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› Toursor X13 Electric Scooter User Manual

Toursor X13

Toursor X13 Electric Scooter User Manual

MODEL: X13

1. Introduction

This manual provides essential information for the safe operation, maintenance, and care of your Toursor X13 Electric Scooter. Please read this manual thoroughly before your first ride to ensure proper usage and to maximize the lifespan of your scooter. Retain this manual for future reference.

Safety Warning: Always wear a helmet and appropriate protective gear when riding. Familiarize yourself with local regulations regarding electric scooter usage. Ride responsibly and be aware of your surroundings.

2. Product Overview

The Toursor X13 is a high-performance electric scooter designed for adults, featuring robust construction and advanced capabilities for both urban commuting and off-road adventures.

HIGH CAPACITY LITHIUM-ION BATTERY



Max Range 75Miles
(full charged and single motor mode)



Battery Capacity 60V 35A



8-10 Hours Full Charge with
Standard Charger

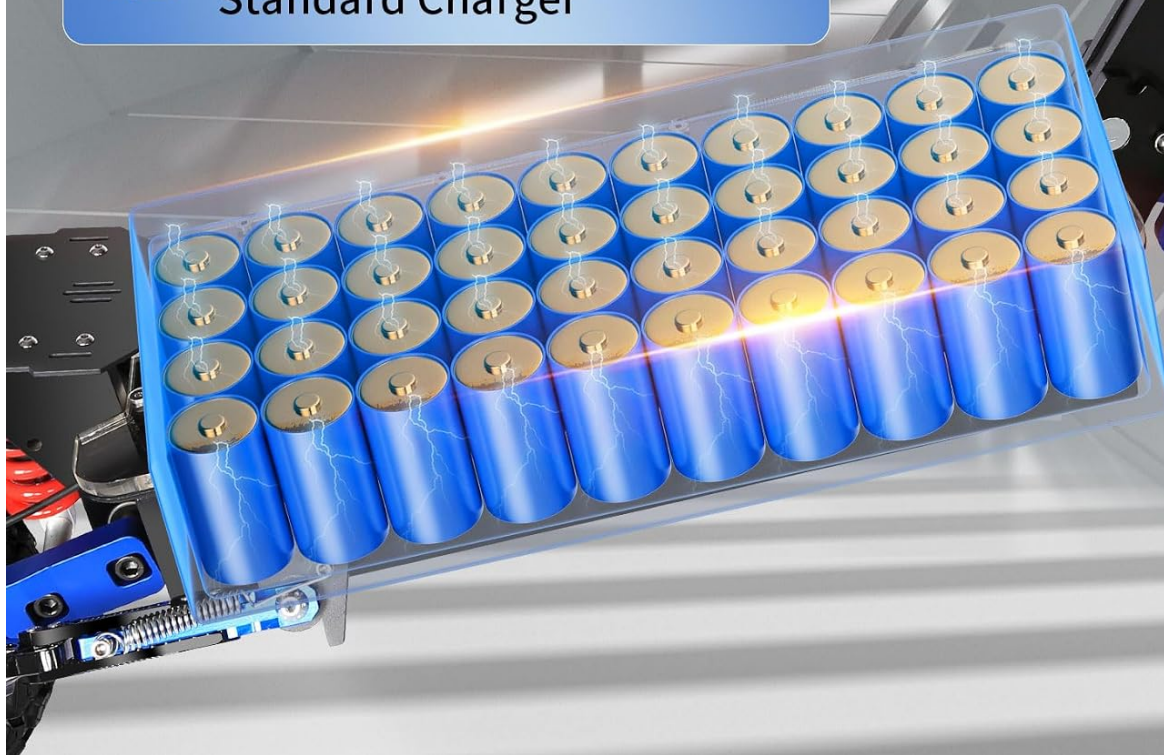


Figure 2.1: Toursor X13 Electric Scooter, showcasing its overall design and blue accents.

Key Features:

- **Powerful Dual Motors:** Equipped with two 3000W brushless hub motors, totaling 6000W, for a top speed of 50mph and excellent climbing ability.
- **Long-Range Battery:** A 60V 35Ah lithium battery provides up to 60 miles of range on a single charge.
- **All-Terrain Capability:** 11-inch off-road tires and dual hydraulic shock absorbers ensure a smooth ride across various terrains.
- **Enhanced Safety:** Features hydraulic disc brakes, dual headlights, taillights, turn signals, and brake lights for visibility and control.
- **Foldable Design:** Easy-to-fold body with a double folding lock for portability and convenient storage.

3. Setup and Initial Preparation

3.1 Unboxing and Assembly

Carefully remove all components from the packaging. The scooter comes partially assembled. You will need to attach the handlebars and ensure all connections are secure. Refer to the included quick-start guide for detailed assembly steps.

3.2 Charging the Battery

Before first use, fully charge the scooter's 60V 35Ah lithium battery. The charging time is approximately 8-10 hours using the provided dual chargers. Connect the chargers to the charging ports on the scooter and then to a standard power outlet. The indicator light on the charger will change when charging is complete.



Figure 3.1: Illustration of the scooter's powerful 6000W dual motors, highlighting the robust design for performance.

3.3 Adjusting Handlebar and Seat

Adjust the handlebar height to a comfortable position for your riding posture. If your model includes a seat, adjust its height for optimal comfort and control. Ensure all quick-release levers and clamps are securely tightened after adjustment.

COMFORTABLE RIDING EXPERIENCE



Figure 3.2: The Toursor X13 Electric Scooter featuring an adjustable seat for a comfortable riding experience.

3.4 Folding and Unfolding

To fold the scooter, locate the double folding lock mechanism on the stem. Follow the instructions in the quick-start guide to safely release the lock and fold the stem down. Reverse the process to unfold, ensuring the lock is fully engaged before riding.



Figure 3.3: The Toursor X13 Electric Scooter shown in both its folded and unfolded configurations, demonstrating its portability.

4. Operating Instructions

4.1 Powering On/Off

Press and hold the power button on the LCD display to turn the scooter on. Repeat to turn off. Always ensure the scooter is stable before powering on or off.

4.2 LCD Display and Controls

The upgraded LCD screen provides real-time information including battery level, current speed, riding mode, and any malfunction warnings. The handlebar features a turnbuckle accelerator switch, three-speed transmission, single and dual drive switching switch, and a speed-limiting switch. Familiarize yourself with all controls before riding.

Upgraded LCD Screen

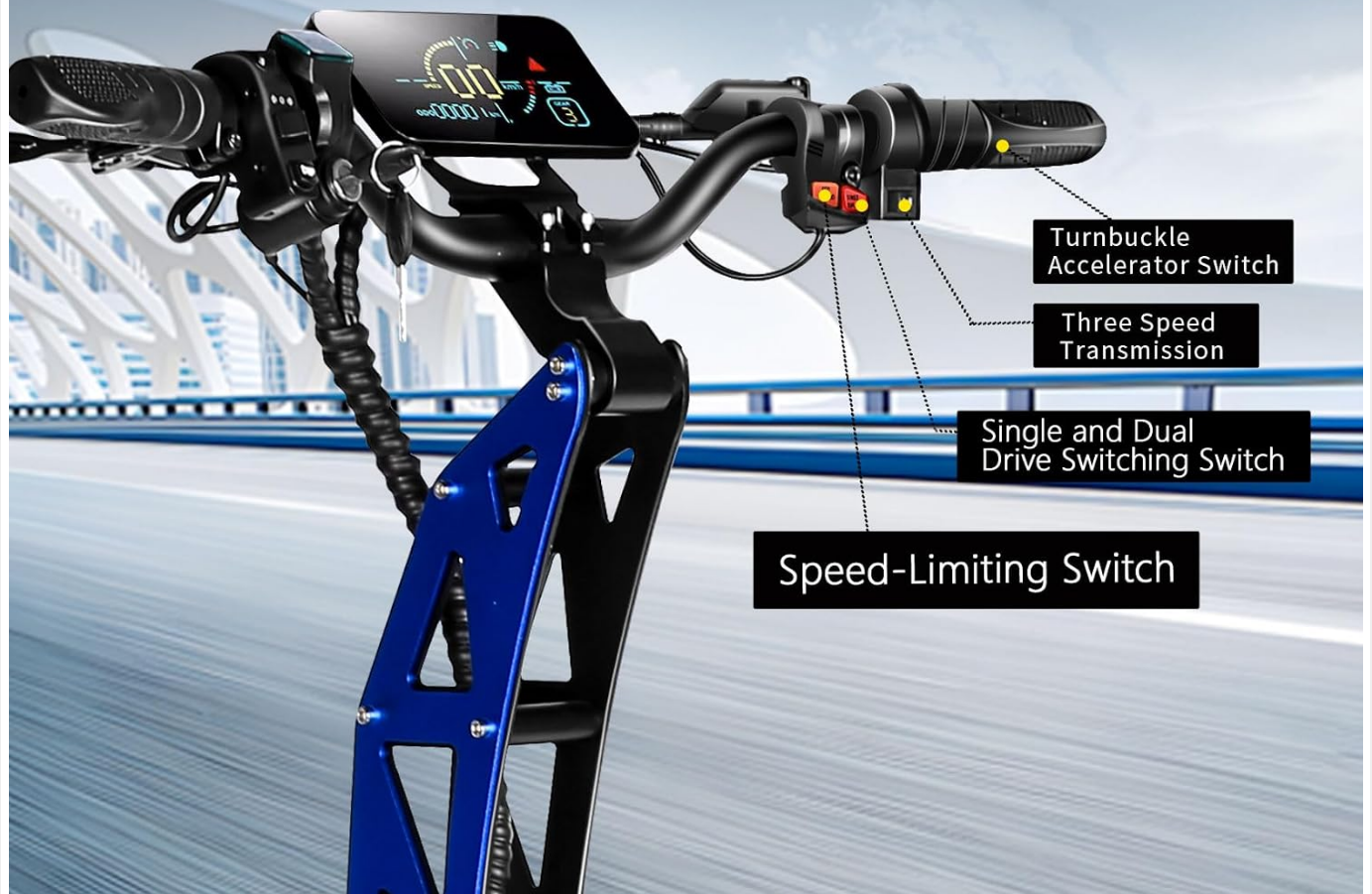


Figure 4.1: Close-up of the upgraded LCD screen and handlebar controls, including the accelerator, speed modes, and drive switches.

4.3 Riding Modes and Drive Selection

The scooter offers three motion modes, allowing you to adjust performance based on your preference and riding conditions. You can also switch between single and dual motor drive for varying power and efficiency. Use the speed-limiting switch for controlled riding in specific environments.

4.4 Braking System

The Toursor X13 is equipped with hydraulic disc brakes on both the front and rear wheels for reliable stopping power. Apply brakes smoothly and gradually to avoid sudden stops, especially at higher speeds or on loose surfaces.



Figure 4.2: Detail of the dual suspension system and hydraulic disc brakes, designed for comfort and safety.

4.5 Lighting System

For safe night riding, the scooter features dual headlights for wider and longer illumination, as well as taillights, turn signals, and brake lights. Ensure all lights are functional before riding in low-light conditions.



Figure 4.3: The scooter's pedal ambient lighting, enhancing visibility and aesthetics during night rides.

4.6 Road Condition Testing Video

Video 4.1: This video demonstrates the Toursor Electric Scooter's performance and stability across various road conditions, showcasing its adaptability.

4.7 Off-Road Test Video

Video 4.2: An off-road test video for the Toursor X13/X14 Electric Scooter, illustrating its capability on challenging terrains.

5. Maintenance

5.1 Battery Care

To prolong battery life, avoid completely draining the battery. Charge it regularly, even if not in frequent use. Store the scooter in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is charged to approximately 50-70%.

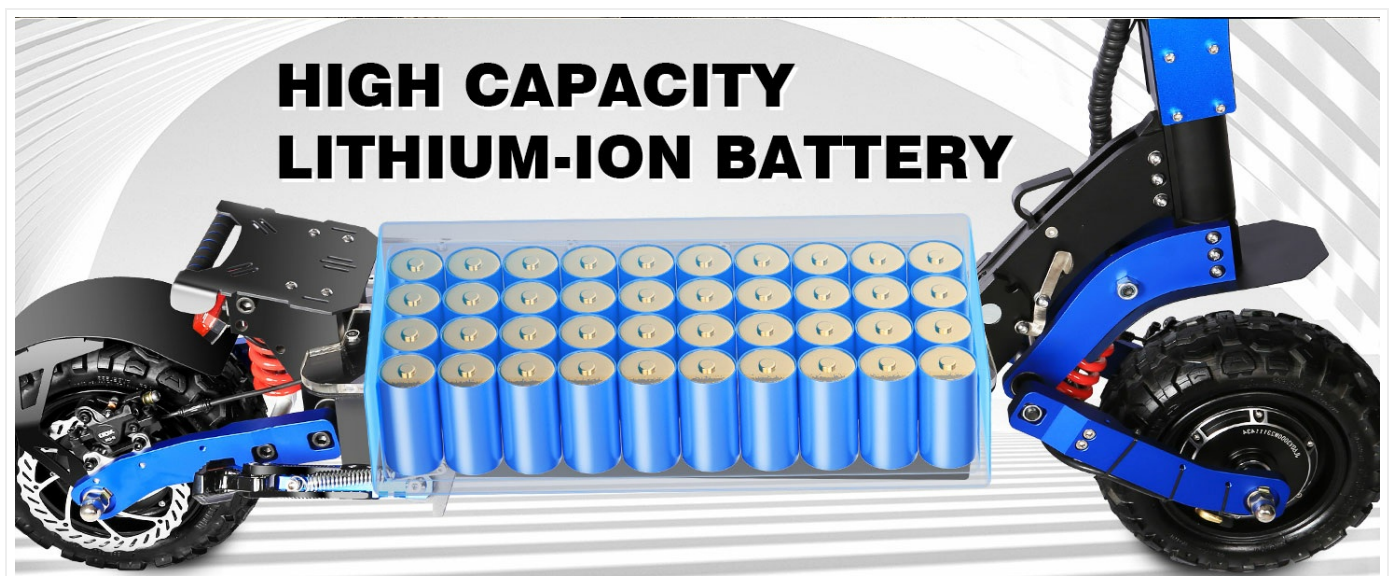


Figure 5.1: The scooter's ultra-long-life lithium battery, emphasizing its capacity and durability.

5.2 Tire Maintenance

Regularly check the pressure of the 11-inch off-road tires. Proper tire pressure is crucial for safety, performance, and tire longevity. Inspect tires for any signs of wear, punctures, or damage before each ride.



Figure 5.2: The Toursor X13 Electric Scooter demonstrating its suitability for various road types, including off-road conditions, due to its robust tires.

5.3 Brake Inspection

Periodically inspect the hydraulic disc brakes for wear on the pads and proper function of the levers. If you notice any decrease in braking performance or unusual noises, have the brakes inspected and serviced by a qualified technician.

5.4 General Cleaning and Storage

Clean the scooter regularly with a damp cloth. Avoid using high-pressure water jets directly on electrical components. Store the scooter in a dry, secure location when not in use.



Figure 5.3: The scooter's spring damping suspension system, designed to absorb shocks and provide a smoother ride.

6. Troubleshooting

If you encounter issues with your Toursor X13 Electric Scooter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Scooter does not power on	Low battery, loose connection, power button issue	Charge the battery fully. Check all cable connections. If issue persists, contact support.

Problem	Possible Cause	Solution
Reduced range or power	Underinflated tires, low battery charge, heavy load, riding uphill	Check tire pressure. Ensure battery is fully charged. Reduce load. Use appropriate riding mode.
Brakes feel weak	Worn brake pads, air in hydraulic line, misaligned calipers	Inspect brake pads for wear. If necessary, have brakes serviced by a professional.
Unusual noises during operation	Loose components, motor issue, suspension problem	Inspect for loose screws or parts. If noise persists or is from the motor/suspension, contact support.

For any malfunction warnings displayed on the LCD or issues not covered here, please contact Toursor customer support.

7. Specifications

Feature	Detail
Brand	Toursor
Model Name	X13
Motor Power	2 x 3000W Brushless Hub Motors (6000W total)
Battery	60V 35Ah Lithium Battery
Max Speed	Up to 50 mph
Max Range	Up to 60 miles per charge
Charging Time	8-10 hours (with dual chargers)
Weight Limit	340 Pounds
Product Dimensions (L x W x H)	52"L x 11"W x 52"H
Wheel Size	11 Inches (Off-road pneumatic tires)
Suspension Type	Dual Hydraulic Suspension
Brake Style	Front and Rear Hydraulic Disc Brakes
Frame Material	Aluminum Alloy
Item Weight	60 Kilograms

8. Warranty and Support

8.1 Warranty Information

The Toursor X13 Electric Scooter comes with the following warranty:

- **Motor, Battery, and Controller:** One (1) year warranty. This warranty does not cover damage caused by flooding. If these core components are damaged within the warranty period, new original parts will be provided, along with

video technical guidance for replacement.

- **Other Components:** If any quality problem occurs in other components within seven (7) days of receipt, please contact us for brand new parts.

Please note that returns for non-quality problems are not accepted. Pay attention to product size and specifications when ordering to avoid unnecessary losses.

8.2 Technical Support

For any questions, technical assistance, or warranty claims, please feel free to contact Toursor customer support. We aim to reply within 24 hours and provide lifetime technical support and service.

Contact Information: Refer to your purchase documentation or the official Toursor website for the most up-to-date contact details.

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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