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> T4B Prime 500W 48V 20AH Electric Mobility Scooter User Manual

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Model: T4B Prime 500W 48V 20AH

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your T4B Prime 500W 48V 20AH Electric Mobility Scooter. Please read this manual thoroughly before using your scooter to ensure proper understanding of its features and functions. Retain this manual for future reference.

SAFETY INFORMATION

Your safety is paramount. Always observe the following precautions:

- Always wear appropriate safety gear, including a helmet, when operating the scooter.
- Ensure the battery is fully charged before each use to avoid unexpected power loss.
- Do not operate the scooter under the influence of alcohol or medication that may impair your judgment.
- Adhere to local traffic laws and regulations.
- Avoid sudden stops or turns, especially at higher speeds.
- Be aware of your surroundings and potential hazards.
- Do not exceed the maximum weight capacity of the scooter.
- Keep hands and feet clear of moving parts.
- Store the scooter in a dry, secure location away from extreme temperatures.

Battery Safety: The scooter uses a 48V 20Ah Lead Acid Battery. Handle with care. Do not expose the battery to fire or extreme heat. Use only the provided charger. Disconnect the battery if the scooter will not be used for an extended period.

PACKAGE CONTENTS

Upon unpacking, verify that all items are present:

- T4B Prime Electric Mobility Scooter
- Battery Charger

- Rain Poncho
- Portable Lock
- User Manual (this document)



Figure 1: T4B Prime Scooter and Included Accessories. This image illustrates the scooter's various components and the accessories provided in the package, including the user manual, battery charger, rain poncho, and a portable lock.

SETUP

The T4B Prime scooter is shipped in a secure metal crate with the battery connection disconnected for safety. Follow these steps to prepare your scooter for first use:

1. Carefully remove the scooter from its packaging.
2. Open the seating compartment to access the battery.
3. Reconnect the battery terminals securely.
4. Locate and flip the main breaker switch to the ON position.
5. Ensure all components are securely fastened before operation.

Your browser does not support the video tag.

Video 1: Assembly and Folding Demonstration. This video demonstrates the process of unfolding and preparing a 3-wheel mobility scooter for use, including connecting the battery, and also shows how to fold it for storage or transport.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls before operating the scooter.

Controls and Dashboard



Figure 2: Scooter Dashboard and Controls. This image highlights the various controls on the scooter's dashboard, such as the left and right mirrors, high/low beam switch, rear brake, parking brake, turn signals, horn, front brake, twist throttle, 3-speed control, day/night lights, forward/reverse switch, and ignition.

- **Ignition:** Insert the key and turn to the ON position to power on the scooter.
- **Twist-Throttle Control:** Gently twist the right-hand grip to accelerate. Release to decelerate.
- **Speed Modes:** The scooter offers 3 adjustable speed settings: 10 km/h, 14 km/h, and 22 km/h. Select the appropriate speed using the 3-speed control switch on the dashboard.
- **Brakes:** The scooter is equipped with hydraulic front brakes and drum rear brakes. Use the brake levers on the handlebars to slow down or stop. The parking brake can be engaged for secure parking.
- **Lighting System:** Utilize the full lighting system, including headlights (high/low beam), taillights, stop lights, and turn signals, for visibility and safety.
- **Digital Display:** Monitor vital information such as battery level and speed on the digital display.
- **Forward/Reverse:** Use the forward/reverse switch to change direction.

FEATURES OVERVIEW

The T4B Prime is designed with user comfort and performance in mind.

- **Motor:** Powerful 500W brushless electric motor (peaks at 800W) for smooth operation.
- **Battery:** High-capacity 48V 20Ah Lead Acid Battery, providing a range of up to 50 km on a single charge.
- **Suspension:** Front and rear motorcycle suspension for a comfortable and stable ride over various terrains.
- **Seating:** Deluxe seat with folding armrests and an adjustable 6-inch backrest for personalized comfort.
- **Tires:** 16-inch pneumatic tires designed for multi-terrain use, including bike paths, beach sand, gravel roads, and snowy paths.
- **Storage:** Ample storage options including a front glove compartment, a rear basket, and under-seat locking space.
- **Connectivity:** Integrated USB charger to power your devices on the go.
- **Convenience:** Built-in cup holders for beverages.
- **Legroom:** Designed with extra legroom for enhanced rider comfort.

T4B PRIME Scooter

All-in-one Electric Mobility Scooter

Maximum Distance*
*per charge, if mostly flat
50KM

Electric Motor
(800W Peak)
500W

Lead-Acid Battery
48V 20AH
(960WH)

Front & Rear
Dual Suspensions
for Extra Comfort

3-Speed Mode
10/14/22 KM/H
Choose Your Riding Style

Hydraulic Disc Brakes
Front Hydraulic Disc Brake
with Safety Parking Brake

Canada owned and operated since 2005

Figure 3: Key Features of the T4B Prime. This image visually represents the scooter's core features, including its 500W electric motor, 48V 20Ah lead-acid battery, front and rear dual suspensions, 3-speed riding modes, and hydraulic disc brakes with a safety parking brake.

T4B PRIME Rover **T4B PRIME Deluxe** **T4B PRIME**

Left Mirror

High/Low Beam

Rear Brake

Parking Brake Lever

MP3

USB Port

Turn Signal

Horn

Front Glove Compartment

Right Mirror

Day/Night Lights

Front Brake

Twist Trottle

3-Speed Control

Forward/Reverse

Ignition

Figure 4: Multi-Terrain Capability. This image emphasizes the scooter's 16-inch pneumatic tires and their suitability for diverse terrains, including paved bike paths, sandy beaches, gravel roads, and snowy conditions.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your scooter.

- **Battery Care:** Charge the battery regularly, even if the scooter is not in use, to maintain battery health. Avoid fully discharging the battery.
- **Tire Pressure:** Check tire pressure periodically and inflate to the recommended PSI (refer to tire sidewall for specifications).
- **Cleaning:** Clean the scooter with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- **Brake Inspection:** Regularly inspect brake pads and cables for wear and tear. Adjust or replace as needed.
- **Fasteners:** Periodically check all nuts, bolts, and fasteners to ensure they are tight.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Scooter does not power on.	Battery disconnected or low charge; breaker switch off; faulty ignition.	Check battery connection and charge level. Ensure breaker switch is ON. Contact support if ignition is suspected.
Reduced range or power.	Low battery charge; aging battery; improper tire pressure.	Fully charge battery. Consider battery replacement if old. Check and adjust tire pressure.
Brakes feel weak.	Worn brake pads; loose brake cables.	Inspect brake pads and replace if worn. Adjust brake cable tension.
Unusual noises during operation.	Loose components; motor issue; wheel bearing issue.	Check all fasteners. If noise persists, contact customer support.

SPECIFICATIONS

Key technical specifications for the T4B Prime 500W 48V 20AH Electric Mobility Scooter:

Feature	Detail
Brand	T4B
Model	T4B Prime
Motor Power	500W (800W Peak)
Battery Type	48V 20Ah Lead Acid
Maximum Speed	22 Kilometers per Hour
Range	Up to 50 km
Brake Style	Disc (Front), Drum (Rear)
Wheel Type	Solid
Turn Radius	36 Inches
Frame Material	Metal
Handle Type	Twist-throttle control
Parcel Dimensions	157.48 x 104.14 x 71.12 cm

Feature	Detail
Weight	131.54 kg (approx.)
Assembly Required	Yes
UPC	801256012294

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official T4B website. For technical support, spare parts, or any inquiries, please contact T4B customer service.

You can also visit the [T4B Brand Store on Amazon](#) for additional product information and support resources.

