Soumye S186-B

Soumye Electric Tricycle

User Manual

Model: S186-B | Brand: Soumye

Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Soumye Electric Tricycle. Please read it thoroughly before your first ride and keep it for future reference.



Figure 1: Soumye Electric Tricycle (Blue model shown)

Key Features

- **Removable Battery:** Certified battery with protection against over-temperature, over-voltage, and over-charging. Offers up to 30+ miles on a single charge (40 miles in PAS mode).
- **350W Brushless Motor:** Provides smooth and efficient performance with a peak of 540W and a top speed of 15.5 MPH.
- **3 Riding Modes:** Choose between throttle-powered, power-assisting (PAS), or traditional tricycle modes. Features a large LCD display for essential parameters.
- **Stable eTrike Frame:** Lightweight, durable high-carbon steel frame suitable for riders 4'9" to 5'8" and supporting up to 260 lbs. Includes an industrial bicycle-level differential system for enhanced stability.
- **Detachable Cargo Baskets:** Large front and rear baskets for convenient storage.
- **Enhanced Riding Experience:** Intuitive LCD screen, top-notch front and rear disc brakes, headlight, and taillight.

1. Setup and Assembly

Your Soumye Electric Tricycle arrives approximately 90% pre-assembled. The following steps detail the final assembly process. All necessary tools are included.

1.1 Unboxing and Initial Inspection

Carefully open the packaging and remove all components. Verify that all parts listed in the packing list are present and undamaged. It is recommended to lay out all parts on a clean, flat surface.

1.2 Front Wheel and Handlebar Installation

The front wheel and handlebar require careful installation. Ensure the front fork is correctly oriented before installing the wheel. The motor cable on the front wheel should point towards the ground. Secure all screws firmly.

Video 1: Soumye E-Tricycle Assembly Instruction. This video provides a comprehensive guide to assembling your tricycle, including detailed steps for front wheel and handlebar installation, brake adjustment, and fender attachment.

Note on Front Wheel Installation: Some users may find the front fork difficult to align with the wheel. Ensure the fork is rotated correctly and the motor cable is positioned downwards. Loosen the pre-installed screws on the wheel axle, align the wheel with the fork, and then fully tighten the screws on both sides to secure the wheel. The handlebar stem should be adjusted to the desired angle and fully tightened once positioned, ensuring it is perpendicular (T-shape) to the front tire for proper steering.



Figure 2: Front wheel with 350W brushless motor and disc brake system.

1.3 Brake Installation and Adjustment

Install the front brake caliper onto the disc rotor. Secure the caliper by tightening the two screws. After installation, spin the wheel to ensure the brake is not rubbing against the disc rotor. Adjust as necessary.

1.4 Fender and Light Installation

Install the front fender and headlight. Connect the front light cable. Secure the fender strings with screws on both sides of the fork. For the rear fender, install both sides to the frame.

1.5 Basket Installation

Remove the pre-installed screws from the front basket mounting area. Secure the front basket using these screws. For the rear basket, remove the screws from the frame, install the basket, and secure it with the four screws. Place the provided cover inside the basket.

1.6 Pedal Installation

Install the right side pedal by turning it in a clockwise direction. Install the left side pedal by turning it in a counter-clockwise direction. Ensure both pedals are fully tightened.

1.7 Saddle and Seat Post Installation

Insert the seat post with the saddle into the frame. Adjust the height for comfortable riding and secure it with the quick-release lever. The saddle can be rotated 90 degrees for easy battery access.

1.8 Battery Installation and Lock

Ensure the battery is fully charged before first use. Insert the battery into its compartment. Turn the key to the unlock stage to disengage the lock, then push the battery in. Turn the key to the off stage to engage the battery lock, securing it in place.



Figure 3: Removable 374WH battery for easy charging and replacement.

1.9 Tire Inflation

Inflate the front tire to 47 psi. Inflate both rear tires to 53 psi. Proper tire pressure is crucial for safety and optimal performance.

2. Operating Your Tricycle

2.1 Powering On/Off

To power on the tricycle, ensure the battery is securely locked in place and turn the key to the 'On' position. To power off, turn the key to the 'Off' position.

2.2 Riding Modes

Your tricycle offers three distinct riding modes:

- **Throttle Mode:** Engage the throttle for electric power without pedaling.
- **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. Adjust the assist level using the LCD display.
- **Normal Tricycle Mode:** Ride like a traditional tricycle without electric assistance.

2.3 LCD Display Functions

The large LCD display provides real-time information:

- **Speed:** Current riding speed.
- **Battery Indicator:** Shows remaining battery charge.
- **Pedal Assist Level (PAS):** Indicates the current level of motor assistance.
- **Mileage (ODO):** Total distance traveled.



Figure 4: Overview of the LCD display and handlebar controls.

2.4 Braking

Your tricycle is equipped with front and rear disc brakes for reliable stopping power. To engage the parking brake, hold the brake lever and engage the small lever on the brake handle. Release the small lever to disengage the parking brake.



Figure 5: Enjoying a ride on the Soumye Electric Tricycle.

3. Maintenance

Regular maintenance ensures the longevity and safe operation of your Soumye Electric Tricycle.

3.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its lifespan.
- Avoid fully discharging the battery.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Use only the certified charger provided with your tricycle.

3.2 Tire Pressure

Check tire pressure before each ride. Maintain 47 psi for the front tire and 53 psi for the rear tires to ensure optimal performance and safety.

3.3 Brake Inspection

Regularly inspect brake pads and rotors for wear. Ensure brakes engage smoothly and effectively. If you notice any issues, consult a qualified bicycle technician.

3.4 General Cleaning and Inspection

Keep your tricycle clean by wiping it down with a damp cloth. Avoid using high-pressure washers directly on electrical components. Periodically check all nuts, bolts, and connections for tightness.

4. Troubleshooting

If you encounter any issues with your Soumye Electric Tricycle, please refer to the following common troubleshooting tips. For more complex problems, contact customer support.

- **Tricycle not powering on:** Ensure the battery is fully charged and properly seated in its compartment. Check that the key is turned to the 'On' position and the battery lock is engaged.
- **Motor not assisting:** Verify that you are in PAS mode or throttle mode. Check battery charge level. Ensure all motor cable connections are secure.
- **Brakes rubbing:** Adjust the brake caliper position to ensure it is centered over the disc rotor and not making contact when the brake is disengaged.
- **Unusual noises:** Inspect for loose components, rubbing parts, or debris. Lubricate the chain if it sounds dry.

5. Specifications

Specification	Value
Bike Type	Electric Bike
Age Range (Description)	Adult
Brand	Soumye
Number of Speeds	1
Color	Blue
Wheel Size	20 Inches
Frame Material	Carbon Steel
Suspension Type	Rigid
Special Feature	Disc
Included Components	Tool Kit
Size	Universal
Brake Style	Disc

Specification	Value
Model Name	S186-B
Power Source	Electric motor
Wheel Material	Alloy Steel
Lithium Battery Energy Content	374 Watt Hours
Maximum Weight Recommendation	298 Pounds
Assembly Required	Yes
Minimum User Height	57 Inches
UPC	795847093154
Bicycle Drivetrain Type	Hub Motor
Electric Assist Type	Pedal Assist System
Manufacturer	LET’S GO E-BIKE INC
Battery Life	30 Operations



Figure 6: Recommended rider height and weight capacity.

6. Warranty Information

The Soumye Electric Tricycle comes with a **Limited 1-Year Warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the product packaging or contact Soumye customer support.

7. Customer Support

Soumye's professional service team is based in Los Angeles, California, and is available to assist you with any inquiries or support needs.

- **Phone Support:** 626-328-6000 (English & Spanish)
- **Online Resources:** Visit the official Soumye website for FAQs, additional guides, and contact forms.

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