

gio **ELECTRIC**
ELECTRIFY YOUR WORLD



Tron
Mobility Scooter
GIO Electric eScooter Owners Manual - EN

**PLEASE INSPECT YOUR GIO ELECTRIC TRON MOBILITY SCOOTER
UPON ARRIVAL AND REPORT ANY DAMAGES THAT MAY HAVE
OCCURRED DURING SHIPPING**





SAFETY INFORMATION



Please note the following information to ensure your safety and get better use out of your GIO TRON Mobility Scooter. Keep this manual safe for future reference.

Please read the manual prior to first use and do not permit anyone who has not, operate the vehicle.

⚠ NOT FOLLOWING THE SAFETY AND OPERATIONAL INSTRUCTIONS IN THIS MANUAL MAY LEAD TO DAMAGE TO THE SCOOTER AND INJURY TO THE RIDER ⚠

This scooter is designed only for one adult only. Never exceed the max load capacity of the vehicle. 330lbs (140kg)

Take extra care when handling the batteries inside your scooter. Avoid directly touching contacts with damp hands or metal tools to prevent electrocution.

To ensure the safety and reliability of your scooter, do not modify your scooter, and always use parts, i.e. charger, specifically designed for the GIO Tron.

⚠ ALWAYS APPLY BRAKES WHILE GOING DOWNHILL TO CONTROL SPEED AND AVOID SHARP TURNS AT HIGHER SPEEDS TO PREVENT TIPPING SIDEWAYS! ⚠

⚠ THIS VEHICLE WAS NOT MANUFACTURED PRIMARILY FOR USE ON THE PUBLIC ROADS AND THUS IS NOT A MOTOR VEHICLE SUBJECT TO THE FEDERAL MOTOR VEHICLE SAFETY, BUMPER AND THEFT PREVENTION STANDARDS OR THE EQUIPMENT ITEM IS NOT A SYSTEM, PART, OR COMPONENT OF A MOTOR VEHICLE AND THUS IS NOT AN ITEM OF MOTOR VEHICLE EQUIPMENT SUBJECT TO THE FEDERAL MOTOR VEHICLE SAFETY STANDARDS. [591.5(A)] ⚠

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Riding Safety

ALWAYS practice riding your scooter in an open area prior to driving amongst vehicle/pedestrian traffic

ALWAYS wear an approved helmet when riding your scooter

ALWAYS accelerate slowly and steer with both hands

ALWAYS drive with caution at appropriate speeds

ALWAYS use your scooters turn signals and horn

ALWAYS obey local traffic law

ALWAYS be aware of your surroundings, pedestrians, traffic, etc

ALWAYS take extra care when driving in spaces shared with motor vehicles: parking lots, driveways, crosswalks etc

ALWAYS apply brakes while driving downhill to regulate speed

ALWAYS take extra care driving in wet conditions

ALWAYS use your lights when driving in darker conditions

ALWAYS wear reflective clothing while driving in darker conditions

ALWAYS adjust the seat/steering column while stationary

ALWAYS follow the battery/scooter care instructions

ALWAYS inspect your scooter prior to use

AVOID driving off-road or on surfaces that may lead to scooter damage

AVOID driving in conditions that may get the electric components wet

AVOID driving in conditions where you are not visible

AVOID overloading the scooter

AVOID inclines greater than the recommended maximum of 12°

NEVER driving while fatigued or tired

NEVER driving under the influence of drugs or alcohol

NEVER distracted driving by not using a cell phone while driving

NEVER use replacement parts not approved by GIO Electric

NEVER use a charger not included or approved of by GIO Electric

Overview

Thank you for your purchase of the GIO Electric Tron Mobility Scooter. It is an easy to operate mobility scooter designed for indoor and outdoor use. This stylish recreational mobility scooter doesn't require any licensing, registration or insurance.* (**unless required locally*)

Inspired by motorcycle design, the Tron is packed with features from backup claxon to generous top speeds, long driving range, rear shock suspension, highly adjustable smart seat and more! This manual contains a wide range of general information and should be read before you operate it.

Assembly

Your Tron arrives 95% assembled and is ready in 6 simple steps and only requires a basic screwdriver and adjustable wrench.

Step 1 - Unboxing

Unpack your Tron - Untie or snip the wires holding your scooter in its protective frame and remove it from its packaging. We recommend saving shipping material until assembly is complete to avoid accidental loss of small parts/components. Double check that your Tron includes the following components:

Shopping Basket



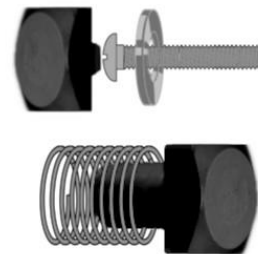
Keys (x2)



Headrest



Headrest Hardware



Charger



Mirrors



(Due to a packing error your Tron may include a spare headrest mounting arm. This extra piece is not used in assembly.)

Step 2 - Front Basket

Loosen the large plastic knobs on the steering column, adjust the steering column into a fully upright position, and retighten the knobs.



Your basket lowers into place on the front basket bracket and is easily removed to use while shopping away from your scooter.

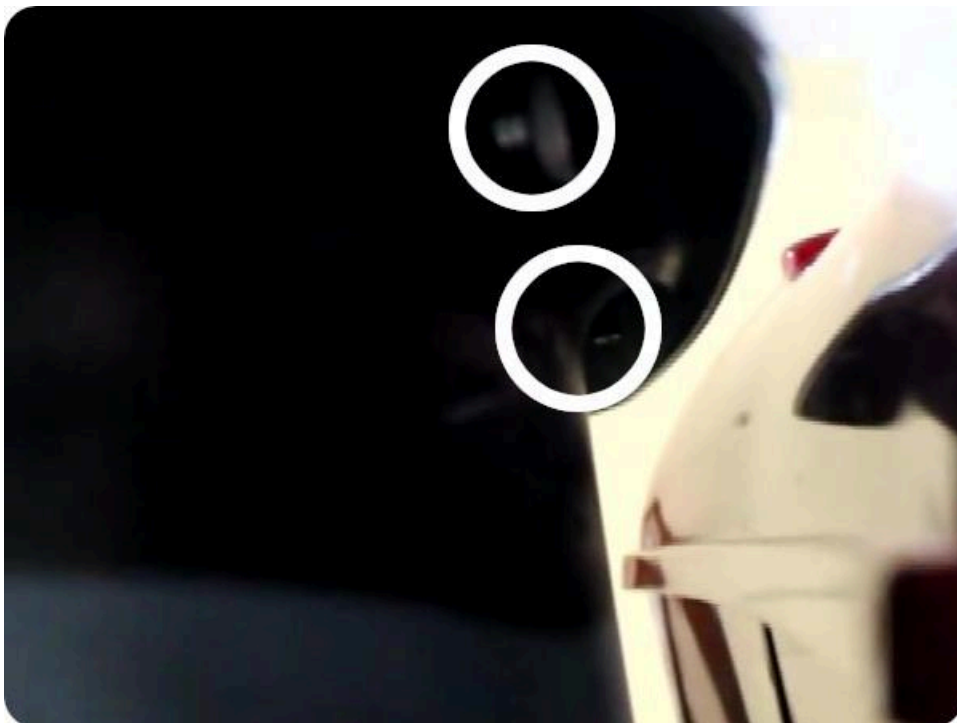


Step 3 - Seat

Locate the 2 metal mounting knobs located on the back of the seat back and remove.

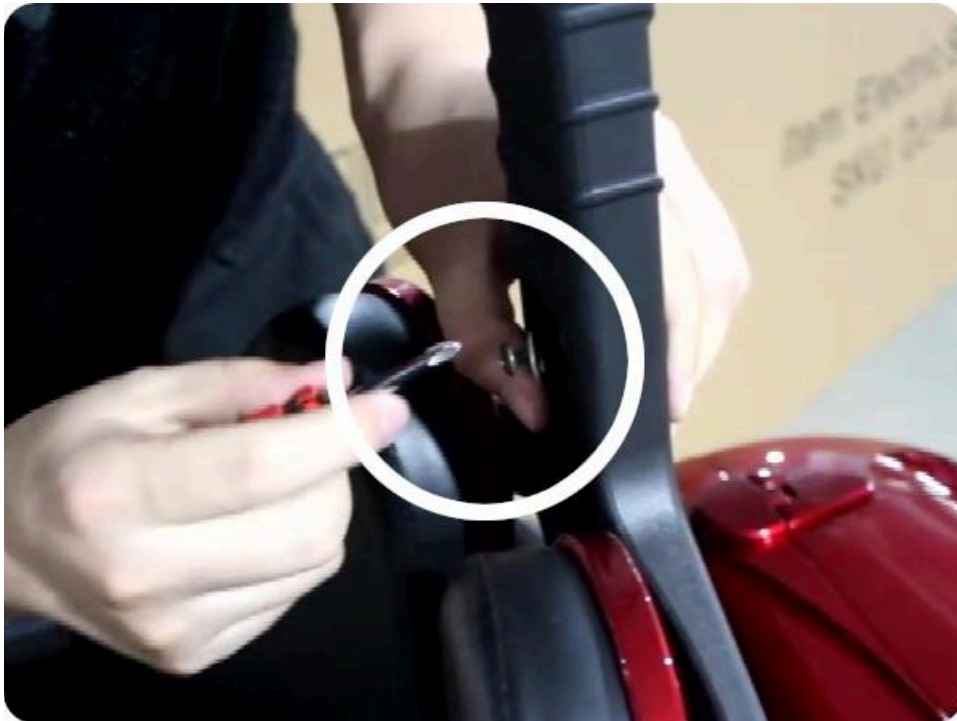


Carefully align the bolts on the seat back with the holes in the back of the seat bucket, replace the mounting knobs and tighten into place. Please note the holes are located just under the outside lip of the seat bucket.



Step 4 - Headrest

Insert the headrest into the mounting bracket on the rear of the seat. Install the quick adjust button by inserting the plastic push button, with spring slid over it, into the rear hole at the base of the mounting bracket and the bolt, with washer added, into the corresponding hole on the front of the bracket. Secure the bolt into the button with a screwdriver. Finish off the look of the headrest by placing the plastic cap over the screwhead and pressing into place.



Step 5 - Mirrors

Twist each mirror into place until snug and tighten with a wrench if necessary.

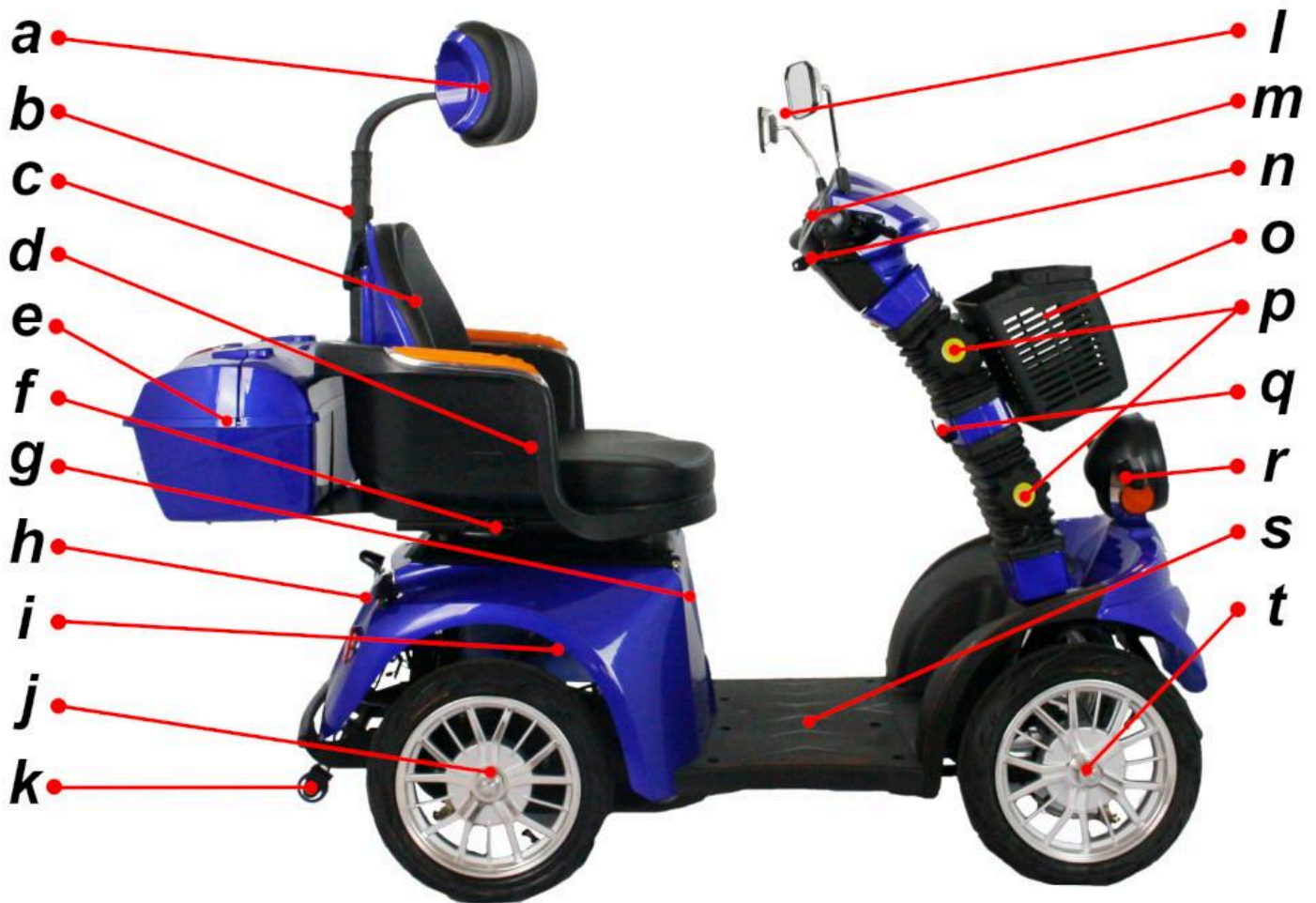


Step 6 - Breaker

The breaker on the scooter ships in the off position. It must be turned on before charging or using your scooter. Open the under seat compartment from the rear lock and locate the breaker at the front right side. Push the breaker to the on position and you are now ready to charge.



Scooter Diagram



- a Adjustable headrest
- b Headrest quick adjust button
- c Adjustable seat back
- d Swivel seat bucket w/ cushion
- e Rear storage container w/lock
- f Seat distance adjustment handle
- g Charging port
- h Rear lights & under seat latch
- i Under seat compartment, controller & battery
- j Rear wheels & brakes, motor

- k Tip protection wheels
- l Rearview mirrors
- m Handlebars, controls, display
- n Ignition
- o Removable shopping basket
- p Steering column adjustment knobs
- q Bag hook
- r Front lights & headlight
- s Footrest
- t Front wheels & brakes

Control Diagrams



- | | | | |
|---|----------------------|---|-------------------|
| A | High/low beam switch | G | Speed (km/hr) |
| B | Turn signal switch | H | Speed setting |
| C | Horn buttons | I | Battery level |
| D | Lights switch | J | Battery voltage |
| E | Speed switch | K | Traveled distance |
| F | Reverse button | | |



Operating & Adjusting your Scooter

Turning your Scooter ON/OFF

To turn the scooter on, insert the key into the ignition and turn clockwise. To turn your scooter off, turn the key counterclockwise from the on position. The LCD display should activate indicating the scooter is on.

Driving your Scooter

The Tron features a variable twist throttle on the right handlebar. Gently twist the throttle grip inwards to slowly accelerate to the desired speed. Avoid twisting too hard or too quickly as this may result in jumps in accelerations making steering less controllable.

To slow or stop your scooter, release the throttle and squeeze both brake levers to apply both front and rear brakes. Always apply both brakes at the same time, especially when traveling at higher speeds. Please note the electric braking function of your scooter will prevent the motor from starting if the brakes are applied.

⚠ Drive with care on wet/slippery/icy surfaces as it will increase the distance needed to stop, allow extra room for braking in these conditions. When driving downhill it is recommended to release the throttle & apply brakes as needed to control the scooter's speed. ⚠

Your scooter features control switches next to the throttle grip that adjust driving features. The upper switch labeled 1-3 sets the current speed setting of the scooter. (Setting approximate speed: 1 - 3.75mph(6km/h), 2 - 7.5mph(12km/h) 3 - 15mph(25km/hr)) The lower switch drives the scooter in reverse at 5mph(8km/h). **Bring your scooter to a complete stop before switching between forward and reverse.**

Driving your Scooter continued...

The brake handle also features a parking brake option. Once stopped you can apply the parking brake by squeezing the brake normally and then pressing in the small parking brake lever on the brake handle. To release the parking brake simply squeeze the brake handle again. Always park on a level surface.

Using the electric features of you Scooter

Your scooter has several features that have controls also located on either side of the display screen. (See control diagram for locations)

Right Side Controls:

The 3 position black switch controls the scooters lights:

- (☀) All lights including headlight ON
- (>DQ<) Daytime signal & running lights only or
- (○) All lights OFF

The button located below the light switch, labeled with a horn, symbol activates the scooter's horn.

Left Side Controls:

The upper switch adjusts the intensity of the headlight when it is active. Low beam and high beam.

The center switch controls the turns signals by pushing it in the direction you want to indicate. Return it to the center position to turn turn signals off.

The lowermost of the switches is a button labeled with a horn symbol that activates the scooter's horn in addition to the horn button on the right side.

Charging your Scooter

Your scooter does not come fully charged and requires a full charge before your first use. To maintain the batteries life charge after use and don't allow the battery to empty completely. Locate the charging port just below the front of the seat, insert the corresponding end of your charger and then plug into a standard wall socket. The light on the charger will illuminate **red** while your scooter is charging and will switch to **green** when charging is complete. (Approximately 8-10 hours)

Please note that your charger may become warm or emit sound during charging, this is normal. Oppositely if it doesn't, this does not indicate a problem with your charger.

Avoid dropping your charger and keep away from moisture & cold temperatures! Your scooter will only charge and operate with the breaker in the ON position!

Adjusting your scooter

The "smart" seat on the Tron has several possible adjustments.

Headrest

To adjust the height of the headrest, press the quick adjust button and shift the headrest to the desired position. Release the button and ensure the headrest is properly locked into place. Once at the desired height the angle of the headrest cushion can be adjusted manually by turning it. The head rest also shifts in unison with the backrest to offer the riders head support when the backrest is lowered into a reclining position

The backrest of the scooter consists of 2 separate cushions sections and vertical support. Each section automatically shifts with the pressure applied by the rider. To recline simply lean back on the seat and allow the backrest to adjust to your angle.

Seat

The seat of the Tron swivels to allow the rider easy access, as well as shift forward backwards. To adjust either, locate the seat adjustment handle located on the right side of the base of the seat. Engage the handle, adjust the seat to your liking and release the handle. Always remember to come to a complete stop before adjusting the seat.

Steering Column

As part of the smart seat design the Tron's steering column is adjustable to accommodate the 4 riding positions. Begin by loosening the steering column adjustment knobs, then carefully shift the steering column into the desired position. Once the desired position is set, tighten the adjustment knobs to set the steering column into place.

Riding positions



Storage on your Scooter

Your scooter comes complete with several storage options. The largest being the enclosed container on the seat located on the back of the seat and is lockable with the scooters keys. There is also a hidden storage compartment located beneath the seat, it is accessible by unlocking the latch located on the rear of the scooter below the seat. There is a bag hook located just below the LCD screen, perfect for shopping bags or a purse.

Maintenance & Care

The GIO Tron requires minimal maintenance which can be performed by most users, a friend or family member, or scooter technician. Visually inspect your scooter regularly for any signs of damage, especially after any collisions or accidents.

⚠ To ensure the safety and reliability of your scooter, do not modify your scooter, and always use parts, i.e. charger, specifically designed for the GIO Tron. Always make sure your scooter is turned off before performing any maintenance! ⚠

Safety Inspection List

BEFORE YOUR FIRST RIDE and periodically after, check the following:

Brakes:

- Do the brakes prevent movement when they are squeezed?
- Does the power supply correctly cut out while braking?
- Is there any friction or noise when driving?

Tires:

- Are they properly inflated? (40 PSI)
- Are the tires in good condition?

Safety Inspection List Continued...

Lights:

- Do the turn signals function properly?
- Does the headlight function properly?

Steering Handle:

- Does it turn freely?

General:

- Are there any loose parts, nuts, bolts etc?

Any issues found should be addressed before riding the scooter!

Battery

⚠ Always charge your battery with the included charger, do not substitute with a different charger. For best performance, charge after use and avoid completely draining the battery by recharging it before the meter reaches zero. ⚠

The battery in your scooter requires regular charging, even when not in use, to maintain its life. This maintenance charge should be performed at least once a month if no other charging has occurred. If storing the scooter for an extended period of time, such as during winter, ensure that it is accessible to perform the required maintenance charging.

All batteries are affected by environmental temperature. The battery will discharge faster at lower temperatures, resulting in a shorter trip time. Prolonged exposure to subzero temperatures may result in damage to the battery.

Ensure the battery does not come in contact with flames or alkaline materials and avoid direct prolonged exposure to sunlight.

The speed the scooter is driven at will directly affect the range and battery life of each ride. The faster the scooter is driven the shorter total ride time will be. Lower speeds will provide the best performance.

Tires

The Tron is equipped with tubeless tires, these require less maintenance, and are less prone to flats compared to traditional tube tires. However, damage and flats are still possible. The condition of your tires not only directly affects the ability to drive your scooter but also its general performance. Replace worn tires as necessary, please contact customer service to inquire about placing an order.

In the event your tire is unable to hold air. Check it for any cuts or punctures. In the event of a puncture the tire can be repaired at home with a basic patch kit for tubeless tires, or by a shop that repairs tires. In the event that there is a cut or greater damage to your tire(s) replacement parts are available to order, please contact customer service.

⚠ The tread on the tires is crucial to the scooter's handling and safety. Worn out treads will reduce the grip between the tire and the driving surface resulting in less control and possible accidents. ⚠

Lubrication

This vehicle is designed with a differential motor for the rear axle and the gearbox needs lubrication with the gear oil. This should be changed every 2-3 years under normal driving conditions or if stored for an extended period of time.

Cleaning

To clean your scooter use a damp cloth with a neutral soap to wipe clean surfaces. Avoid high pressure or excess water as this may cause corrosion or shorts in electrical components.

Specifications & Troubleshooting

Specifications

Motor:	Differential 60V 600W	Ground Clearance:	2.5" (6cm)
Battery:	60v 20ah lead acid	Seat Height:	25" (74cm) from ground*
Brakes:	Front/Rear Drum	Wheel Base:	36" (120cm)
Tires:	10 x 3.00 Tubeless Tires	Wheel Track:	24" (67cm)
Top Speed:	15mph(25km/h)	Turning Radius:	71" (180cm)
Range per Charge:	Up to 30miles (50km)	Max Load:	330lbs (200kgs)
Charge Time:	8-10 hours	Dry Weight:	335lbs (125kgs)
Dimensions:	62" x 28" x 51" (157x72x130cm)	Max Incline:	12°

Troubleshooting

Issue	Possible Cause	Solution
Scooter won't move	Ignition not turned on	Turn key to ON position
	Battery is empty	Charge battery
	Battery not connected	Check battery connections
	Breaker not turned on	Turn breaker to ON position
	Brakes engaged	Release brakes or replace brake handles if defective
	Motor malfunction	Check connections near the motor, tighten loose connections, or replace motor
	Throttle malfunction	Check connections to or replace throttle
	Controller malfunction	Check connections to or replace controller
Noise coming from motor	Defective or damaged motor	Replace motor
Scooter doesn't decelerate when throttle released	Throttle is defective	Replace throttle
	Controller is defective	Replace controller
Scooter slowing down	Low battery	Charge battery
	Defective battery	Replace battery
	Defective throttle	Replace throttle

Issue	Possible Cause	Solution
Trip distance per charge reduced	Low tire pressure	Adjust tire pressure (40PSI)
	Low battery	Charge battery
	Defective battery	Replace battery
	Over weight limit	Reduce scooter load
	Driving conditions (headwind, slopes)	Avoid these conditions for best performance
Uneven tire wear	Tire pressure low	Adjust tire pressure (40PSI)
Steering not flexible	Bearing lubricant solidification	Lubricate bearing
	Uneven tire pressure	Adjust tire pressure
	Steer lock nut loose	Tighten nut
	Wheel swing	Repair/replace shaft/axle
	Rim screw loose	Tighten screw
Brakes too loose	Brakes not properly adjusted	Adjust brakes
	Brakes worn	Replace pads
Battery not charging	Defective wall socket	Check power or use a different outlet
	Loose external connection	Check that charger is securely plugged into wall socket and charging socket on the scooter
	Loose internal connection	Check connections near the battery and charging socket, tighten loose connections
	Defective charger	Replace charger
	Defective battery	Replace battery

The tips above are meant as a basic guide. Do not attempt to repair the scooter without proper knowledge and skill. Please contact our technical support for help with any scooter issues and possible solutions or seek the expertise of a local technician experienced in scooter repair.

Warranty

The limited warranty as contained herein is exclusive and in lieu of all other warranties expressed or implied. There are no warranties that extend beyond the description in this limited warranty.

GIO Electric guarantees this product, including charger, motor, controller, to be free of manufacturing defects for a period of 12 months. All warranty periods commence from the date of shipment.

This limited warranty does not cover normal wear and tear items/parts. (tires, brake pads, cables, etc) It does not cover the product issues due to misuse, neglect, or accident. Nor any damage, failure, or loss caused by improper: assembly, set up, storage, maintenance, servicing or any modifications.

For any request regarding warranty, spare parts or replacement devices do not hesitate to contact us by phone or e-mail. Have your order number ready before contacting us.

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