ANCHEER AN045

ANCHEER AN045 Electric Tricycle User Manual

Model: AN045

Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your ANCHEER AN045 Electric Tricycle. Please read this manual thoroughly before using the tricycle to ensure proper function and safety.

Safety Information

Your safety is paramount. Always wear a helmet and appropriate safety gear when riding. Observe all local traffic laws and regulations. Regular maintenance checks are crucial for safe operation.

- Always perform a pre-ride inspection, checking brakes, tire pressure, and battery charge.
- Do not operate the tricycle under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.
- Ensure all components are securely fastened before each ride.
- Avoid riding in adverse weather conditions or on slippery surfaces.
- The tricycle is designed for paved roads. Avoid extreme off-road conditions.



Image: Front wheel of the ANCHEER Electric Tricycle, highlighting the disc brake system and integrated front light for enhanced safety.

Setup and Assembly

The ANCHEER AN045 Electric Tricycle arrives 80% pre-assembled. A detailed step-by-step video guide is available to assist with the remaining assembly. Ensure all parts are present and undamaged before beginning assembly.

Key Assembly Steps:

1. Unpack all components and verify against the packing list.

2. Install the front wheel and fender.
3. Attach the handlebars and adjust to a comfortable position.
4. Install the seat post and saddle.
5. Connect the light cables.
6. Install the pedals.
7. Install the rear basket.
8. Perform initial brake and gear adjustments.
9. Charge the battery fully before first use.

Your browser does not support the video tag.

Video: ANCHEER 24" Electric Tricycle Unboxing Video. This video demonstrates the assembly process for the tricycle.



Image: Diagram showing the dimensions and load capacities of the ANCHEER Electric Tricycle, including recommended rider height, seat load, and rear basket capacity.

Operating Instructions

Battery and Charging:

The tricycle is equipped with a 48V 499Wh removable lithium battery. To charge, remove the battery from the frame or charge it directly on the tricycle. Charging time is approximately 4-5 hours.



Image: Close-up of the removable 48V 10.4Ah battery, indicating its capacity and BMS protection.

Powering On/Off:

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

Riding Modes:

The tricycle features 6 riding modes:

- **Level 0:** Manual pedaling only, no electric assist.
- **Levels 1-5:** Pedal-assist modes. The motor provides assistance as you pedal. Higher levels provide more assistance.

- **Full Electric Operation:** Use the throttle for electric power without pedaling.

The maximum speed is 15.5 MPH.

Cruise and Boost Functions:

- **Cruise Control:** Engages automatically when riding over 6 MPH by pressing the "–" button.
- **Boost Mode:** Activates at 1.9 MPH with a long press of the "–" button, assisting with starts.

LCD Display:

The digital LCD display provides real-time cycling data, including speed, battery level, mileage, and assist level. It also displays error codes for troubleshooting.



Image: The digital LCD display on the handlebars, showing various cycling data such as speed, battery level, and assist level.

Your browser does not support the video tag.

Video: ANCHEER Electric Tricycle Test on Grass and Roads. This video demonstrates the tricycle's performance on different terrains, showcasing its stability and power.

Maintenance

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

General Checks:

- **Tires:** Check tire pressure before each ride. Maintain recommended PSI. Inspect for wear and punctures.
- **Brakes:** Regularly check brake lever tension and pad wear. Adjust as needed. Ensure the parking brake functions correctly.
- **Chain:** Keep the chain clean and lubricated. Check for proper tension.
- **Fasteners:** Periodically check all bolts, nuts, and quick releases for tightness.
- **Frame:** Inspect the frame for any signs of damage or cracks.

Battery Care:

- Charge the battery fully after each use.
- Do not allow the battery to fully discharge for extended periods.
- Store the battery in a cool, dry place when not in use, ideally between 50-70% charge if storing for long periods.
- Avoid exposing the battery to extreme temperatures.

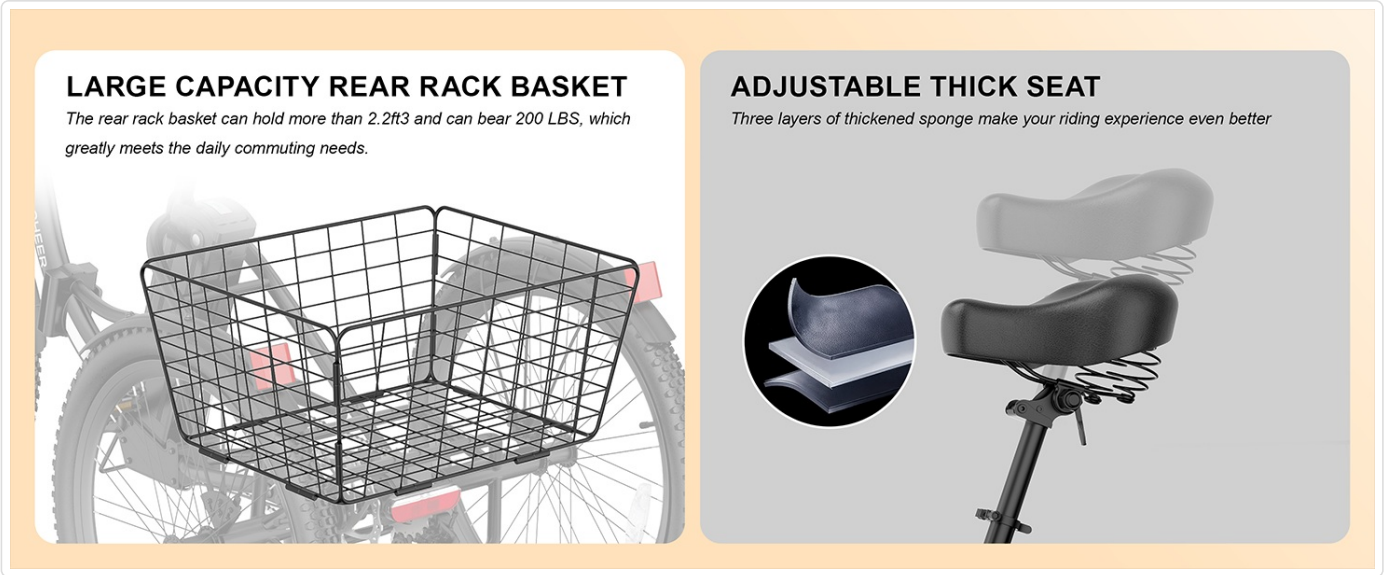


Image: The large capacity rear basket and adjustable thick seat, designed for comfort and utility.

Troubleshooting

This section addresses common issues you might encounter with your ANCHEER Electric Tricycle.

Problem	Possible Cause	Solution
Tricycle does not power on.	Battery not charged, battery not properly seated, power cable loose.	Ensure battery is fully charged and securely installed. Check all electrical connections.
Motor not assisting.	Assist level set to 0, brake levers engaged, motor connection loose.	Increase assist level on the display. Ensure brake levers are fully released. Check motor cable connections.
Brakes feel weak or noisy.	Worn brake pads, misaligned calipers, air in hydraulic system (if applicable).	Inspect and replace brake pads if worn. Adjust caliper alignment. Consult a professional for hydraulic brake issues.
LCD displays an error code (e.g., E07).	System malfunction, sensor issue.	Refer to the specific error code in the full manual (if available) or contact ANCHEER customer support for diagnosis.

For complex issues or error codes not listed, please contact ANCHEER customer support.

Specifications

Feature	Detail
Bike Type	Electric Tricycle
Model Name	AN045
Motor	350W Brushless (Peak 650W)
Battery	48V 499Wh (10.4Ah) Removable Lithium
Charging Time	4-5 hours
Max Speed	15.5 MPH

Feature	Detail
Max Torque	50 N·m
Gears	7-speed gear system
Brakes	Front and Rear Mechanical Disc Brakes with Parking Function
Wheel Size	24 inches
Frame Material	Aluminum
Suspension Type	Rigid
Max Load Capacity (Seat)	265 lbs
Max Load Capacity (Rear Basket)	220 lbs
Intended Riding Terrain	Paved Roads
Included Components	Tool Kit

Warranty and Support

Warranty Information:

The ANCHEER AN045 Electric Tricycle comes with a 1-year limited warranty covering the motor, battery, and essential components. Please retain your proof of purchase for warranty claims.

Technical Support:

ANCHEER provides lifetime technical support for this product. For assistance with assembly, operation, maintenance, or troubleshooting, please contact ANCHEER customer service. Contact information can typically be found on the ANCHEER official website or through your purchase platform.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question