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ANCHEER AMAK00013

ANCHEER Electric Bike User Manual

Model: AMAK00013

1. Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your ANCHEER Electric Bike, Model AMAK00013. Please read this manual thoroughly before your first ride and keep it for future reference. This electric bike is designed for adult use and is UL2849 Compliant, ensuring high safety standards.



Figure 1: ANCHEER Electric Bike (Model AMAK00013)

2. Safety Guidelines

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Adhere to all local traffic laws and regulations.

2.1 General Safety

- Perform a pre-ride inspection before each use, checking brakes, tires, and battery level.
- Ensure all quick releases and fasteners are securely tightened.
- Do not ride under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Avoid riding in adverse weather conditions or on slippery surfaces.

2.2 Battery Safety

The 48V 10.4Ah lithium-ion battery is UL 2271 certified. Handle with care.

- Only use the charger provided by ANCHEER.
- Do not expose the battery to extreme temperatures or direct sunlight.
- Do not puncture, drop, or disassemble the battery.
- Keep the battery away from children and pets.
- If the battery is damaged or shows signs of overheating, discontinue use immediately and contact support.



Figure 2: 48V 10.4Ah Removable Battery, UL 2271 Certified

2.3 Braking System

The bike is equipped with mechanical front and rear disc brakes for reliable stopping power. Regularly check brake pads and cables for wear and proper function.

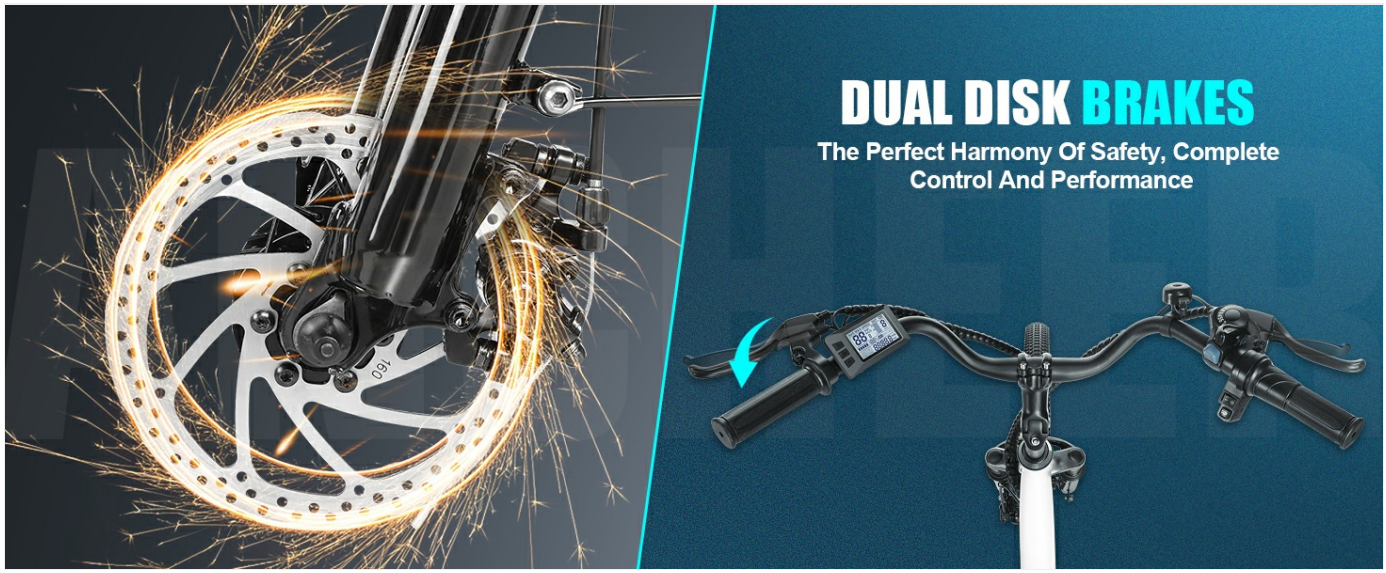


Figure 3: Dual Disc Brakes for Enhanced Safety

3. Product Features

The ANCHEER Electric Bike combines comfort and performance for an enjoyable riding experience.

3.1 Motor and Power

Equipped with a 350W brushless motor, providing a top speed of 19.8 mph and sufficient power for daily commuting and varied terrain.



Figure 4: 350W Brushless Motor

3.2 Riding Modes

The bike offers four distinct riding modes:

- **Throttle Mode (E-bike)**: Provides power without pedaling.
- **Pedal-Assist Mode**: Motor assists your pedaling effort (5 levels).
- **Normal Bike Mode**: Ride like a traditional bicycle with no motor assistance.
- **Booster Mode (Walk Assist)**: Provides low-speed assistance for walking the bike.



Figure 5: Four Working Modes

3.3 Ergonomic Design

Features a lightweight, durable low-step aluminum frame for easy mounting and dismounting. The swept-back handlebar and wide, cushioned seat promote an upright, comfortable riding posture. Front fork suspension and shock absorption springs under the seat enhance ride comfort.



Figure 6: Ergonomic Seat and Suspension

3.4 Adjustable Handlebar

The handlebar height is adjustable to suit rider preferences and ensure optimal comfort.

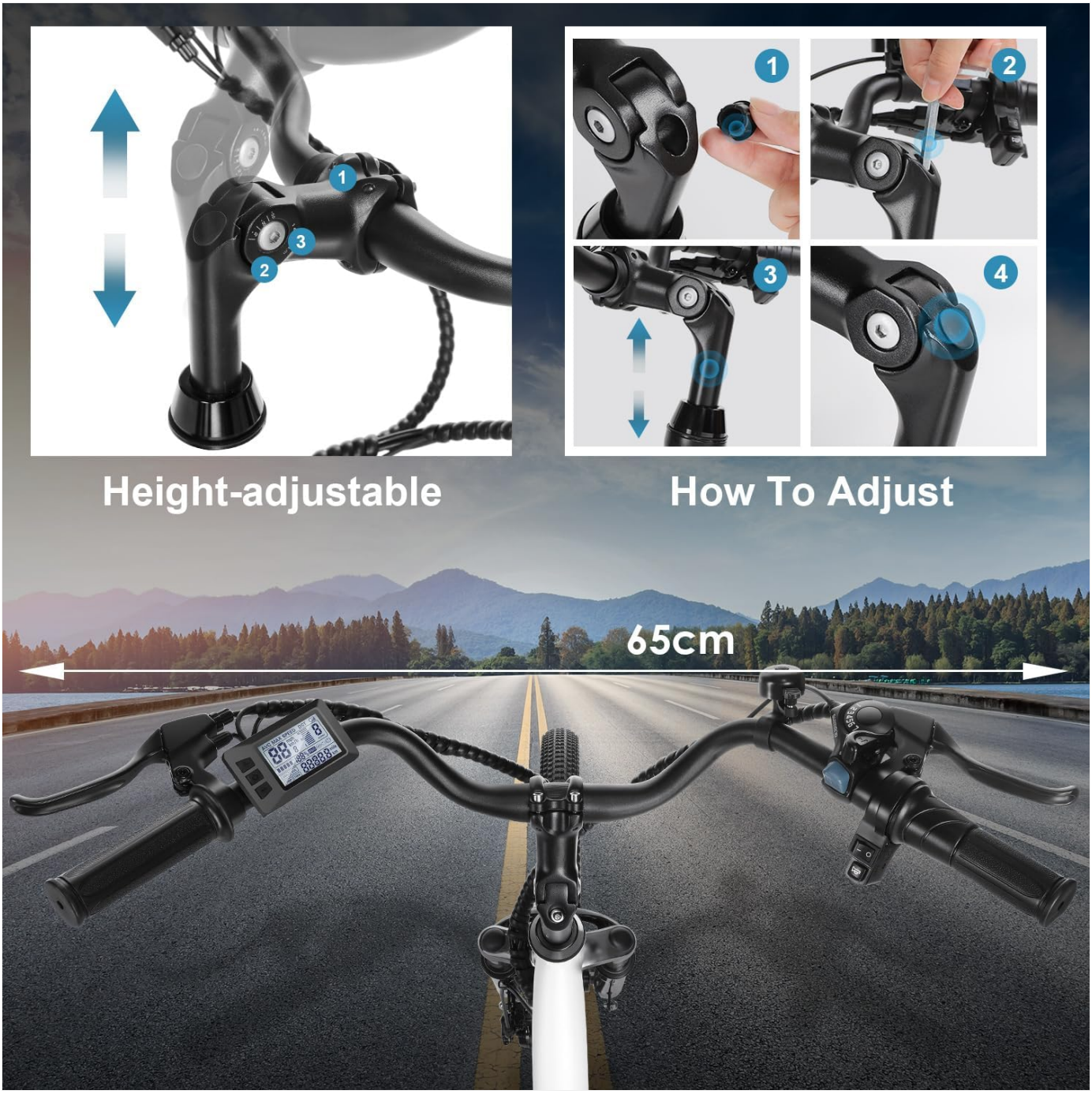


Figure 7: Handlebar Height Adjustment

3.5 LCD Display

An intuitive LCD display shows key riding statistics including battery level, current speed, assist levels, mileage, and allows for cruise control activation.

3.6 Lighting

High-intensity front light and red tail light are included for improved visibility during low-light conditions or nighttime riding.

4. Assembly and Setup

Your ANCHEER Electric Bike comes mostly pre-assembled. Follow these steps for final assembly.

4.1 Unpacking

- Carefully remove the bike and all components from the packaging.

- Check for any shipping damage or missing parts.

4.2 Front Wheel Installation

Install the front wheel onto the fork. Ensure the disc brake rotor is correctly aligned within the caliper.

Your browser does not support the video tag.

Video 1: ANCHEER 26" Step-thru Commuter Ebike Assembly Guide. This video demonstrates the assembly process, including front wheel installation.

4.3 Handlebar and Seat Adjustment

- Adjust the handlebar to a comfortable height and angle (refer to Figure 7).
- Adjust the seat post height to ensure your feet can comfortably touch the ground when stopped.

4.4 Pedal Installation

- Identify the left (L) and right (R) pedals.
- Thread the pedals into the crank arms. The left pedal tightens counter-clockwise, and the right pedal tightens clockwise.
- Tighten securely with a wrench.

4.5 Battery Installation and Initial Charge

- Install the battery securely onto the rear rack.
- Fully charge the battery before its first use (approximately 3.5 hours for a full charge).

5. Operation

5.1 Powering On/Off

Press and hold the power button on the LCD display to turn the bike on or off.

5.2 Selecting Riding Modes

Use the control buttons on the handlebar to switch between Throttle, Pedal-Assist (adjust levels), and Normal Bike modes. Long press the "-" button to activate Booster (Walk Assist) mode.

5.3 Cruise Control

To activate cruise control: When riding at a speed of 6 mph or more, long press the "-" button. The bike will maintain the current speed without throttle input. To deactivate, apply the brakes or twist the throttle again. Use with caution and awareness of road conditions.

5.4 Gear Shifting

The 7-speed transmission system allows you to adjust your pedaling effort to various terrains. Use the trigger shifter on the handlebar to change gears smoothly.



Figure 8: 7-Speed Shifter and Brake Lever

6. Battery Care and Charging

6.1 Charging the Battery

- Connect the charger to the battery charging port, then plug it into a standard wall outlet.
- The indicator light on the charger will show charging status (typically red for charging, green for fully charged).
- Do not overcharge the battery; disconnect once fully charged.

6.2 Battery Storage

- If storing the bike for an extended period, charge the battery to 50-70% and store it in a cool, dry place.
- Recharge the battery every 1-2 months to maintain its health.

7. Maintenance

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

7.1 Cleaning

- Wipe the bike with a damp cloth. Avoid high-pressure washing, especially near electrical components.
- Do not immerse electrical parts in water.

7.2 Tire Pressure

Maintain recommended tire pressure (usually indicated on the tire sidewall) for optimal performance and safety.

7.3 Brakes and Gears

- Regularly check brake pads for wear and replace as needed.
- Ensure brake levers and cables are functioning smoothly.
- Keep the chain clean and lubricated.

7.4 Fasteners

Periodically check all bolts and nuts for tightness, especially on critical components like the handlebars, seat post, and wheels.

8. Troubleshooting

This section addresses common issues you might encounter.

8.1 No Power

- Check if the battery is fully charged and properly installed.
- Ensure all electrical connections are secure.

8.2 Motor Not Assisting

- Verify that Pedal-Assist mode is selected and the assist level is not set to zero.
- Check if the brake levers are fully released, as some systems cut motor power when brakes are applied.

8.3 Brakes Squealing or Ineffective

- Inspect brake pads for wear or contamination.
- Ensure brake calipers are properly aligned with the disc rotor.

For issues not covered here, or if problems persist, please contact ANCHEER customer support.

9. Specifications

Feature	Specification
Bike Type	Electric Bike
Model Number	AMAK00013
Age Range	Adult

Feature	Specification
Motor Wattage	350 watts
Battery	48V 10.4Ah (499Wh) Removable Lithium-ion, UL 2271 Certified
Max Speed	19.8 mph
Max Range	Up to 45 miles (Pedal Assist Mode)
Charge Time	3.5 hours (Full Charge)
Number of Speeds	7
Wheel Size	26 inches
Frame Material	Aluminum
Suspension Type	Front
Brake Style	Disc (Front & Rear)
Item Weight	61 pounds
Maximum Weight Recommendation	265 pounds
Included Components	Bell, Charger, Electric Bike, Kickstand

10. Warranty and Support

10.1 Warranty Information

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

10.2 Customer Support

For technical support, warranty claims, or any questions regarding your ANCHEER Electric Bike, please contact ANCHEER customer service. We provide lifelong technical support and update services.

You can find contact information on the official ANCHEER website or through your purchase platform.

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.

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