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### Gotrax GXL V2

# Gotrax GXL V2 Electric Scooter & Retrospec Dakota Helmet User Manual

Your comprehensive guide to safe and effective use.

## 1. INTRODUCTION

This manual provides essential instructions for the safe operation, assembly, maintenance, and troubleshooting of your Gotrax GXL V2 Electric Scooter and Retrospec Dakota Helmet. Please read this manual thoroughly before first use to ensure your safety and the longevity of your products.



Image 1: The Gotrax GXL V2 Electric Scooter (pink) and the Retrospec Dakota Helmet (black).

## 2. SAFETY INFORMATION

### 2.1 General Safety Guidelines

- Always wear a helmet and other protective gear (knee pads, elbow pads) when riding the electric scooter.
- Ensure all components are securely fastened and in good working order before each ride.
- Do not ride in wet conditions, on uneven surfaces, or in heavy traffic.
- Adhere to local traffic laws and regulations.
- Avoid riding under the influence of alcohol or drugs.
- Maintain a safe distance from pedestrians and other vehicles.

## **2.2 Electric Scooter Specific Safety**

- Do not exceed the maximum weight limit.
- Avoid sudden acceleration or braking.
- Keep both hands on the handlebars while riding.
- Be aware of your surroundings and potential hazards.

## **2.3 Helmet Specific Safety**

- Ensure the helmet fits snugly and the straps are properly adjusted.
- A helmet that has sustained an impact, even if it appears undamaged, should be replaced immediately.
- Do not modify the helmet in any way.



Image 2: Close-up of the Retrospec Dakota Helmet highlighting its fully formed ABS shell for protection and EPS foam lining for impact absorption.

### 3. GOTRAX GXL V2 ELECTRIC SCOOTER SETUP

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#### 3.1 Unboxing and Initial Inspection

1. Carefully remove all components from the packaging.
2. Verify that all parts are present and undamaged. Refer to the packing list for details.

#### 3.2 Handlebar Assembly

1. Unfold the scooter stem until it locks into place.
2. Attach the handlebars to the stem, ensuring the cables are not pinched.
3. Secure the handlebars using the provided screws and tools. Tighten firmly.

#### 3.3 Charging the Battery

- Locate the charging port on the scooter.
- Connect the charger to the scooter, then plug it into a power outlet.
- The charging indicator light will change (e.g., red to green) when fully charged.
- Allow approximately 3-4 hours for a full charge. Do not overcharge.

### 3.4 Pre-Ride Checks

- Check brake functionality.
- Ensure all quick-release levers and folding mechanisms are securely locked.
- Verify tire condition (solid tires do not require air pressure checks, but inspect for damage).
- Test the headlight.

## 4. RETROSPEC DAKOTA HELMET SETUP

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### 4.1 Proper Fit

1. Place the helmet squarely on your head, covering your forehead. It should not tilt back or forward.
2. The helmet should feel snug but comfortable. If it moves freely, adjust the internal padding. The helmet includes two sets of inner pads of varying thickness for a customizable fit.

### 4.2 Strap Adjustment

1. Fasten the chin strap buckle.
2. Adjust the straps so they form a 'V' shape under your ears.
3. Tighten the chin strap until it is snug but not uncomfortable. You should be able to open your mouth wide, but the helmet should not move significantly.



Image 3: Side view of the Retrospec Dakota Helmet, showing the adjustable chin straps and buckle for a secure fit.



**GOTRAX**

## Gotrax GXL V2 Adults Electric Scooter

Image 4: Top and interior view of the Retrospec Dakota Helmet, illustrating the 10 rectangular vents for ventilation and the two sets of removable interior padding for comfort and sweat-wicking.

### 5. GOTRAX GXL V2 ELECTRIC SCOOTER OPERATING INSTRUCTIONS

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#### 5.1 Power On/Off

- To power on: Press and hold the power button on the handlebars for a few seconds.
- To power off: Press and hold the power button again until the display turns off.

#### 5.2 Riding the Scooter

1. Place one foot on the deck and push off with the other foot to gain initial momentum.
2. Once moving, gently press the throttle lever to engage the motor.
3. To brake, release the throttle and gently press the rear brake lever.
4. The scooter features an 8.5" inner hollow tire for shock absorption and a headlight for visibility.

### 5.3 Multifunctional LED Display

The LED display provides real-time information:

- **Speed Mode:** Indicates current speed setting.
- **Range:** Estimated remaining distance.
- **Battery Status:** Current battery charge level.
- **Cruise Control:** Icon indicates if cruise control is active.
- **Headlight:** Icon indicates if the headlight is on.

### 5.4 Folding System

The GXL V2 features a one-step folding system for easy storage and transport:

1. Ensure the scooter is powered off.
2. Locate the folding latch mechanism near the base of the stem.
3. Engage the latch to release the stem, then fold it down towards the rear wheel until it locks into place.



**Fully Formed ABS Shell**  
Protective and lightweight



**EPS Foam Lining**  
Absorbs impact energy

## 6. MAINTENANCE

### 6.1 Gotrax GXL V2 Electric Scooter Maintenance

- **Cleaning:** Wipe the scooter with a damp cloth. Do not use high-pressure water or immerse in water.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its lifespan. Store in a cool, dry place.
- **Brake Inspection:** Periodically check the brake lever and cable for proper tension and wear. Adjust as needed.
- **Fastener Check:** Regularly inspect all screws and bolts to ensure they are tight.

### 6.2 Retrospec Dakota Helmet Maintenance

- **Cleaning:** Clean the helmet shell with mild soap and water. Avoid harsh chemicals.
- **Padding:** The interior padding is removable and washable. Hand wash with mild soap and air dry.
- **Storage:** Store the helmet in a cool, dry place away from direct sunlight.

## 7. TROUBLESHOOTING (GOTRAX GXL V2 ELECTRIC SCOOTER)

Problem	Possible Cause	Solution
Scooter does not power on	Low battery; Loose connection	Charge the battery; Check all cable connections.
Reduced range/speed	Low battery; Overload; Riding conditions	Fully charge battery; Ensure rider weight is within limits; Avoid steep inclines.
Brakes not effective	Brake cable loose; Worn brake pads	Adjust brake cable tension; Inspect and replace brake pads if necessary.
Unusual noises	Loose components; Debris in wheels	Check all fasteners; Inspect wheels for foreign objects.

## 8. SPECIFICATIONS

### 8.1 Gotrax GXL V2 Electric Scooter

- **Motor:** 250W
- **Max Speed:** Up to 15.5 Mph
- **Max Range:** 9-12 Miles (under optimal conditions)
- **Battery:** 36V 5.2AH 187.2W
- **Tires:** 8.5" Inner Hollow Solid Tires
- **Brake Style:** Rear Braking
- **Special Feature:** Foldable

- **Frame Material:** Aluminum

## 8.2 Retrospec Dakota Helmet

- **Shell Material:** Fully formed ABS
- **Lining:** EPS Foam
- **Ventilation:** 10 Rectangular Vents
- **Interior:** Moisture-wicking, removable, and washable padding (2 sets)
- **Recommended Use:** Commuter, Bike, Skate, Scooter, Longboard, Incline Skating





## 9. WARRANTY AND SUPPORT


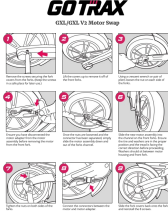
Both the Gotrax GXL V2 Electric Scooter and Retrospec Dakota Helmet come with a limited warranty. For specific warranty terms, duration, and to register your product, please refer to the official Gotrax and Retrospec websites or contact their customer support directly. Keep your proof of purchase for warranty claims.

For technical support or service inquiries, please visit the respective brand's official support pages:

- **Gotrax Support:** [www.gotrax.com/support](http://www.gotrax.com/support)
- **Retrospec Support:** [www.retrospec.com/support](http://www.retrospec.com/support)

### Related Documents - GXL V2

	<p><a href="#">GOTRAX G Pro Electric Scooter User Manual</a></p> <p>Comprehensive user manual for the GOTRAX G Pro electric scooter, covering assembly, charging, operation, safety guidelines, maintenance, and troubleshooting. Learn how to safely operate and care for your GOTRAX G Pro.</p>
	<p><a href="#">GOTRAX GXL Folding Electric Scooter User Manual</a></p> <p>Comprehensive user manual for the GOTRAX GXL Folding Electric Scooter, covering assembly, operation, safety, maintenance, and troubleshooting. Learn how to safely ride and care for your electric scooter.</p>
	<p><a href="#">Gotrax GXL V2 Electric Scooter User Manual: Assembly, Charging, and Riding Guide</a></p> <p>Comprehensive user manual for the Gotrax GXL V2 electric scooter, covering assembly instructions, charging procedures, safety guidelines, maintenance tips, and troubleshooting.</p>
	<p><a href="#">GOTRAX GXL V2 Electric Scooter User Manual</a></p> <p>Comprehensive user manual for the GOTRAX GXL V2 Electric Scooter, covering assembly, operation, safety, maintenance, and troubleshooting.</p>

 <p>The image shows the front cover of the GOTRAX NEBULA electric scooter user manual. It features a stylized illustration of the scooter in white and teal, with the brand name 'GOTRAX' and model 'NEBULA' prominently displayed.</p>	<p><a href="#">GOTRAX Nebula Electric Scooter User Manual</a></p> <p>Comprehensive user manual for the GOTRAX Nebula electric scooter, covering assembly, charging, operation, maintenance, safety guidelines, and warranty information for safe and optimal use.</p>
 <p>The image shows a page from the GOTRAX GXL/GXL V2 Motor Swap Guide. It contains a grid of nine numbered diagrams (1-9) illustrating the step-by-step process of swapping the motor on the scooter. The diagrams show various components like the motor, gears, and the scooter's frame.</p>	<p><a href="#">GOTRAX GXL/GXL V2 Motor Swap Guide</a></p> <p>Step-by-step instructions for swapping the motor on a GOTRAX GXL or GXL V2 electric scooter.</p>