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› ANCHEER Electric Tricycle User Manual - Model AMAK00045

ANCHEER AMAK00045

ANCHEER Electric Tricycle User Manual

Model: AMAK00045

1. IMPORTANT SAFETY INFORMATION

Read this manual thoroughly before operating your ANCHEER Electric Tricycle. Failure to follow instructions can result in serious injury or product damage. Always wear a helmet and appropriate safety gear.

- **Pre-Ride Check:** Before each ride, inspect brakes, tire pressure, battery charge, and ensure all quick releases and fasteners are secure.
- **Traffic Laws:** Obey all local traffic laws and regulations.
- **Visibility:** Use lights and reflectors, especially during low-light conditions.
- **Weight Limits:** Do not exceed the maximum weight capacity of 265 lbs for the seat and 220 lbs for the rear basket.
- **Weather Conditions:** Exercise caution when riding in wet or slippery conditions.
- **Battery Safety:** Do not attempt to open or modify the battery pack. Charge the battery in a well-ventilated area away from flammable materials.

2. SETUP AND INITIAL ASSEMBLY

Your ANCHEER Electric Tricycle arrives approximately 80% pre-assembled. Basic assembly is required before first use. A step-by-step assembly video is typically available on the product page for visual guidance.

2.1 Unpacking

Carefully remove all components from the packaging. Retain packaging materials for future transport or storage.

2.2 Required Tools

Standard bicycle assembly tools are generally sufficient, including wrenches and hex keys. These are often included with the tricycle.

2.3 Assembly Steps (General)

1. Attach the handlebars and secure them.
2. Install the front wheel.
3. Attach the pedals.
4. Install the seat post and saddle.
5. Mount the rear basket.
6. Connect any remaining electrical cables, ensuring they are securely fastened and not pinched.

2.4 Initial Battery Charge

Fully charge the 48V 499Wh lithium battery before the first ride. Charging typically takes 4-5 hours. The battery can be charged while installed on the tricycle or removed for convenience.



Image: The ANCHEER Electric Tricycle in black, showcasing its overall design and rear basket.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Locate the power button on the control panel, typically near the handlebar. Press and hold to turn the tricycle on or off.

3.2 Digital LCD Display

The digital LCD display provides essential riding information:

- **Battery Level:** Indicates remaining battery charge.
- **Assist Level:** Shows the current pedal assist level (0-5).
- **Speed:** Current riding speed.
- **Mileage:** Trip distance and total odometer.
- **Voltage:** Battery voltage.
- **Fault Alert:** Displays error codes for troubleshooting.



Image: Close-up of the digital LCD display on the handlebar, showing various ride metrics.

3.3 Riding Modes and Pedal Assist

The tricycle features 6 riding modes:

- **Level 0:** Manual pedaling only, no electric assistance.
- **Levels 1-5:** Pedal assist modes, providing increasing levels of motor assistance as you pedal.
- **Full Electric Mode:** Engage the throttle for motor-only propulsion without pedaling.

Adjust the assist level using the '+' and '-' buttons on the control panel.

3.4 Cruise and Boost Functions

- **Cruise Control:** Activates when riding above 6 MPH. Press the '-' button to engage.
- **Boost Mode:** Engages at 1.9 MPH with a long press of the '-' button, providing an initial boost for easy starts.

3.5 7-Speed Gear System

The 7-speed gear system allows you to adjust pedaling resistance for various terrains. Use the twist grip shifter on the handlebar to change gears.

7 -SPEED TRICYCLE GEARS

The 7-speed system allows riders to adjust the pedaling resistance for climbing hills, cruising on flat roads, or speeding downhill.

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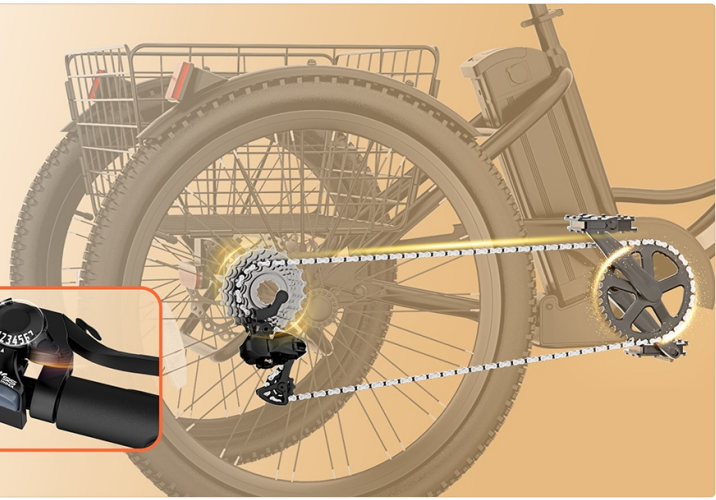


Image: Illustration of the 7-speed gear system and twist shifter.

3.6 Braking System

The tricycle is equipped with front and rear mechanical disc brakes. Both brakes have a parking function to secure the tricycle when stationary, especially on uneven ground or inclines.

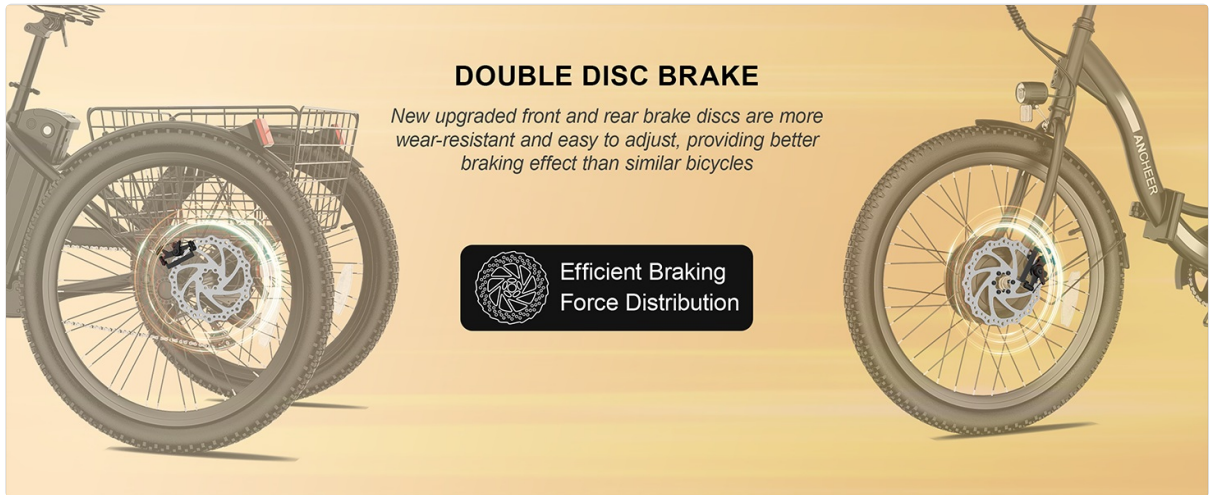


Image: Visual representation of the dual disc brake system for efficient stopping power.

3.7 Rear Speed Differential System

The rear speed differential system adjusts the speed difference between the two rear wheels, enhancing control and stability, particularly during turns. This design helps prevent rollovers common with tricycles lacking this feature.

REAR SPEED DIFFERENTIAL SYSTEM

Adjust the speed difference between two rear wheels to enhance control and stability

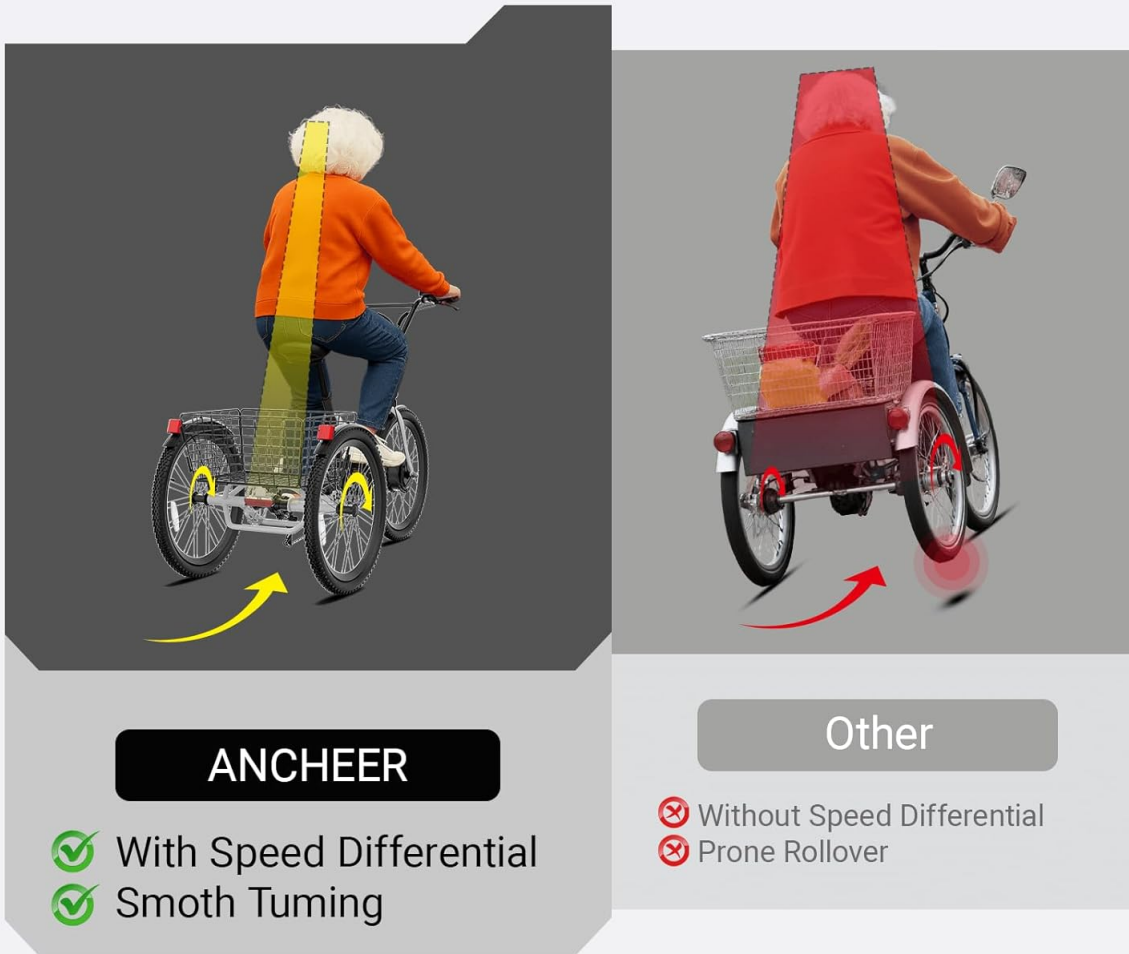


Image: Diagram illustrating the stability benefits of the rear speed differential system compared to a standard tricycle.

4. MAINTENANCE

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

- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Store the battery in a cool, dry place. The 499Wh battery is IP65 waterproof rated, but avoid submerging it.
- **Brake Inspection:** Check brake pads and cables regularly for wear and proper function. Adjust as needed.
- **Tire Pressure:** Maintain recommended tire pressure for optimal performance and safety.
- **Chain Lubrication:** Keep the chain clean and lubricated to prevent rust and ensure smooth gear changes.
- **General Cleaning:** Clean the tricycle with a damp cloth. Avoid high-pressure washing directly on electrical components.
- **Fastener Check:** Periodically check all bolts, nuts, and quick releases for tightness.

5. TROUBLESHOOTING

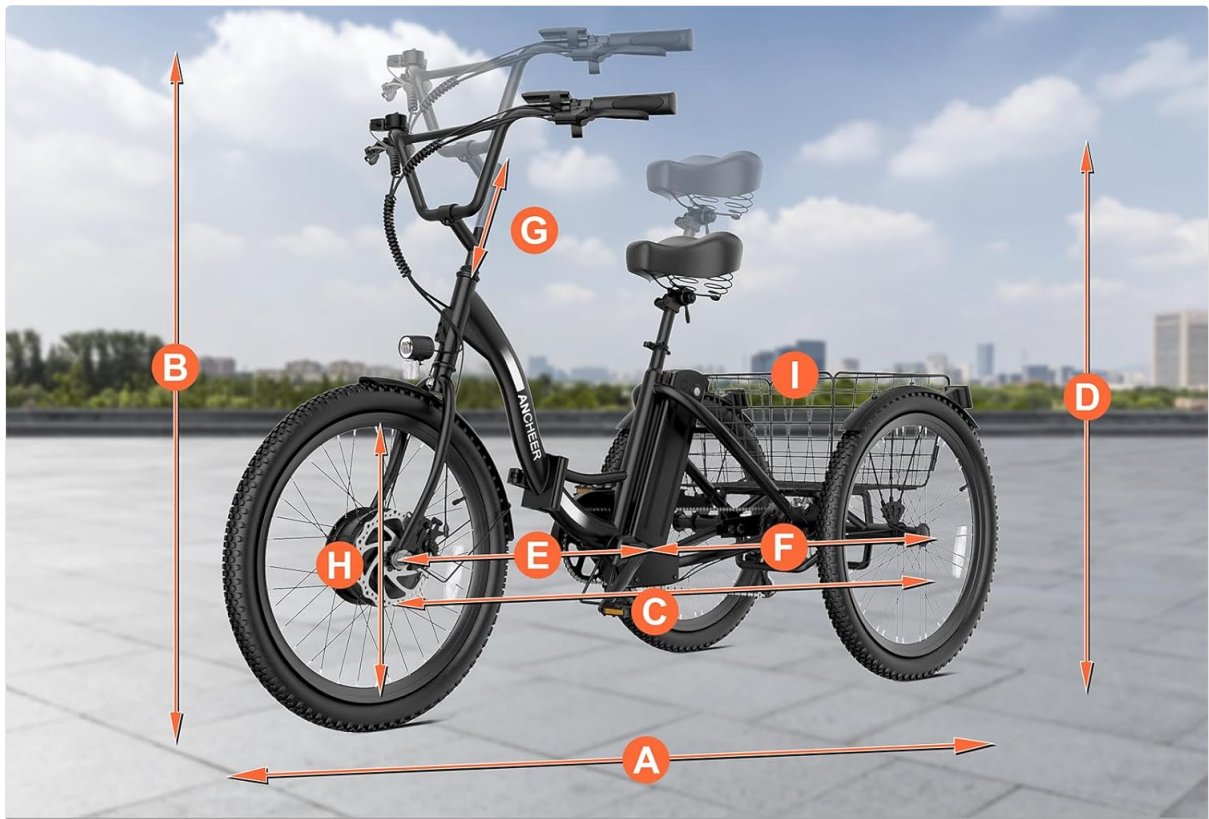
If you encounter issues, refer to the following common problems and solutions. For complex issues, contact ANCHEER customer support.

- **Tricycle Does Not Power On:**
 - Check if the battery is properly installed and charged.
 - Ensure the power button is pressed and held correctly.
- **Motor Not Assisting:**
 - Verify the pedal assist level is set above 0.
 - Check battery charge level.
 - Ensure all motor connections are secure.
 - Look for error codes on the LCD display.
- **Brakes Not Effective:**
 - Inspect brake pads for wear.
 - Check brake cable tension and adjust if necessary.
 - Ensure disc rotors are clean and free of oil.
- **Unusual Noises:**
 - Inspect the chain for proper lubrication and tension.
 - Check for loose components or rubbing parts.

The digital LCD display can show error codes. Consult the ANCHEER support resources for a detailed list of error codes and their corresponding solutions.

6. SPECIFICATIONS

Model Name	AMAK00045
Brand	ANCHEER
Bike Type	Electric Tricycle
Age Range	Adult
Motor	350W Brushless (Peak 650W), 45 N·m Torque
Battery	48V 499Wh Removable Lithium Battery
Charging Time	4-5 Hours
Max Speed	15.5 MPH
Max Range (PAS)	50-55 Miles
Wheel Size	24 Inches
Number of Speeds	7
Brake Style	Mechanical Disc (Front & Rear with Parking Function)
Frame Material	Iron
Suspension Type	Rigid (Dual Shock Absorbers)
Max Load Capacity (Seat)	265 lbs
Max Load Capacity (Rear Basket)	220 lbs
Waterproof Grade	IP65
Certification	SGS certified to UL2849 standard



	A Total Length 68.9"	E Front Wheelbase 24.4"
	B Handlebar Length 44"	F Rear Wheelbase 21.7"
C Wheelbase 46"	G Head Tube Length 6.7"	H Wheel Diameter 24"
D Seat Height 31-36.2"	I Basket Size 21*17*9.8"	
5'2"-6'5" Recommended Height	265 LBS Load Capacity	220 LBS Rear Basket Capacity

Image: Detailed dimensions and load capacities of the tricycle.

7. WARRANTY AND SUPPORT

ANCHEER provides the following support for your electric tricycle:

- **Warranty:** 1-year warranty on the motor, battery, and other key components.
- **Technical Support:** Lifetime technical support is available from ANCHEER.
- **Certification:** The tricycle is SGS certified to the UL2849 standard, ensuring compliance with safety requirements for electric bicycles.

For warranty claims, technical assistance, or any product-related inquiries, please contact ANCHEER customer support through their official channels or the retailer where the product was purchased.

Visit the ANCHEER Store for more information and support resources.