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Viribus ATB-E026-WT

Viribus Electric Trike User Manual

Model: ATB-E026-WT

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Viribus Electric Trike. Please read this manual thoroughly before using the tricycle to ensure proper function and to prevent injury or damage.

The Viribus Electric Trike is a 26-inch electric tricycle designed for adults, featuring a 250W brushless motor and a 36V removable battery. It is equipped with a spacious rear basket, LED headlight, and an electric bell for enhanced user experience and safety.



Figure 1.1: Viribus Electric Trike (White)

2. SAFETY INFORMATION

Your safety is paramount. Adhere to all safety guidelines to prevent accidents and ensure a long lifespan for your electric trike.

- Always wear a helmet that meets safety standards when riding.
- Perform a pre-ride inspection before each use, checking brakes, tire pressure, and battery level.
- Familiarize yourself with local traffic laws and regulations regarding electric bicycles and tricycles.
- Do not operate the trike under the influence of alcohol or drugs.
- Ensure all components are securely fastened before riding.
- Be aware of your surroundings and ride defensively.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

Due to its size, your Viribus Electric Trike and its battery will arrive in two separate packages. Please ensure you have received both packages and all components listed below before beginning assembly.

- Electric Trike Frame and Wheels
- 36V Removable Battery
- Battery Charger
- Rear Basket
- LED Headlight
- Electric Bell
- Assembly Hardware and Tools (basic)
- User Manual (this document)

4. SETUP & ASSEMBLY

Assembly of the Viribus Electric Trike is required. While intuitive, some steps may require careful attention. It is recommended to have a metric wrench set and other basic bicycle tools available for optimal assembly.

4.1. Unpacking and Inspection

1. Carefully remove all components from the packaging.
2. Inspect all parts for any signs of damage during shipping. Contact customer support immediately if any damage is found.
3. Verify all listed package contents are present.

4.2. General Assembly Steps

1. **Frame Setup:** Position the main frame on a stable surface.
2. **Wheel Installation:** Attach the front wheel and the two rear wheels. Ensure all axles are properly

secured.

3. **Handlebar and Stem:** Install the handlebars into the stem and adjust to a comfortable height and angle. Pay close attention to cable routing to avoid pinching.
4. **Seat Post and Saddle:** Insert the seat post into the frame and attach the saddle. Adjust the seat height for comfortable pedaling.
5. **Fenders:** Attach the front and rear fenders. Some bending of tabs may be necessary for proper alignment.
6. **Rear Basket:** Assemble and securely attach the rear basket to the trike frame.
7. **Pedals:** Install the pedals, noting that they are typically left and right specific (L and R markings).
8. **Battery Installation:** Slide the 36V removable battery into its housing on the frame. Ensure it clicks securely into place.
9. **Accessory Installation:** Mount the LED headlight and electric bell onto the handlebars or designated areas.

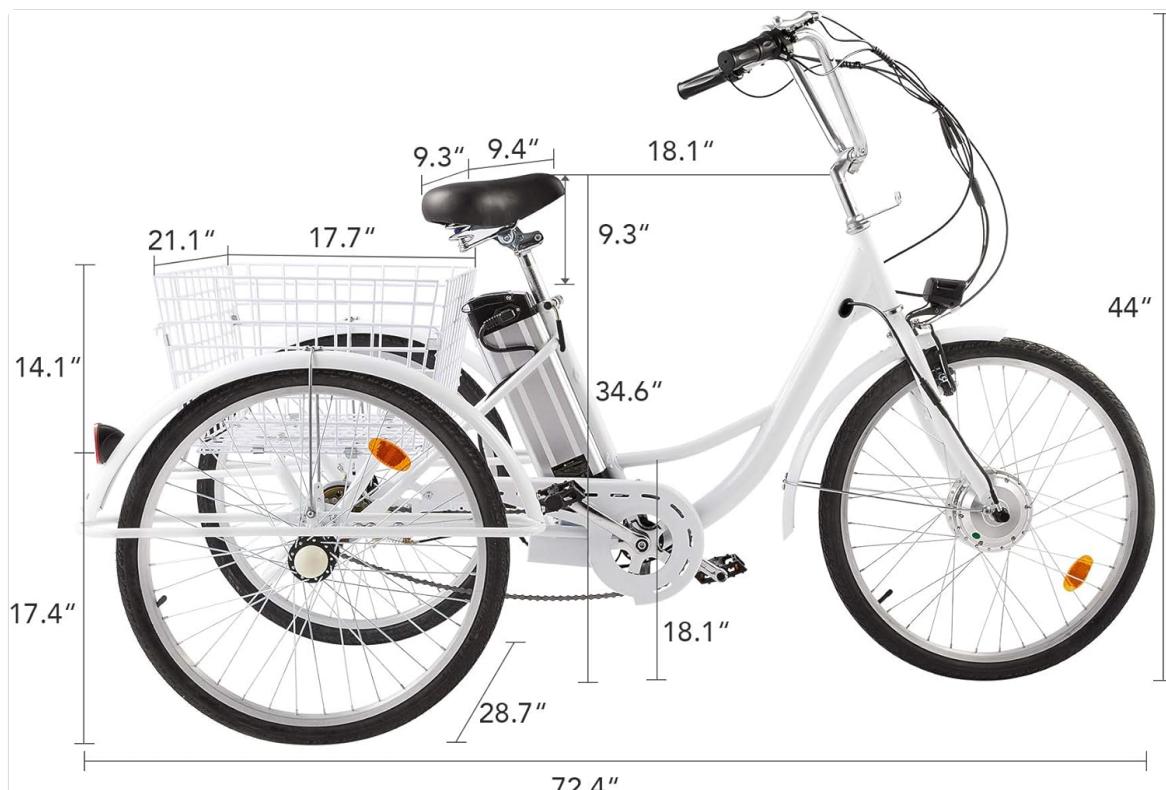


Figure 4.1: Electric Trike Dimensions for Assembly Reference

Note: No relevant assembly videos from the seller were found in the provided product data.

5. OPERATING INSTRUCTIONS

Understanding how to operate your electric trike will ensure a smooth and enjoyable ride.

5.1. Battery and Charging

The Viribus Electric Trike is powered by a 36V removable battery, allowing for convenient indoor charging.

- To remove the battery, unlock it with the provided key and slide it upwards from its housing.
- Connect the charger to the battery and then to a standard power outlet.
- A full charge typically takes approximately 5 hours from zero.

- The LCD display on the handlebars allows you to monitor the battery level at all times.



Figure 5.1: Removing the 36V Battery for Charging

5.2. Riding Modes

The trike offers three riding modes to suit your preference:

- **Electric Drive:** Utilizes the 250W brushless motor for full electric propulsion, reaching speeds up to 15.5 mph.
- **Pedal Assist (PAS):** The motor provides assistance as you pedal, making rides easier, especially uphill.
- **Manual Pedaling:** The motor is off, and you pedal the trike like a traditional bicycle.



LED HEADLIGHT



REAR REFLECTOR

Figure 5.2: Three Riding Modes

5.3. Controls and Features

- **Handlebar Controls:** The handlebars feature a battery display, non-slip grips, and buttons for the electric light and electric bell.
- **LED Headlight:** Activate the headlight for improved visibility in low-light conditions.
- **Electric Bell:** Use the electric bell to alert pedestrians and other riders of your presence.
- **Brakes:** The trike is equipped with drum brakes on each wheel for smooth and even stopping.



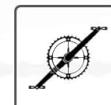
Figure 5.3: Handlebar Controls

FREELY SWITCH AMONG THREE RIDING MODES

ELECTRIC TRICYCLE



Electric Drive



Manual Pedaling

Figure 5.4: LED Headlight and Rear Reflector

6. MAINTENANCE

Regular maintenance will extend the life of your Viribus Electric Trike and ensure safe operation.

- **Tires:** Check tire pressure regularly and inflate to the recommended PSI (typically found on the tire sidewall).
- **Brakes:** Periodically inspect brake pads and cables for wear. Adjust brakes as needed to ensure effective stopping power.
- **Chain:** Keep the chain clean and lubricated to prevent rust and ensure smooth pedaling.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery frequently. Charge it regularly, even if not in use, to maintain battery health.
- **Frame:** The carbon steel frame is durable and designed for years of corrosion-free performance. Clean the frame with a damp cloth and mild soap. Avoid harsh chemicals.
- **Motor:** The 250W brushless motor is designed for low maintenance. Keep the motor area clean and free of debris.

250W STABLE FRONT HUB MOTOR

FUN AND EASY TO RIDE

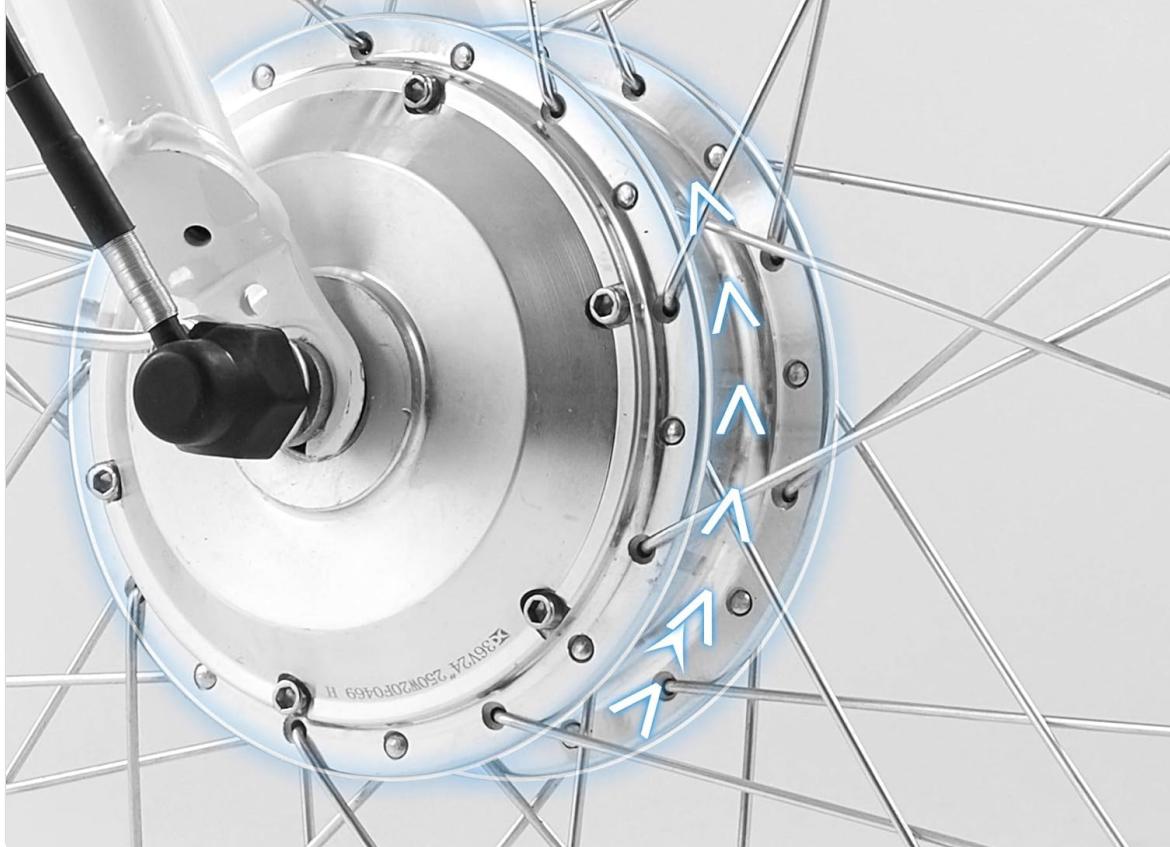


Figure 6.1: 250W Stable Front Hub Motor

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Viribus Electric Trike.

Problem	Possible Cause	Solution
Motor not engaging/Trike not powering on	Low battery, battery not properly seated, power switch off, loose electrical connection.	Charge battery fully. Ensure battery is securely locked in place. Check all electrical connections. Turn on the main power switch.
Brakes feel weak or are not stopping effectively	Brake cables need adjustment, worn brake pads.	Adjust brake cable tension. Replace worn brake pads. If unsure, consult a professional bicycle mechanic.
Handlebars slip or rotate	Stem bolts are not tightened sufficiently.	Ensure all stem bolts are tightened securely. Do not overtighten.

Problem	Possible Cause	Solution
Chain slips off	Chain tension incorrect, bent chainring/sprocket, pedaling backward.	Adjust chain tension. Avoid pedaling backward forcefully. Inspect chainring and sprockets for damage.
Unusual noises during operation	Loose components, lack of lubrication, misaligned parts.	Inspect all bolts and connections for tightness. Lubricate chain and moving parts. Check for any rubbing components (e.g., fenders).

If you encounter issues not listed here or are unable to resolve a problem, it is recommended to contact Viribus customer support or consult a qualified bicycle repair shop.

8. SPECIFICATIONS

Detailed technical specifications for the Viribus Electric Trike.

Feature	Specification
Model Name	ATB-E026-WT
Bike Type	Electric Bike (Tricycle)
Age Range	Adult
Brand	Viribus
Number of Speeds	1
Color	White
Wheel Size	26 Inches
Frame Material	Carbon Steel
Suspension Type	Rigid
Special Feature	Basket, Electric
Included Components	Basket, Battery, Charger
Brake Style	Drum
Specific Uses For Product	Road
Item Weight	70.5 Pounds
Power Source	Electric
Wattage	250W

Feature	Specification
Wheel Material	Carbon Steel
Lithium Battery Energy Content	360 Watt Hours (36V 10Ah)
Maximum Weight Recommendation	220 Pounds
Assembly Required	Yes
Date First Available	July 10, 2020

9. WARRANTY & SUPPORT

Viribus is committed to providing quality products and customer satisfaction.

9.1. Warranty Information

The Viribus Electric Trike comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship. It does not cover damage due to misuse, accidents, normal wear and tear, or unauthorized modifications.

9.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact Viribus customer support. Refer to your purchase documentation for specific contact details.

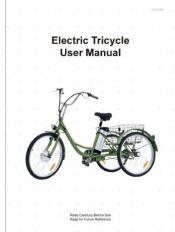
You can also visit the official Viribus store for more information and support resources:[Viribus Store](#)

A PDF version of the user manual is also available for download:[User Manual \(PDF\)](#)

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Related Documents - ATB-E026-WT

	<p>Viribus Electric Tricycle User Manual: Assembly, Operation, and Maintenance</p> <p>Comprehensive user manual for the Viribus Electric Tricycle (Model AAE-1). Covers safety information, detailed assembly instructions with diagrams, operation of pedal assist and throttle controls, charging procedures, and maintenance guidelines.</p>
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	<p><u>Viribus Electric Tricycle User Manual: Assembly, Operation, and Maintenance Guide</u></p> <p>A comprehensive guide for the Viribus Electric Tricycle, detailing assembly steps, safety precautions, operational modes (PAS, throttle), charging procedures, and maintenance tips for optimal performance and longevity.</p>
	<p><u>Viribus 7-Speed Adult Tricycle User Manual</u></p> <p>Comprehensive user manual for the Viribus 7-Speed Adult Tricycle (Model ABR-2). Includes detailed safety guidelines, a complete parts list and diagram, step-by-step assembly instructions, maintenance advice, and contact information.</p>
	<p><u>7-Speed Adult Tricycle User Manual - Assembly, Safety, and Maintenance Guide</u></p> <p>Comprehensive user manual for the Viribus 7-Speed Adult Tricycle, covering step-by-step assembly instructions, essential safety guidelines, regular maintenance tips, and troubleshooting.</p>
	<p><u>Viribus Adult Tricycle User Manual</u></p> <p>Comprehensive user manual for the Viribus Adult Tricycle, covering safety information, package contents, parts diagram, assembly instructions, folding, speed gearing adjustment, and maintenance.</p>
	<p><u>Viribus Women's Comfort Bike User Manual</u></p> <p>User manual for the Viribus Women's Comfort Bike, providing detailed instructions on safety, product diagram, package list, assembly, tips, and maintenance. Includes model variants and contact information.</p>

Documents - Viribus – ATB-E026-WT

Electric Tricycle
User Manual



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Keep for Future Reference

[\[pdf\]](#) User Manual Specifications

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