



T4B 4 Wheel Mobility Scooter Instructions

Rover (no canopy) & RoverX (with canopy)



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1. IMPORTANT SAFETY INFORMATION

- The scooter is designed for **one person only** – do not carry passengers.
- **Do not** exceed the maximum weight capacity (**500 lbs / ~227 kg**)
- Always keep both hands on the handlebars and both feet on the footrests while riding.
- Only mount or dismount when the scooter is at a **complete stop**, on a level surface, with parking brake engaged, and power turned off.
- Avoid riding on steep inclines, wet, icy, slippery, muddy, or unpaved surfaces.
- Do **NOT** ride through deep puddles, standing water, or flood-prone areas – water may damage electrical components.
- **Never** use headphones or be distracted (e.g. texting) while driving.
- The scooter is **not meant for stunts**, sharp turns at high speed, or sudden acceleration/braking.

2. SPECIFICATIONS AND CAPACITY

Feature	Specification
Motor	500 W brushless (800 W peak)
Battery	48 V 20 AH Lead-Acid
Estimated Range (per charge)	Up to 50 km (varies with weight, terrain, usage)
Top Speed	Up to ~22 km/h (as per site metric: 14 kmh)
Load Capacity	Up to 500 lbs (~227 kg)
Tires	16-inch pneumatic, front and rear
Brakes	Front disk (hydraulic) + Rear drum brakes
Seat	Adjustable, with folding armrests; seat size ~ 20" x 20" (51x51 cm)
Lights & Signals	Headlight, taillight, brake light, turn signals – full lighting system included
Controls	Twist-Throttle, Digital Display, Brake levers, Turn-signal controls

3. PRE-USE SETUP & ASSEMBLY CHECK

- Before your first ride – or any ride after storage – perform the following checks:
- **Battery & Charger**
 - Ensure the battery is properly installed and connected.
 - Fully charge the battery before first use.
- **Tires**
 - Confirm both front and rear tires are properly inflated (check for adequate pressure).
 - Inspect tires for any cuts, punctures or excessive wear.
- **Brakes & Controls**
 - Test the brakes (front disk and rear drum) – make sure they stop the scooter while powered.
 - Ensure brake levers, throttle, and twist controls move smoothly and return to neutral when released.
- **Seat, Frame & Canopy (if applicable)**
- Check that the seat is firmly mounted and locked in place; adjust back-rest and armrests as needed.
- Ensure canopy (if included) is properly secured (if detachable or foldable – check for levers/clamps). Many scooters with canopies use simple clamp-based assembly.
- **Lighting & Signals**
 - Turn on lights and test headlight, taillight, brake light, and turn signals.
- **Weight & Load**
 - Ensure your weight (plus any cargo) does not exceed 500 lbs (per manufacturer spec)

4. HOW TO OPERATE THE SCOOTER

1. Sit on the seat, with both feet on footrests, both hands on handlebars.
2. Insert and connect battery (ensure fully charged).
3. Turn on the power via the display – usually by pressing and holding the power button (if your display follows standard scooter UI).
4. Release the parking brake / ensure brakes are disengaged.
5. Choose a low speed – start slowly, especially the first few rides.
6. Use the twist-throttle to accelerate – gently twist for speed; release to slow down.
7. To steer – turn handlebars smoothly. Avoid sharp turns at high speed. Slow down before turning.
8. To stop – release the throttle, apply the brake lever, and when stopped, engage the parking brake.
9. When finished riding – bring scooter to a complete stop, turn off power, engage parking brake, and dismount carefully.

5. RIDING GUIDELINES & SAFETY TIPS

- Always ride on **smooth, hard, flat surfaces** (sidewalks, paved paths). Avoid sand, gravel, grass, ice, snow, or water.
- Approach **curbs, obstacles, bumps, or speed-bumps** slowly and straight-on. Do not attempt to drive over curbs or large obstacles.
- When going **uphill or downhill**, reduce speed. On uphill inclines: do not stop – maintain momentum; if you lose momentum, stop, get off and push scooter manually.
- Avoid using the scooter in **poor weather** – rain, snow, ice or wet surfaces can affect traction and braking.
- Ensure you are **visible to others** if riding in low-light conditions – use lights, reflectors, or bright clothing.
- Do not carry **pets, extra passengers, or hang heavy bags** from handlebars. These affect stability and control.

6. BATTERY, CHARGING & MAINTENANCE

1. Sit on the seat, with both feet on footrests, both hands on handlebars.
2. Insert and connect battery (ensure fully charged).
3. Turn on the power via the display – usually by pressing and holding the power button (if your display follows standard scooter UI).
4. Release the parking brake / ensure brakes are disengaged.
5. Choose a low speed – start slowly, especially the first few rides.
6. Use the twist-throttle to accelerate – gently twist for speed; release to slow down.
7. To steer – turn handlebars smoothly. Avoid sharp turns at high speed. Slow down before turning.
8. To stop – release the throttle, apply the brake lever, and when stopped, engage the parking brake (if available).
9. When finished riding – bring scooter to a complete stop, turn off power, engage parking brake, and dismount carefully.

7. TROUBLESHOOTING & COMMON ISSUES

Problem	Possible Cause	What to Do
Scooter doesn't turn on / display blank	Battery not connected or discharged	Ensure battery is connected; charge battery fully
Scooter moves slowly or loses power mid-ride	Low battery / high load / steep incline	Stop, recharge battery; avoid overloading; use lower speed
Brakes weak / not responsive	Brake pads worn or improperly adjusted	Inspect brake system; adjust/tighten per brake manufacturer's instructions
Controls feel loose or unresponsive	Wear, loose connections	Inspect throttle, brake levers, handlebar clamps – tighten and if needed, seek professional help
Lights or signals not working	Electrical connection issue / blown bulb	Check wiring and fuses, repair or replace as needed

If you face serious mechanical or electrical problems – or are unsure – consult a qualified technician or contact the retailer for servicing.

8. STORAGE & WINTER / INCLEMENT WEATHER USE

- If storing for long periods, clean the scooter, charge the battery, then disconnect it and store in a **dry, sheltered place** (avoid damp basements or unheated garages).
- In **cold weather**, battery performance (especially lead-acid) may degrade. Charge more frequently and check battery condition before each ride. The manufacturer site warns that traction, braking, and visibility can be affected in snow or ice conditions.
- If riding during winter: avoid **icy, wet, or snow-covered surfaces**; use caution; consider extra traction accessories if available.
- If canopy or canopy frame is removable, you might consider removing/storing it during winter to avoid stress from snow, ice or wind (but only if safe and recommended by manufacturer).

9. QUICK-START CHECKLIST

Before your first ride – and each time you ride:

- Battery fully charged and connected
- Tires inflated and checked
- Brakes tested
- Seat, armrests, and canopy (if present) secure and locked
- Lights and signals functioning
- No loose or hanging items on handlebars
- Rider seated with both hands on handles, feet on footrests

10. DISCLAIMER & EXTRA NOTES

- This manual is a **general guide** based on known specifications of the T4B scooter and standard safety/maintenance practices for 4-wheel mobility scooters.
- Always follow local laws and regulations regarding mobility scooter usage (sidewalk vs road, pedestrian rules, helmet laws, age requirements, etc.).
- If you receive an **official manual from the seller/ manufacturer**, use their instructions as authoritative – especially for wiring, battery maintenance, and any warranty requirements.
- For major mechanical or electrical issues – do **not** attempt DIY repairs unless you have proper training – contact a qualified technician.

11. CANOPY INSTALLATION FOR ROVER-X

(Note: Assemble in a well-lit area)

⚠ IMPORTANT: *Two-person installation required – the window panel can crack easily.*

- **Attach Window to Roof:** Secure the window to the roof using the colour panel and short Phillips screws.
- **Install Rear Mount:** Attach the rear mount to the roof using short 10 mm bolts, washers, and rubber grommets.
- **Apply Weather Stripping:** Install weather stripping around the window using warm soapy water to ease placement.
- **Install Front Mount:** Secure the front mount to the window using short 10 mm bolts, washers, rubber pads, mirror mounts, and the specialized grommet-bolt combo.
- **Remove Front Panel:** Remove the small triangular panel at the front of the scooter (two Phillips screws near the steering column).
- **Align Canopy Assembly:** Fold down the seat and align both the front and rear mounts with the scooter's mounting holes.
- **Secure Front Mount (Loosely):** Insert three long 10 mm Phillips bolts into the front mount. Start with the center bolt and leave all bolts slightly loose.
- **Secure Rear Mount (Loosely):** Insert four long 13 mm bolts into the rear mount, leaving them loose.
- **Final Tightening:** Once all bolts are in place, fully tighten both front and rear mounts.
- **Re-attach Front Panel:** Reinstall the triangular front panel.