

## ANCHEER AMAK00045

# ANCHEER Electric Tricycle User Manual

Model: AMAK00045

Brand: ANCHEER

## 1. INTRODUCTION

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Thank you for choosing the ANCHEER Electric Tricycle. This manual provides essential information for the safe assembly, operation, and maintenance of your new tricycle. Please read it thoroughly before your first ride and keep it for future reference.



Image 1: The ANCHEER Electric Tricycle, a 24-inch folding three-wheel electric bike with a rear basket, shown in black.

## 2. SAFETY GUIDELINES

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- Always wear a helmet and appropriate safety gear when riding.
- Familiarize yourself with local traffic laws and regulations.
- Perform a pre-ride safety check before each use, including brakes, tires, and battery.
- Do not ride under the influence of alcohol or drugs.
- Ensure the tire pressure reaches 40 psi before riding.
- The tricycle supports up to 265 lbs (seat) and 220 lbs (rear basket). Do not exceed these limits.
- Utilize the two parking brakes to ensure a reliable hold when parked on uneven ground or inclines.

### 3. PRODUCT OVERVIEW

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The ANCHEER Electric Tricycle is designed for adults, featuring a 350W brushless motor (peak 600W) and a 48V 499Wh removable battery. It offers versatile riding modes and enhanced safety features for commuting and recreational rides.

#### Key Components:

- Frame (Aluminum)
- Motorized Front Wheel
- Rear Wheels
- Rear Fenders
- Rear Basket Frame
- Front Fender
- Charger
- Bell
- Saddle
- Pedals
- Digital LCD Display
- Front and Rear Mechanical Disc Brakes
- 7-Speed Gear System
- Headlight, Taillights, and Reflectors

### **Digital LCD Display**

Battery level, 5 assist levels  
Mileage, voltage, and speed



### **Double Disc Brake**

Ensure balanced braking performance on both the front and rear wheels, enhancing overall efficiency.



### **7-Speed Tricycle Gears**

Provides multiple gear options, enabling you to select the optimal gear for climbing steep slopes up to 15°



### **Three-layer Thick Seat**

Sponge material and ergonomic arc design make it more comfortable



Image 2: Detailed view of the tricycle's control panel, braking system, gear mechanism, and seat design.

## **4. SETUP AND ASSEMBLY**

The ANCHEER Electric Tricycle is 80% pre-assembled. Please follow these steps for final assembly:

### **Assembly Video Guide:**

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Video 1: ANCHEER 24" Electric Tricycle Unboxing and Assembly Guide. This video provides a step-by-step visual guide for assembling your tricycle.

### **Step-by-Step Assembly:**

1. **Install the Stem:** Insert the handlebar stem into the front fork tube and tighten the bolt securely.
2. **Connect the Rear Axle to the Frame:** Remove the protective rod from the rear axle connection points. Align the rear axle with the frame and insert the bolts. Tighten the four screws securely using a wrench

and hex key.

3. **Install the Rear Tires:** Remove the protective tape from the rear axle. Slide the rear tires onto the axle, ensuring proper alignment. Secure them by tightening the nuts.
4. **Rear Brake Installation:** Clamp the rear brake caliper onto the brake disc. Align the screws and twist them by hand, then lock them securely with a tool. Connect the brake cable.
5. **Front Fender and Front Light Installation:** Remove the protective rod from the front fork. Attach the front fender to the front fork using the provided screws and tools. Install the front light onto the fender.
6. **Front Wheel Installation:** Carefully place the front wheel into the front fork, ensuring the brake disc aligns with the caliper. Secure the wheel by tightening the nuts on both sides of the axle.
7. **Motor Cable Installation:** Connect the motor cable, ensuring the connectors are fully engaged and secured. Use a cable tie to manage the cable neatly.
8. **Connect the Light Cable:** Connect the front light cable to the main wiring harness, ensuring a secure connection.
9. **Chain Installation:** Carefully route the chain around the front chainring and the rear cassette. Ensure it is properly seated on all gears.
10. **Derailleur Installation:** Press the shift button to adjust the transmission to "7". Lift up the transmission on the rear axle and connect the transmission hook.
11. **Rear Fender Installation:** Attach the rear fender to the frame. Adjust the fender to maintain a certain gap with the rear wheel for optimal clearance. Insert two screws in the middle and one screw at each end to secure it.
12. **Basket Installation:** Assemble the rear basket by connecting its sides. Secure the basket to the rear rack using the provided bolts and tools.
13. **Cushion Installation:** Install the seat cushion onto the seat post and adjust its height and angle for comfort.
14. **Pedal Installation:** Identify the "R" (Right) and "L" (Left) pedals. Twist the "R" pedal clockwise into the right crank arm and the "L" pedal counter-clockwise into the left crank arm. Tighten them securely with a tool.
15. **Install the Bell:** Attach the bell to the handlebar in a comfortable and accessible position.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Battery Wake-up

To activate the battery, insert the key into the battery lock and turn it to the 'ON' position. Press the power button on the battery to wake it up. The battery level indicator will light up.

### 5.2 LCD Display Operation

The LCD display provides essential riding information and control over the tricycle's electric functions.

- **Power On/Off:** Press the power button on the display to turn the tricycle on or off.
- **Adjust Assist Level:** Use the "+" and "-" buttons to cycle through the 5 pedal assist levels (L1-L5). Level 0 is manual pedaling.
- **Headlight Control:** Long press the "+" button to turn the headlight on or off.

- **Walk Push Mode:** Long press the "-" button to activate walk push mode, which moves the tricycle slowly forward (1.9 MPH) for easy maneuvering.



Image 3: The digital LCD display showing various riding data and control buttons.

### 5.3 Riding Modes and Functions

- **7-Speed Gear System:** Utilize the 7-speed gear system to adjust pedaling resistance for different terrains, from climbing hills to cruising on flat roads.
- **Pedal Assist (PAS):** Provides electric assistance while pedaling, with 5 levels of support.
- **Full Electric Mode:** Engage the throttle for full electric power without pedaling.
- **Cruise Control:** Activates when riding above 6 MPH by pressing the "-" button.
- **Boost Function:** Engages at 1.9 MPH with a long press of the "-" button for easy starts.

### 5.4 One-Step Parking

To prevent the tricycle from sliding accidentally, engage the one-step parking feature. This ensures the tricycle remains stationary when parked.

### 5.5 Inflate the Tire

Before riding, ensure the tire pressure reaches 40 psi for optimal performance and safety. Use a bicycle pump with a pressure gauge.

## 6. MAINTENANCE

### 6.1 Battery Care

- The 48V 499Wh battery is removable for convenient charging.
- Charge the battery fully before your first ride. Charging typically takes 4-5 hours.
- Store the battery in a cool, dry place when not in use.
- Avoid fully discharging the battery to prolong its lifespan.



Image 4: The removable 48V 499Wh lithium battery, highlighting its features and specifications.

## 6.2 General Maintenance

- **Brakes:** Regularly check the front and rear mechanical disc brakes for wear and proper function. Adjust as needed to ensure efficient braking.
- **Tires:** Inspect tires for wear, punctures, and proper inflation (40 psi).
- **Chain:** Keep the chain clean and lubricated for smooth operation and to prevent rust.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially after the first few rides.
- **Cleaning:** Clean the tricycle with a damp cloth. Avoid using high-pressure water jets directly on electrical components.

## 7. TROUBLESHOOTING

If you encounter issues with your ANCHEER Electric Tricycle, refer to the following common troubleshooting

tips:

- **Tricycle not powering on:** Ensure the battery is fully charged, properly installed, and activated (wake-up procedure). Check all cable connections.
- **Motor not assisting:** Verify the pedal assist level on the LCD display is set above 0. Check motor cable connections.
- **Brakes feel weak:** Inspect brake pads for wear and replace if necessary. Adjust brake cable tension. Ensure brake calipers are properly aligned with the discs.
- **Unusual noises:** Check for loose components, especially around the wheels, chain, and motor. Lubricate the chain if it's squeaking.
- **Error Codes:** The digital LCD display can show error codes to facilitate troubleshooting. Refer to the display for specific codes and consult the manufacturer's support if needed.

## 8. SPECIFICATIONS

Feature	Specification
Model Name	AMAK00045
Bike Type	Electric Tricycle
Age Range	Adult
Motor	350W Brushless (Peak 600W)
Battery	48V 499Wh Removable Lithium
Max Speed	15.5 MPH
Max Range	Up to 55 Miles (Pedal Assist)
Charging Time	4-5 Hours
Wheel Size	24 Inches
Frame Material	Aluminum
Brake Style	Front and Rear Mechanical Disc Brakes
Number of Speeds	7
Max Torque	45 N·m
Max Load Capacity (Seat)	265 lbs
Max Load Capacity (Rear Basket)	220 lbs

Feature	Specification
Special Features	Rear Differential, Dual Shock Absorbers, Safety Lighting System (Headlight, Taillights, Reflectors)

## 9. WARRANTY AND SUPPORT

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ANCHEER provides a 1-year warranty on the motor, battery, and key components of your electric tricycle. Additionally, lifetime technical support is available from ANCHEER. For assistance, please contact ANCHEER customer service.