FREEBOY J01 PRO

FREEBOY Adult Electric Scooter User Manual

Model: J01 PRO

Brand: FREEBOY

Introduction

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your FREEBOY J01 PRO Adult Electric Scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety.



Figure 1: FREEBOY J01 PRO Adult Electric Scooter with seat.

What's in the Box

Upon opening the package, verify that all components are present and undamaged. The package should contain:

- FREEBOY J01 PRO Electric Scooter (main unit)
- Scooter Charger
- Two Keys
- Instruction Manual (this document)
- Tool Kit (wrenches, hex keys)
- Front Wheel Installation Instructions (separate sheet)



Figure 2: The FREEBOY J01 PRO Electric Scooter as packaged, showing the main unit and included accessories.

Setup and Assembly

Follow these steps to assemble your FREEBOY J01 PRO Electric Scooter. Refer to the installation video for visual guidance.

1. **Unboxing:** Carefully remove the scooter and all components from the packaging.
2. **Unfolding the Scooter:**
    - Locate the folding mechanism button at the base of the steering pole. Press this button down.
    - Lift the steering pole upwards until it locks into place.
    - Arrange any cables neatly and insert the latch retainer into the designated hole to secure the pole.
3. **Handlebar Assembly:**
    - Open the handlebar by twisting and tightening the two spiral rings on the pole. Ensure they are securely fixed.
    - Attach the instrument (display) using a No. 2 hex wrench.
    - Secure the turn signal using a No. 3 hex wrench.
    - Secure the brake levers using a No. 5 hex wrench.
4. **Headlight Installation:** Secure the headlight with a No. 5 socket wrench.
5. **Seat Installation (Optional):**
    - Stand the seat up and press the button below the seat post.
    - Press the latch down tightly again to secure the seat post.
    - Adjust the cushion to the appropriate position and fix it.

Your browser does not support the video tag.

Video 1: J01 PRO Electric Scooter Installation Guide. This video demonstrates the unboxing, unfolding, handlebar assembly, and seat installation steps.

Operating Instructions

Familiarize yourself with the controls and functions of your scooter before riding.

Powering On/Off and Display Functions

1. **Power On:** Insert the key into the ignition and turn it to the right once.
2. **Display Activation:** Press the meter open key (power switch) on the display unit to turn on the meter.
3. **Display Information:**
    - Press the power switch once to cycle through display modes: total mileage, voltage, time, and single drive mileage.
4. **Gear Shifting:**
    - Press the 'M' button to shift between gears (speed modes).
    - First gear: Up to 15 km/h (approx. 9 mph).
    - Second gear: Up to 30 km/h (approx. 18 mph).
    - Third gear: Up to 45 km/h (approx. 28 mph).
5. **Speed Limit Removal:** To lift the speed limit, press the 'M' key 5 times in a row.

Lighting and Horn

- **Headlight:** The scooter is equipped with a bright LED headlight for night commuting.
- **Walking Lights:** The scooter features walking lights for enhanced visibility.
- **Turn Signals:** Left and right turn signals are integrated for signaling turns.
- **Horn:** Use the buzzer horn to alert others.
- **Brake Light:** The rear brake light illuminates when brakes are applied.

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Video 2: FREEBOY Electric Scooter Features and Operation. This video demonstrates the display functions, gear shifting, and lighting features.

Key Features

- **Powerful Motor:** Equipped with an 800W motor, reaching a top speed of 45KM/H (approx. 25 mph).



Figure 3: Illustration of the 800W motor and its capabilities, including 25° climbing ability and maximum speed.

- **Long Range Battery:** Features a 48V 15AH battery, offering a 30 - 34-mile range on a single charge. Charging time is approximately 8 hours.

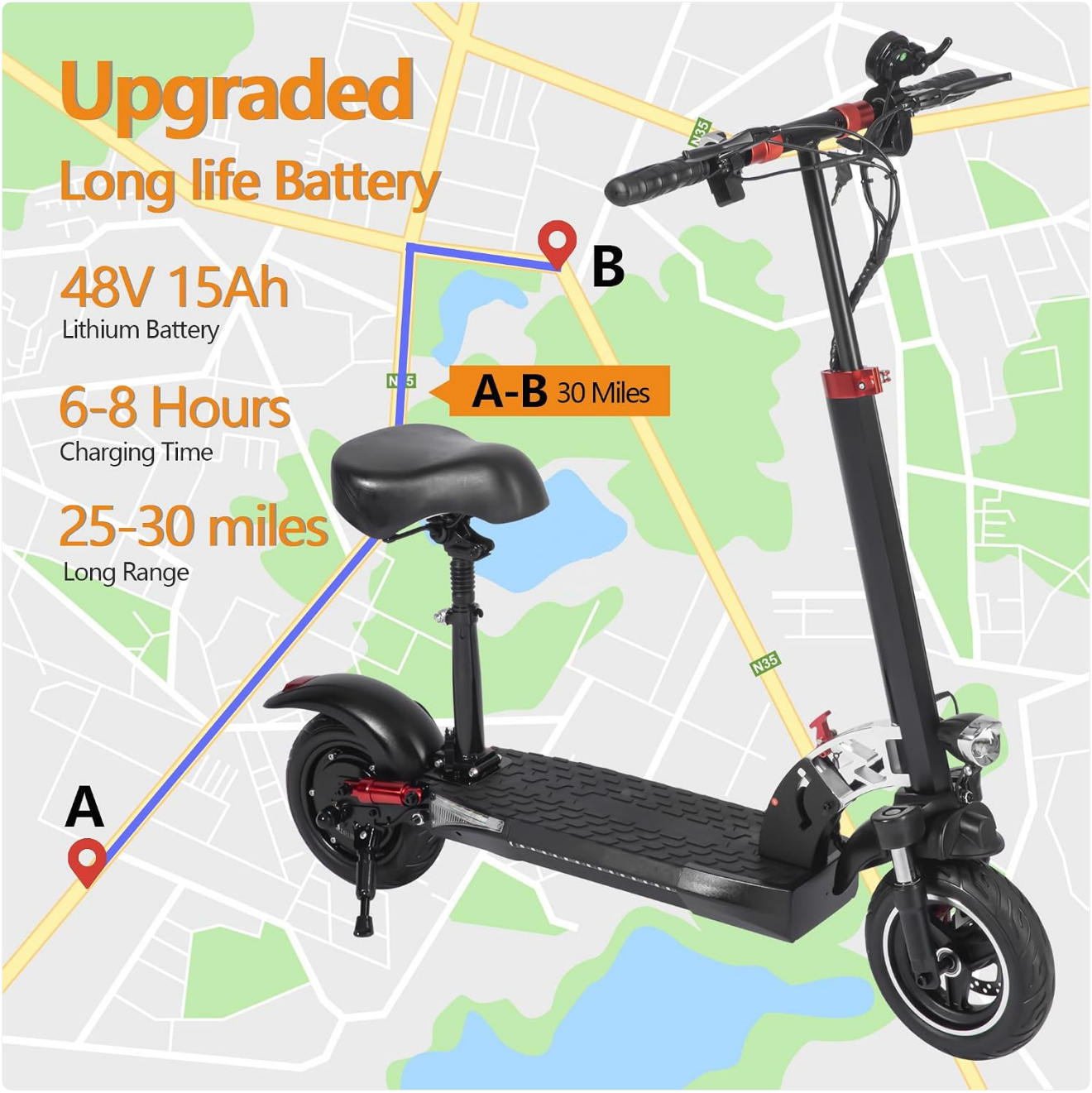


Figure 4: Visual representation of the scooter's 30-mile range with a 48V 15Ah Lithium Battery and 6-8 hours charging time.



Figure 5: Close-up view of the scooter's 48V 15Ah long-range lithium battery compartment.

- **Off-Road Tires:** Equipped with 10-inch off-road vacuum tires suitable for various terrains and handling slopes of 18° - 25°.
- **Dual Braking System:** Features a double disc brake system for strong braking force and short stopping distance.



Figure 6: Illustration highlighting the dual hydraulic brakes for smoother operation and faster heat dissipation.

- **Dual Shock Absorbers:** Front and rear shock absorbers provide a comfortable ride, especially on uneven surfaces.
- **Foldable Design:** Conveniently folds for easy storage and transport.



Figure 7: Dimensions of the scooter in both unfolded and folded states, indicating its compact storage capability.

- **Adjustable Handlebar:** Handlebar height is adjustable from 41 to 53 inches.
- **LED Display:** Shows real-time information such as speed, mileage, and battery level.
- **Silicone Leather Pedals:** The pedals are made of silicone leather for enhanced grip and durability.

Folding and Storage

The FREEBOY J01 PRO Electric Scooter is designed for easy folding, making it convenient for storage and transport.

1. **Receive the Seat:** If the seat is installed, first receive the seat by breaking the retainer, pressing the button, and putting down the cushion. Place the cushion in place.
2. **Fold Handlebars:** Rotate the screw handles on both sides of the handlebar and fold the front handles inwards. Arrange the storage pole.
3. **Fold Main Pole:** Remove the latch at the base of the main pole, press firmly on this position, and fold the pole down until it clicks into its folded state.



Figure 8: The scooter in its folded state, demonstrating its portability and ease of storage in a car trunk.

Specifications

Feature	Detail
Brand	FREEBOY
Model Name	J01 PRO
Motor Power	800W
Max Speed	45 KM/H (approx. 25 mph)
Battery	48V 15AH Lithium Battery
Max Distance Range	30 - 34 Miles
Charging Time	8 Hours
Tire Type	10-inch Off-Road Vacuum Tires
Brake System	Dual Disc Brake System (Front and Rear)
Suspension	Dual Front and Rear Shock Absorbers
Weight Limit	330 Pounds
Item Weight	52 Pounds
Product Dimensions (LxWxH)	48"L x 23.6"W x 53"H
Handlebar Height	Adjustable (41 - 53 inches)
Frame Material	Aluminum

Maintenance

Regular maintenance ensures the longevity and safe operation of your scooter.

- **Battery Care:**
  - Charge the battery fully before first use.
  - Avoid completely draining the battery. Recharge after each use.
  - Store the scooter in a cool, dry place when not in use, and ensure the battery is partially charged (50-70%) if storing for extended periods.
- **Tire Pressure:** Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall for specific values).
- **Brake Inspection:** Periodically inspect brake pads and cables for wear and proper function. Adjust or replace as needed.
- **Cleaning:** Clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Fasteners:** Check all screws and fasteners regularly to ensure they are tight. Tighten any loose components.

Troubleshooting

This section addresses common issues you might encounter with your FREEBOY J01 PRO Electric Scooter.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery is low or dead; Key not fully inserted/turned; Power button not pressed.	Charge the battery; Ensure key is fully turned to the ON position; Press the power button on the display.
Reduced range or power.	Low battery charge; Overloaded scooter; Riding uphill frequently; Cold weather.	Fully charge the battery; Ensure rider weight is within limits; Adjust riding style; Battery performance may be reduced in cold temperatures.
Brakes feel loose or ineffective.	Brake cable needs adjustment; Worn brake pads.	Adjust brake cable tension; Inspect and replace brake pads if worn.
Unusual noises during operation.	Loose components; Debris in wheels/motor; Worn bearings.	Check and tighten all fasteners; Inspect wheels and motor for obstructions; If noises persist, contact customer support.

If you encounter issues not listed here, or if the suggested solutions do not resolve the problem, please contact FREEBOY customer support.

Warranty and Support

FREEBOY is committed to providing high-quality products and excellent customer service.

- **Warranty:** Enjoy a 12-month or 6-month warranty for different parts. Refer to the specific warranty card included with your product for full details.
- **Customer Support:** For any questions or assistance, please contact FREEBOY customer support. We aim to respond within 24 hours.
- **Contact Information:**
    - Email: tangsanscooter@126.com



Figure 9: FREEBOY customer support details, including warranty period and contact email.

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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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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