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T4B Sawback

iGO Outland Sawback RS 500W Electric Bike User Manual

Model: Sawback RS | Brand: T4B

1. INTRODUCTION

Welcome to the iGO Outland Sawback RS Electric Bike user manual. This guide provides essential information for the safe and efficient operation, maintenance, and care of your new electric bicycle. Please read this manual thoroughly before your first ride and keep it for future reference.

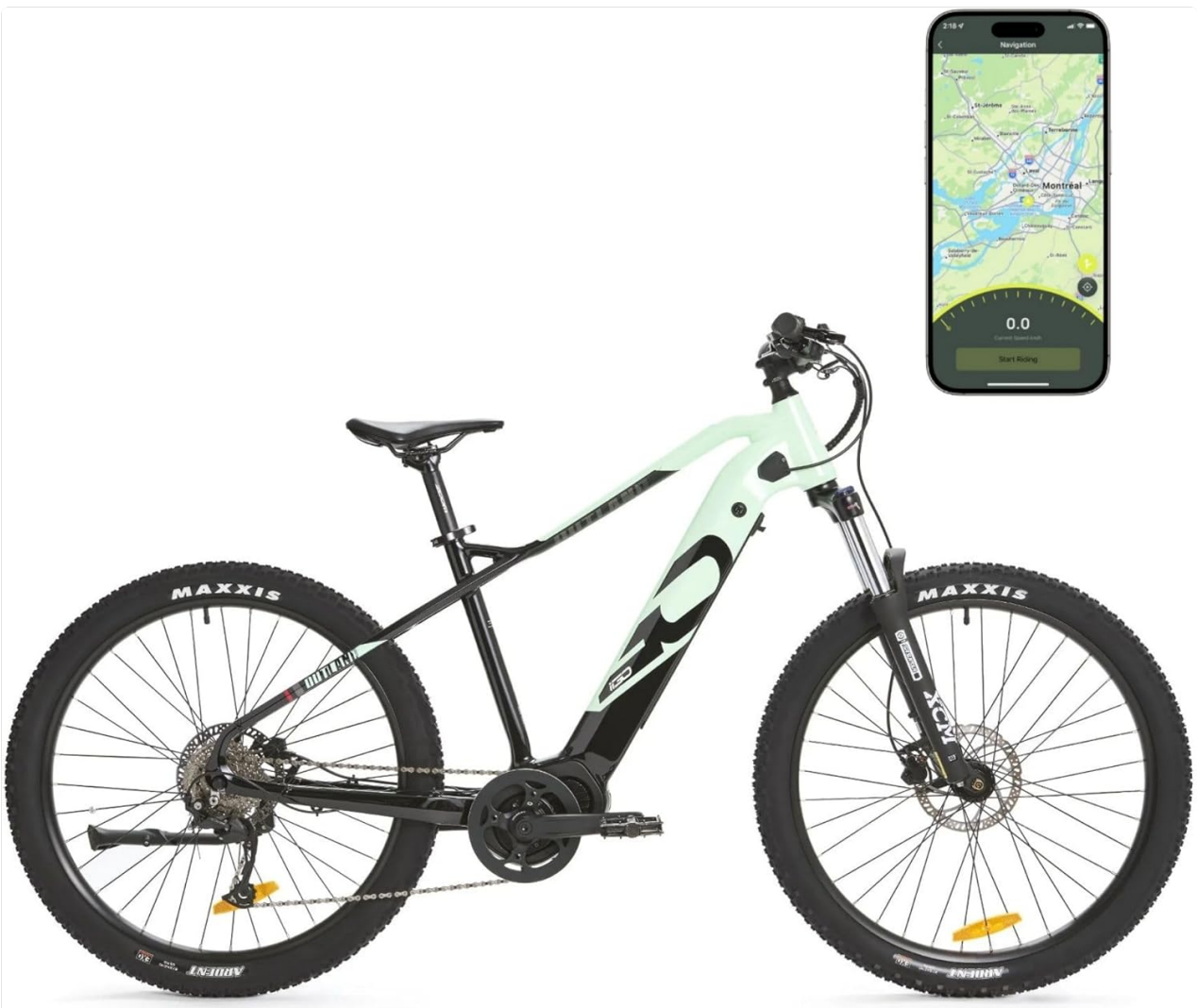


Figure 1: The iGO Outland Sawback RS Electric Bike. This image displays the full side profile of the electric mountain bike, highlighting its frame, wheels, and integrated battery design.

2. SETUP AND INITIAL ASSEMBLY

2.1 Unboxing and Component Check

Carefully remove the bicycle from its packaging. Inspect all components for any signs of damage during transit. Ensure all listed parts are present:

- iGO Outland Sawback RS Electric Bike frame with integrated battery
- Front wheel
- Handlebar
- Pedals
- Charger
- User Manual (this document)
- Tool kit (if included)

2.2 Handlebar and Seatpost Adjustment

Adjust the handlebar to a comfortable riding position and secure it firmly. Insert the seatpost into the frame and adjust the saddle height to allow for a slight bend in your knee when the pedal is at its lowest point. Ensure the quick-release lever or bolt is tightened securely.

2.3 Pedal Installation

Identify the left (L) and right (R) pedals. The left pedal threads counter-clockwise, and the right pedal threads clockwise. Apply a small amount of grease to the threads and tighten them securely with a wrench.

2.4 Battery Charging

Before your first ride, fully charge the battery. Connect the charger to the battery charging port and then to a power outlet. The indicator light on the charger will change when charging is complete. A full charge typically takes 4-6 hours.

2.5 Tire Inflation

Inflate tires to the recommended pressure indicated on the tire sidewall. Proper tire pressure is crucial for safety, performance, and battery range.

2.6 Pre-Ride Safety Checks

Always perform the following checks before each ride:

- **Brakes:** Ensure both front and rear brakes are functioning correctly and levers are easily accessible.
- **Tires:** Check for proper inflation and inspect for any damage or foreign objects.
- **Quick Releases:** Verify all quick-release levers (wheels, seatpost) are securely closed.
- **Battery:** Ensure the battery is securely seated in its compartment.
- **Handlebar & Seat:** Confirm they are tight and do not rotate or slip.

3. OPERATING YOUR ELECTRIC BIKE

3.1 Powering On/Off

To power on the bike, press and hold the power button on the control panel (usually located on the handlebar). The display will illuminate. To power off, press and hold the power button again until the display turns off.

3.2 Pedal Assist System (PAS)

The iGO Outland Sawback RS features a 5-level Pedal Assist System (PAS) that provides motor assistance as you pedal. Use the '+' and '-' buttons on the control panel to cycle through the assistance levels:

- **Eco:** Minimum assistance, maximum range.
- **Tour:** Moderate assistance for comfortable cruising.
- **Sport:** Increased assistance for varied terrain.
- **Turbo:** High assistance for challenging climbs or speed.
- **Boost:** Maximum power output for demanding situations.

The motor provides up to 130Nm of torque, ensuring strong climbing performance across all assist levels.

3.3 Using the Thumb Throttle

The bike is equipped with a push-activated thumb throttle for instant electric acceleration without pedaling. The throttle can be used to get a quick boost or to maintain speed without continuous pedaling. Use the throttle responsibly and be aware of your surroundings.

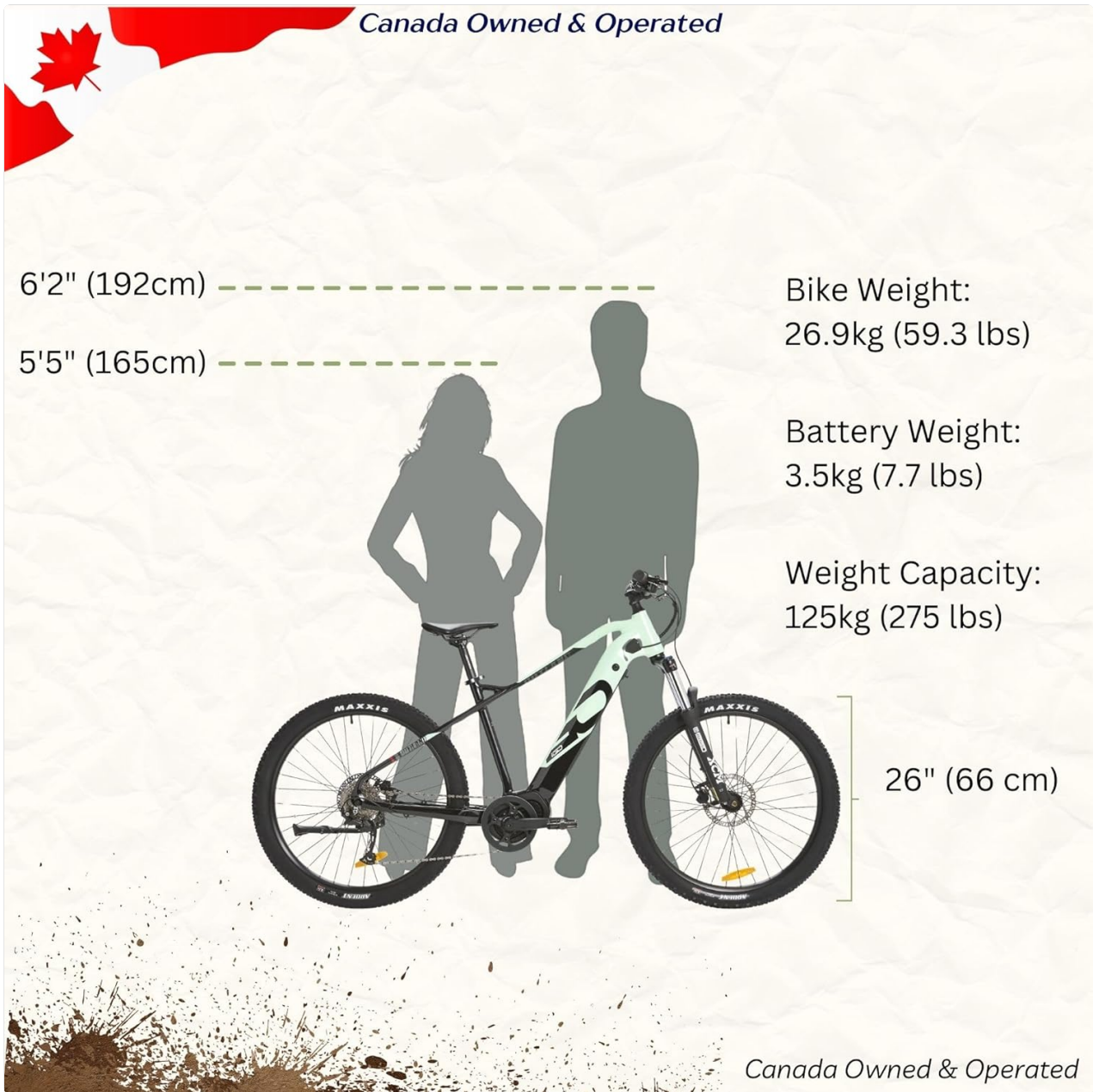


Figure 2: Mid-drive motor and pedal assembly. This image shows the powerful 48V 500W mid-motor, which delivers up to 130Nm of torque for superior traction and climbing performance.

3.4 Gear Shifting

Utilize the bicycle's gears in conjunction with the pedal assist system to optimize your riding efficiency and battery range. Shift gears smoothly to match terrain and speed, avoiding shifting under heavy load.

3.5 Braking

The iGO Outland Sawback RS is equipped with disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for effective and controlled deceleration. Avoid sudden, hard braking, especially at high speeds.

4. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and safe operation of your electric bike.

4.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid fully discharging the battery.
- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not expose the battery to water or moisture.

4.2 Tire Maintenance

- Check tire pressure before each ride and inflate to recommended PSI.
- Inspect tires for cuts, punctures, or excessive wear.

4.3 Brake System Maintenance

- Regularly check brake pads for wear and replace them when necessary.
- Ensure brake levers have proper tension and return smoothly.
- Listen for unusual noises during braking, which may indicate an issue.

4.4 Cleaning and Storage

- Clean the bike with a damp cloth and mild soap. Avoid high-pressure washers, especially near electrical components.
- Do not submerge any electrical parts in water.
- Store the bike in a dry, secure location, protected from extreme weather.

4.5 Chain Lubrication

Regularly clean and lubricate the chain to ensure smooth gear changes and prevent premature wear. Use bicycle-specific chain lubricant.

5. TROUBLESHOOTING

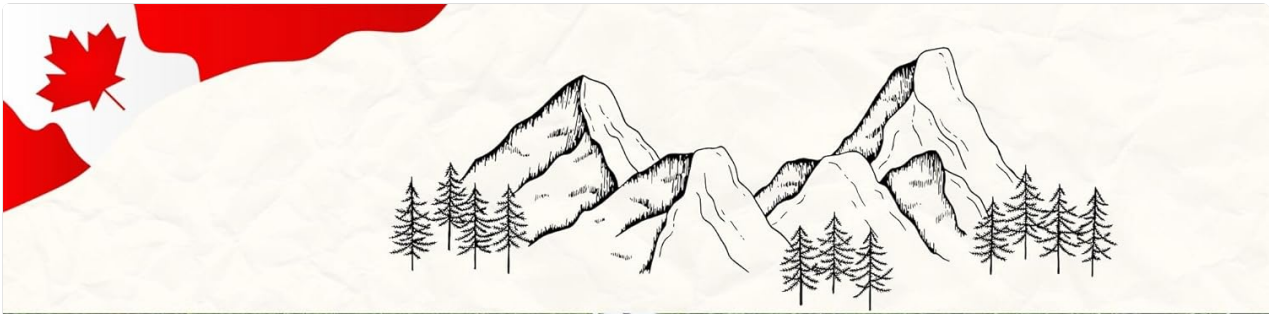
This section addresses common issues you might encounter with your iGO Outland Sawback RS electric bike.

Problem	Possible Cause	Solution
Bike does not power on	Battery not charged or not properly seated; loose connections; power button issue.	Ensure battery is fully charged and securely installed. Check all visible cable connections. Try pressing the power button firmly.
Motor not assisting	PAS level set to zero; brake levers engaged; sensor issue.	Increase PAS level. Ensure brake levers are fully released. Check for any obstructions around the pedal assist sensor.
Brakes feel spongy or ineffective	Worn brake pads; air in hydraulic lines (if applicable); misaligned calipers.	Inspect brake pads and replace if worn. Consult a bike mechanic for hydraulic brake bleeding or caliper adjustment.
Unusual noises from drivetrain	Dry chain; misaligned derailleur; loose components.	Clean and lubricate the chain. Check derailleur alignment. Inspect all bolts and tighten if loose.

6. TECHNICAL SPECIFICATIONS

Detailed specifications for the iGO Outland Sawback RS Electric Bike:

Feature	Specification
Model Name	Sawback
Brand	T4B
Bike Type	Electric Mountain Bike (Tubular Tire)
Motor	48V 500W Mid-Drive Motor (up to 130Nm torque)
Battery	48V 15Ah (720Wh) Integrated Lithium Battery
Estimated Range	Up to 75 km (46 miles)
Frame Material	Aluminum
Suspension Type	Front Suspension
Brake Style	Disc Brakes
Color	Green
Size	Large
Included Components	Kickstand, Lock
Product Weight	26.9 kg (59.3 lbs)
Battery Weight	3.5 kg (7.7 lbs)
Max Weight Capacity	125 kg (275 lbs)
UPC	801256013673



THE ULTIMATE OFF-ROAD E-BIKE

The iGO Outland - Torngat RS delivers trail-ready performance with its color-coded Pedal Assist System (Eco/Tour/Sport/Turbo/Boost) and a front suspension fork that absorbs bumps effortlessly. Aggressive MAXXIS Minion M346 (front) and M347 (rear) 26"x4.8" tires provide unstoppable grip, ensuring confidence on rugged terrain.

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Figure 3: Dimensions and weight specifications. This image illustrates the bike's size relative to average human heights and provides key weight capacities for the bike and battery.



FAT E-BIKE FOR ADVENTURES

The iGO Outland - Sawback RS is ideal for outdoor adventures, with a 48V 500W mid drive motor delivering 130Nm torque for tough terrain. Its removable SAMSUNG 720Wh battery extends your ride, offering freedom to explore up to 80km on a single charge,

Canada Owned & Operated

Figure 4: Front view of the iGO Outland Sawback RS, showcasing the front suspension and wheel.



HIGH-PERFORMANCE E-BIKE

The iGO Outland - Sawback RS features a 5-level Pedal Assist System (Eco/Tour/Sport/Turbo/Boost) for effortless power adjustment, and a push-activated thumb throttle for instant electric acceleration without pedaling.

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Figure 5: Side view of the iGO Outland Sawback RS, highlighting the frame geometry and overall design.

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your iGO Outland Sawback RS Electric Bike comes with a manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty card included with your purchase or visit the official T4B website for detailed warranty terms and conditions. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, spare parts, or any questions not covered in this manual, please contact T4B customer support. Contact information can typically be found on the brand's official website or on your purchase documentation. When contacting support, please have your model name (Sawback RS) and serial number ready.

