the headlight is on or off.

The graphic compares two bicycle frame materials: Aluminum Alloy and Carbon Steel. It features a central 'VS' icon. The Aluminum Alloy side shows a teal frame with a list of benefits and a circular inset showing the material's cross-section. The Carbon Steel side shows a black frame with a list of drawbacks and a circular inset showing the material's cross-section.

ALUMINUM ALLOY	CARBON STEEL
Thick: 10mm	Thin: 5mm
Lightweight: 64lbs	Heavy: 75lbs
Maximum Load: 330LBS	Maximum Load: 220LBS
Hard: Anti-fracture	Vulnerable: Break & Bend
Safe: Corrosion Resistant	Unsafe: Rust & Corrode
Durable: 10+ Years	Not Durable: 1-2 Years

The multi-function color LCD display provides clear visibility of essential riding data.

Gears and Brakes

- **Shimano 7-Speed Gears:** Utilize the twist grip shifter to change gears, allowing you to adapt to different inclines and speeds.
- **Hydraulic Disc Brakes:** The front and rear hydraulic disc brakes provide strong, reliable stopping power. Always apply both brakes simultaneously for effective and safe braking.

Safety Features

- **Headlight and Taillight:** The integrated front headlight and rear taillight enhance visibility during night rides.
- **Wheel Reflectors:** Additional reflectors on the wheels improve side visibility.
- **Horn:** Use the horn to alert pedestrians or other riders of your presence.
- **USB Charging Port:** A convenient USB port allows you to charge your phone or other devices on the go.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VITILAN V3 Electric Bike.

- **Cleaning:** Regularly wipe down the frame and components with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Tire Pressure:** Check tire pressure before each ride. The 20" x 4.0" fat tires require specific pressure for optimal performance and comfort. Refer to the tire sidewall for recommended PSI.
- **Brake Inspection:** Periodically check brake pads for wear and ensure brake levers provide firm and responsive braking. Adjust or replace as necessary.
- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **Battery Care:** Store the battery in a cool, dry place. If storing for extended periods, charge it to 50-70% every 2-3 months to maintain battery health.
- **Fastener Check:** Regularly inspect all bolts and fasteners for tightness, especially on critical components like the handlebars, wheels, and folding mechanism.

TROUBLESHOOTING

This section addresses common issues you might encounter with your electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated; power cable loose.	Charge battery; ensure battery is fully inserted and locked; check all cable connections.
Motor not assisting	PAS level set to 0; brake levers engaged; motor cable loose.	Increase PAS level on display; ensure brake levers are fully released; check motor cable connection.
Brakes feel spongy or weak	Air in hydraulic lines; worn brake pads.	Bleed hydraulic brakes (professional service recommended); replace brake pads.
Unusual noises from drivetrain	Dry or dirty chain; misaligned derailleur.	Clean and lubricate chain; adjust derailleur (consult a bike mechanic if unsure).

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact VITILAN customer support.

SPECIFICATIONS

Key technical specifications for the VITILAN V3 Electric Bike:



20" X 4.0"

ALL TERRAIN FAT TIRE

Challenge a variety of terrain, not only can you ride farther, but also ride safer.



City Road



Beach Road



Gravel Road



Snow Road



20"*4"

- ✓ Chaoyang Tire
- ✓ Anti-slip
- ✓ Wear Resistant
- ✓ Puncture Resistant
- ✓ One Piece

VITILAN



20"*3"

- ✗ No Brand
- ✗ Non-slip
- ✗ Unwearable
- ✗ Puncture Prone
- ✗ Spoked Wheel

OTHER

The robust aluminum alloy frame of the VITILAN V3, designed for durability and lighter weight.

Feature	Detail
Model Name	V3 2.0
Bike Type	Electric Bike, Foldable
Age Range	Adult
Frame Material	6061 Aluminum Alloy
Motor	750W Brushless Rear Hub Motor (1200W Peak)

Feature	Detail
Torque	Up to 80NM
Battery	48V 13Ah (624Wh) Removable Lithium Battery
Charging Time	5-6 hours
Max Speed	28 MPH
Range (Pure Electric)	Up to 30 miles
Range (PAS Mode)	Up to 50 miles (flat road)
Gears	Shimano 7-Speed
Brakes	Hydraulic Disc Brakes
Wheel Size	20 Inches
Tires	20" x 4.0" All-Terrain Fat Tires (CST brand)
Suspension	Front Suspension Fork
Item Weight	64 lbs
Maximum Load Capacity	330 lbs
Folded Dimensions	41.34" x 30.51" (105cm x 77.5cm)
Included Components	Mudguard, Tool Kit

WARRANTY INFORMATION

The VITILAN V3 Electric Bike comes with a**1-year limited warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

The warranty does not cover:

- Normal wear and tear.
- Damage caused by improper assembly or maintenance.
- Damage due to accident, misuse, neglect, or unauthorized modifications.
- Damage from commercial use or rental.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or contact VITILAN customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact VITILAN customer support. Our team is

dedicated to providing professional consultation and after-sales service to ensure your satisfaction.

Please have your model name (V3 2.0) and purchase date ready when contacting support to expedite the process.

Note: No relevant product videos from the seller were available for embedding in this manual.

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

Answered questions about this manual

My VITILAN V3 2.0 electric bike will not turn on, and I suspect the controller is faulty. Where can I purchase a replacement?

If your VITILAN V3 2.0 electric bike does not power on, the manual suggests performing several troubleshooting steps before concluding the controller is faulty: Check the Battery: Ensure the battery is fully charged and properly...

[Read full answer](#)