

VITILAN T7 Pro

VITILAN T7 Pro Electric Bike User Manual

Model: T7 Pro

1. INTRODUCTION

Thank you for choosing the VITILAN T7 Pro Electric Bike. This manual provides essential information for the safe assembly, operation, and maintenance of your new electric bicycle. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.

The VITILAN T7 Pro is a powerful electric mountain bike designed for adults, featuring a 1000W motor (1600W peak), a top speed of 35 Mph, and a long-lasting 52V 20Ah Samsung battery. Its full suspension system and 26-inch fat tires provide a comfortable and stable riding experience across various terrains.



Figure 1: VITILAN T7 Pro Electric Bike

2. SAFETY PRECAUTIONS

- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations regarding electric bikes.
- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in extreme weather conditions.

3. SETUP AND ASSEMBLY

Your VITILAN T7 Pro electric bike comes 90% pre-assembled. Follow these steps to complete the assembly and prepare for your first ride.

3.1 Unboxing and Initial Preparation

Carefully remove the bike and all components from the packaging. Remove all protective wrapping and zip ties.

Video 1: Unboxing and Assembly Overview (0:07 - 0:23)

3.2 Handlebar Installation

Remove the head tube protection cover. Insert the handlebar stem into the fork and align it properly. Tighten the handlebar screws securely.

Video 2: Handlebar Installation (0:24 - 0:48)

3.3 Front Wheel Installation

Loosen the nuts and remove the fork retaining screws. Carefully align the fork with the axle in the center of the wheel. Install the safety washers and nuts, then tighten them securely.

Video 3: Front Wheel Installation (0:49 - 1:18)

3.4 Reflector and Headlight Installation

Attach the rear reflector to the seat post. Install the front headlight by breaking off the assembly that holds it, then securely attaching it to the bike frame and connecting the yellow power cord.

Video 4: Reflector and Headlight Installation (1:19 - 1:44)

3.5 Pedal Installation

Note the difference between the left (L) and right (R) pedals. Install them onto the crank arms, ensuring they are tightened correctly.

Video 5: Pedal Installation (1:45 - 2:00)

3.6 Initial Battery Charge

Before your first ride, fully charge the 52V 20Ah Samsung battery. The removable battery design allows for convenient charging both on and off the bike.

Video 6: Battery Charging (2:00 - 2:22)

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off and Pedal Assist Levels

Press and hold the switch to power on the display. The bike offers 1-5 levels of pedal assist. Adjust the level using the '+' and '-' buttons on the control panel.

Video 7: Display and Pedal Assist (2:23 - 2:32)

4.2 Throttle and Cruise Control

Engage the throttle for pure electric power. The bike also features a cruise control system that activates after 8 seconds of maintaining a consistent speed.

Video 8: Throttle and Cruise Control (2:49 - 2:58)

4.3 Headlight and Horn

Operate the headlight and horn using their respective switches on the handlebar for enhanced visibility and safety.

Video 9: Headlight and Horn Switches (2:33 - 2:39)

4.4 Gear Shifting

The bike is equipped with a SHIMANO 8-Speed Derailleur. Use the gear shifter to change gears according to terrain and desired speed.

Video 10: SHIMANO 8-Speed Derailleur (2:59 - 3:11)

4.5 Display Information and USB Charging

The smart LCD display provides real-time information such as battery level, current speed, speed mode, single mileage, total mileage, and ride time. It also includes a convenient USB charge port for your devices.

Video 11: Display Information and USB Charging (2:40 - 2:48, 3:12 - 3:16)

5. MAINTENANCE

5.1 Battery Care

Regularly charge your 52V 20Ah Samsung battery. Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery to prolong its lifespan.

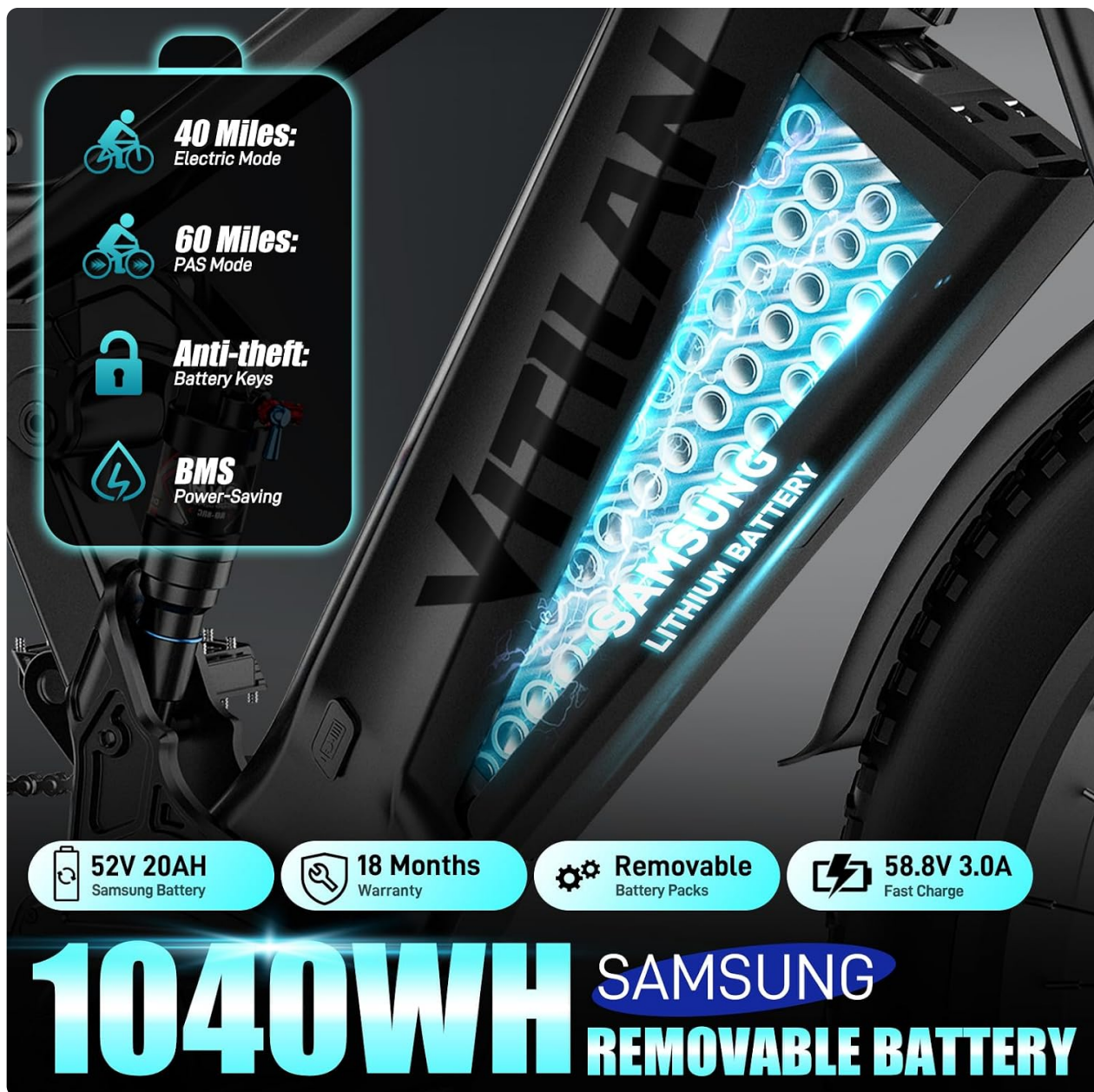


Figure 2: 52V 20Ah Samsung Battery

5.2 Brake Maintenance

The bike is equipped with TEKTRON Hydraulic Disc Brakes. Regularly check brake pads for wear and ensure proper brake fluid levels. If you notice any decrease in braking performance, have them inspected by a qualified technician.

TEKTRO HYDRAULIC BRAKES

Provide more sensitive and safer performance



Figure 3: TEKTRO Hydraulic Brakes

5.3 Tire Care

Maintain proper tire pressure for the 26-inch fat tires. Check for punctures or damage before each ride. Proper tire pressure ensures optimal performance and comfort.



26"×4.0" CST FAT TIRES

ALL TERRAIN FAT TIRE

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

VITILAN



- ✓ Good Quality
- ✓ CST Tires
- ✓ Anti-slip
- ✓ Wear Resistant
- ✓ Puncture Resistant

OTHER



- ✗ Poor Quality
- ✗ No Brand
- ✗ Non-slip
- ✗ Unwearable
- ✗ Puncture Prone

Figure 4: 26-inch Fat Tires

5.4 Suspension Adjustment

The bike features an adjustable UDING dual-crown air suspension fork and a DNM AO-8RC pneumatic shock absorber. Adjust the suspension settings to match your riding style and terrain for maximum comfort and control.

Video 12: Suspension Adjustment (3:17 - 3:20)



Figure 5: Full Suspension System

6. TROUBLESHOOTING

- **Bike not powering on:** Ensure the battery is fully charged and properly seated. Check all electrical connections.
- **Motor not assisting:** Verify the pedal assist level is set above 0. Check if the throttle is engaged. Ensure all motor connections are secure.
- **Brakes feel spongy:** This may indicate air in the hydraulic lines or worn brake pads. Professional service is recommended.
- **Unusual noises:** Inspect for loose components, chain issues, or debris in the drivetrain.
- **Display issues:** If the display is unclear or not functioning, ensure all connections are secure. Refer to the operating section for proper power-on procedure.

For issues not covered here, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Bike Type	Electric Bike
Motor	1000W (1600W Peak) BAFANG Motor, 90N.M Torque
Max Speed	35 Mph
Battery	52V 20Ah Samsung Battery (1040Wh)
Range	Up to 40 miles (electric mode) / 60 miles (PAS mode)
Frame Material	Aluminum
Suspension Type	Full Suspension (MOZO dual-crown hydraulic fork & DNM AO-8RC pneumatic shock absorber)
Brake Style	TEKTRO Hydraulic Disc Brakes (Dual 180mm)
Wheel Size	26 Inches (4-inch wide fat tires)
Number of Speeds	8 (Shimano 8-Speed Derailleur)
Max Weight Recommendation	400 lbs
Minimum User Height	64 Inches (5'4")
Assembly Required	Yes (90% pre-assembled)
UPC	799257868944

8. WARRANTY AND SUPPORT

The VITILAN T7 Pro Electric Bike comes with an**18-month warranty**. This warranty covers manufacturing defects and ensures peace of mind for your purchase.

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 refer to your purchase documentation for specific contact details or visit the official VITILAN website for support information.