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> Toursor X13 Adult Electric Scooter User Manual - 60V 8000W Dual Motor

Toursor X13

Toursor X13 Adult Electric Scooter User Manual

Model: X13

1. INTRODUCTION

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



Image 1.1: The Toursor X13 Electric Scooter shown with its included accessories, such as the detachable seat, two chargers, a toolkit, and an instruction manual.

2. SAFETY GUIDELINES

Your safety is paramount. Always adhere to the following guidelines:

- Always wear a helmet and appropriate protective gear (knee pads, elbow pads, gloves) when riding.
- Familiarize yourself with local laws and regulations regarding electric scooter use.
- Perform a pre-ride inspection: check brakes, tire pressure, and battery level.
- Do not ride under the influence of alcohol or drugs.
- Maintain a safe speed and distance from other vehicles and pedestrians.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice).

- The maximum rider weight capacity is 330 lbs (150 kg). Do not exceed this limit.

3. SETUP

3.1 Unboxing and Initial Assembly

Your Toursor X13 scooter comes partially assembled. Carefully remove all components from the packaging. Assembly typically involves:

1. Attaching the handlebar to the stem.
2. Securing any loose cables.
3. Installing the detachable seat (if desired).
4. Inflating tires to the recommended pressure.

Refer to the included toolkit for necessary tools.

3.2 Initial Charging

Before first use, fully charge the scooter's battery. Connect the charger(s) to the charging port(s) and then to a power outlet. The charging indicator will show the charging status. A full charge typically takes 8-10 hours with dual charging.

HIGH CAPACITY LITHIUM-ION BATTERY

-  **Max Range 70Miles**
(full charged and single motor mode)
-  **Battery Capacity 60V 38.8A**
-  **8-10 Hours Full Charge With Standard Charger**

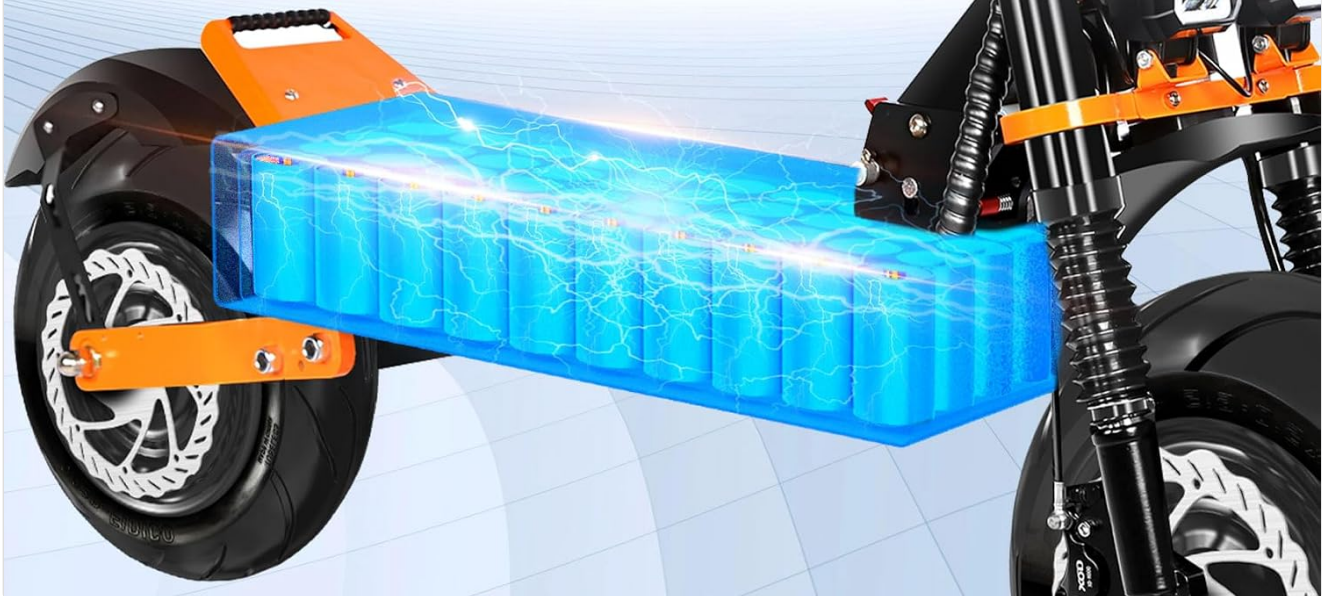


Image 3.1: Illustration of the high-capacity 60V 38.8Ah lithium-ion battery integrated into the scooter's deck, highlighting its maximum range of 65 miles and 8-10 hour charging time.

4. OPERATING INSTRUCTIONS

4.1 Controls and Display

The Toursor X13 features an upgraded LCD screen and intuitive controls:

- **LCD Screen:** Displays current speed, battery level, voltage, and odometer.
- **Accelerated Fingering:** Throttle control for speed adjustment.
- **Mode Buttons:** Switch between SINGLE/DUAL motor modes and ECO/TURBO performance settings.

Upgraded LCD Screen



Image 4.1: A detailed view of the upgraded LCD screen and handlebar controls, including the voltage display, accelerated fingering throttle, and buttons for single/dual motor and eco/turbo modes.

4.2 Power and Performance

The X13 is equipped with dual 4000W brushless hub motors, providing a peak output of 8000W. This allows for speeds up to 60 mph (96 km/h) and a climbing ability of up to 50 degrees.



Image 4.2: A visual representation of the scooter's 8000W Super Powerful Motor, highlighting its dual 4000W motors, 65 MPH max speed, 440 LBS max load capacity, and 50° climbing ability.

4.3 Lighting System

For enhanced visibility and safety, especially during night riding, the scooter features:

- **Colorful Riser Ambient Lights:** Integrated into the vertical handlebar for increased side visibility.
- **Upgrade Turn Signal Lamps:** For indicating turns.
- **Super Bright Headlights:** Two powerful headlights illuminate the path ahead.



Image 4.3: The Torsor X13 Electric Scooter demonstrating its lighting features for safe night driving, including colorful riser ambient lights, upgraded turn signal lamps, and two super bright headlights.

4.4 Braking and Suspension

The X13 is equipped with hydraulic disc brakes for reliable stopping power and a dual suspension system for a comfortable ride:

- **Hydraulic Disc Brakes:** Front and rear XOD double piston oil brakes with 160mm extra-large brake discs.
- **Suspension:** Front hydraulic dual shock absorbers and rear dual spring dampers.

Front Hydraulic Dual Shock Absorbers



**Rear Dual
Spring Dampers**

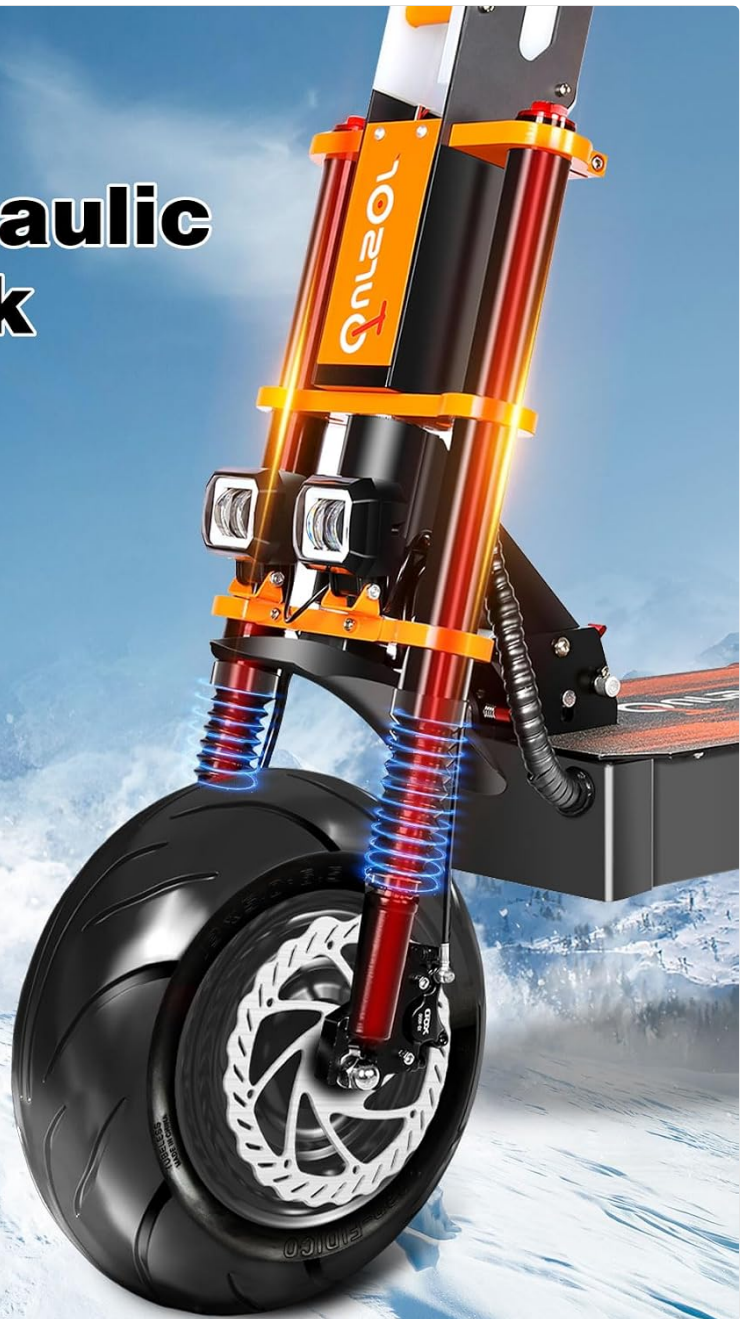


Image 4.4: A detailed view of the scooter's suspension system, featuring front hydraulic dual shock absorbers and rear dual spring dampers for improved ride comfort and stability.

Video 4.1: An overview of the Toursor X8P Electric Scooter (similar to X13), showcasing its features and design. This video provides a general visual of the scooter's appearance and some functionalities.

4.5 Tires and Terrain

The scooter is equipped with 13-inch thickened heavy-duty vacuum on-road tires, designed for outstanding adhesion, durability, and heat dissipation. These tires are suitable for various terrains, including city roads, and can handle light off-road conditions.

14" Off-Road Tires

Make It Suitable For All Terrains



Image 4.5: This image illustrates the scooter's suitability for diverse terrains, including snow, sand, mountain roads, and city roads, emphasizing the versatility of its tires.

4.6 Detachable Seat

The included detachable seat kit allows for easy transition between standing and seated riding positions, enhancing comfort for longer rides or daily commutes.

Adjustable And Comfortable Seating Experience



Image 4.6: The Toursor X13 Electric Scooter featuring its adjustable and comfortable seat, designed to provide a pleasant riding experience.

Video 4.2: A brief speed test of the Toursor X8P electric scooter (similar to X13), demonstrating its acceleration and speed capabilities. This video shows the scooter's display reaching high speeds.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your scooter.

5.1 Battery Care

- Charge the battery fully after each use, especially if storing for extended periods.
- Avoid completely draining the battery.
- Store the scooter in a cool, dry place, away from direct sunlight and extreme temperatures.

5.2 Tire Care

- Regularly check tire pressure and inflate to the recommended PSI.

- Inspect tires for wear, punctures, or damage before each ride.

5.3 Brake System

- Check brake levers for proper function and responsiveness.
- Inspect brake pads and discs for wear. Replace if necessary.
- Ensure brake fluid levels are adequate for hydraulic systems.

5.4 General Cleaning

- Wipe down the scooter with a damp cloth after use.
- Avoid using high-pressure water jets directly on electrical components.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; power switch off; loose connection	Charge battery; ensure power switch is on; check connections.
Reduced range or power	Under-inflated tires; battery degradation; riding uphill frequently	Check tire pressure; ensure full charge; consider battery replacement if significantly degraded.
Brakes feel weak or inconsistent	Worn brake pads; air in hydraulic line; low brake fluid	Inspect and replace brake pads; bleed brake lines; refill brake fluid. Professional service recommended for hydraulic brake issues.
Unusual noises during operation	Loose components; motor issue; brake rub	Inspect all fasteners; check motor for obstructions; adjust brake calipers.

7. SPECIFICATIONS

Feature	Detail
Brand	Toursor
Model Name	X13
Motor Power	Peak 8000W (Dual 4000W Brushless Hub Motors)
Battery	60V 38.8Ah Lithium-Ion
Max Speed	Up to 60 mph (96 km/h)
Max Range	Up to 65 miles (under specific conditions)
Charging Time	8-10 hours (with dual charging)
Tires	13-inch Thickened Heavy Duty Vacuum On-Road Tires
Brake Style	Hydraulic Disc Brakes (XOD double piston, 160mm disc)

Feature	Detail
Suspension Type	Dual Suspension (Front Hydraulic, Rear Spring Dampers)
Weight Limit	330 Pounds (150 kg)
Frame Material	Aluminum Alloy
Product Dimensions	53"L x 12"W x 53"H (134.6 cm x 30.5 cm x 134.6 cm)
Special Features	Digital Display, Foldable, Detachable Seat, Adjustable

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Toursor X13 Electric Scooter comes with a limited warranty. Please refer to the warranty card included in your packaging for specific terms and conditions. The warranty typically covers manufacturing defects under normal use.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Toursor customer service. When contacting support, it is helpful to have your purchase information, product model (X13), and a detailed description of the issue, including photos or videos if applicable. This will help expedite the resolution process.

Contact information can typically be found on the official Toursor website or your purchase documentation.