

**gio** **ELECTRIC**  
ELECTRIFY YOUR WORLD



**Golf**  
**Fully Enclosed 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**



Thank you for purchasing the GIO Electric Golf Mobility Scooter. Please note the following information to ensure your safety and get better use out of your GIO Golf. 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 primarily designed only for one adult, but does have the additional rear bench. Never exceed the max load capacity of the vehicle.  
500lbs (227kg)

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.

Details contained in this manual are subject to change. Images are for reference and may not reflect the final product.

**⚠ THIS SCOOTER IS ELECTRIC, TAKE PROPER CARE NOT TO MAKE CONTACT WITH ELECTRICAL CONTACT WITH BODY OR TOOLS. ⚠**

**⚠ 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 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** ride in accordance with local regulations for mobility scooters as most places they are intended for sidewalk use and are not street legal

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

**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** check backup camera before reversing

**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** ensure the scooter is turned off and parking brakes are set prior to getting in or out of the vehicle

**ALWAYS** adjust the seat 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 17°

**AVOID** going backward down sloped or uneven terrain

## Riding Safety... continued

**NEVER** operate without reading this manual first

**NEVER** driving while fatigued or tired

**NEVER** driving if physically or mentally unable to

**NEVER** driving under the influence of drugs or alcohol

**NEVER** allow anyone under the age of 12yo to operate the scooter

**NEVER** drive distracted by using a cell phone while driving

**NEVER** turn the scooter off while in motion

**NEVER** use replacement parts not approved by GIO Electric

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

**NEVER** use an extension cord while charging

**NEVER** touch the motor after use, it is hot

**NEVER** ride the scooter while it is being transported via trailer, car lift etc

## Overview

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

Get out of the elements and ride in style. The Golf is packed with features; media center with integrated backup camera, generous top speed, long driving range, rear shock suspension, heater, fan and opening windows and more! This manual contains a wide range of general information and should be read before you operate it.

# Assembly

Your Golf arrives 90% assembled and requires the following to complete it. We strongly recommend 2 people for assembly, as certain components are large and will be more easily attached with support from a second person.

## Step 1 - Unboxing

Unpack your Golf, remove the box by cutting along edges and peeling back the cardboard. Carefully begin with the top most pieces, unfasten the bolts in the shipping frame and remove pieces. All of the components should be safely stored within the vehicle for travel.

### Components include:

- Bumpers** (front/rear), **bumper hardware** (x8 bolt - largest)
- Mirrors** (left/right)
- Clear drip edging** (left/right - self adhesive)
- Rear bench, bench support** (black), **hardware** (x2 bolts - medium + x4 screws)
- Batteries** (x5), **brackets** (green t-shaped x2), **battery wires** (x4), **bracket hardware** (x4 bolts - medium), **terminal bolts** (x10 w/ spring washer & regular washer)
- Keys & fob** (x2)
- Charger**

## Step 2 - Mirrors

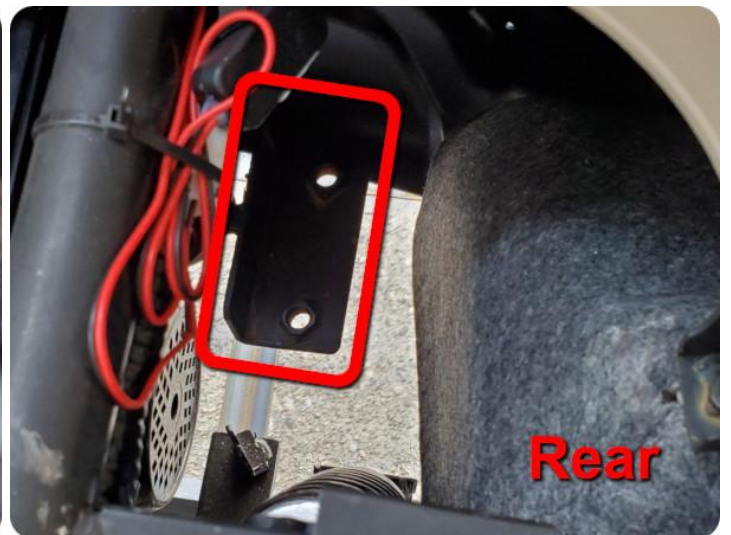
Your mirrors are individually packed to protect them during shipping. Locate the correct side mirror, remove the hex head bolts pre-installed into the mounting on the door front, align the mirror with mounting holes and secure into place with the removed bolts. Repeat on the other side.





### Step 3 - Bumpers

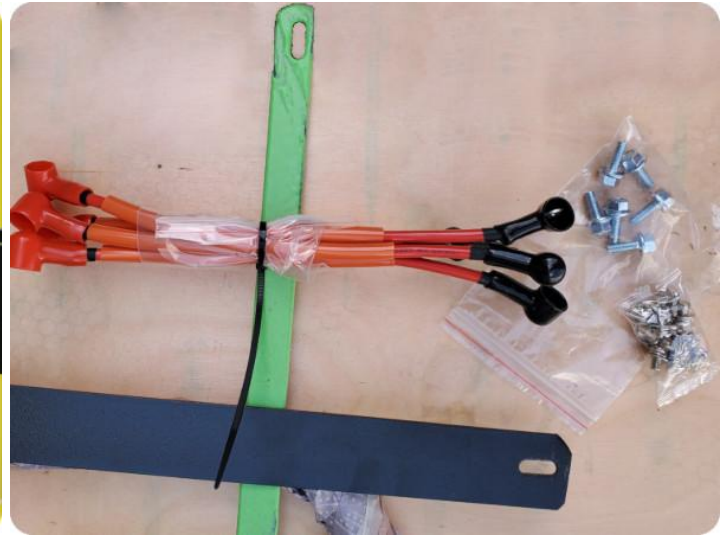
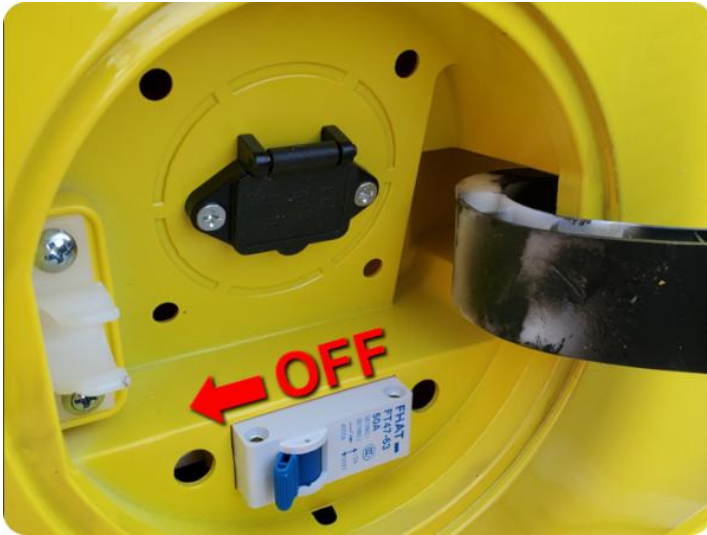
Bumpers attach to mounting plates located on either side of the body at the front and rear. Front mounts are visible just in front of the front wheels through the wheel well, rear mounts are either visible below the body or from above through the access provided before the bench is installed



With assistance align the bumper below the mounting plates and line up the holes on the bumper with the holes on the mounting plate. Bolt upward into the nut welded into the mounting plate, 2 bolts per side, 4 per bumper.

## Step 4 - Battery Installation

Begin battery installation by opening the flap on the rear body that conceals the charging port and breaker. Ensure the breaker is in the off position before beginning installation. Locate the battery wires, and terminal hardware.



Arrange the 5 batteries in the metal battery tray to allow for easy connections below. Batteries will be connected in series, (Battery 1 connects to battery 2, 2 to 3, 3 to 4, 4 to 5) in the manner described next.

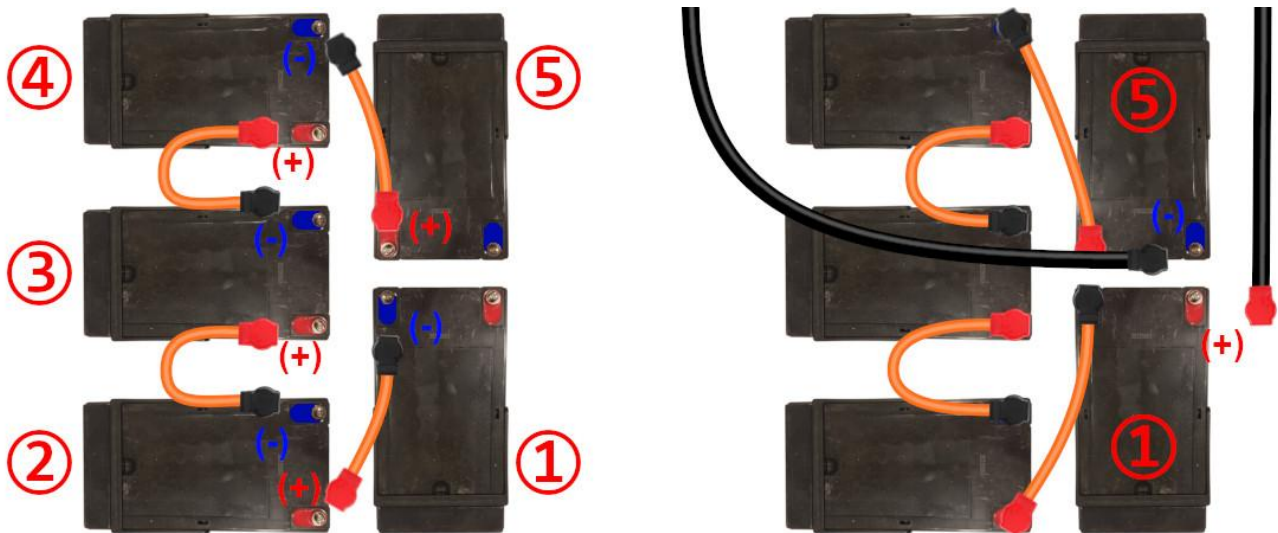


The connection process of an individual battery wire to each battery wire is quite simple, repeat this basic process with each connection in the manner and order described ahead.



Push back the plastic terminal cap to reveal the eyelet connector on the end of the wire. Align the eyelet with the hole in the terminal you are currently working on. Screw in one of the terminal bolts (each includes one washer and 1 spring washer) and secure. Push the cap back into place.

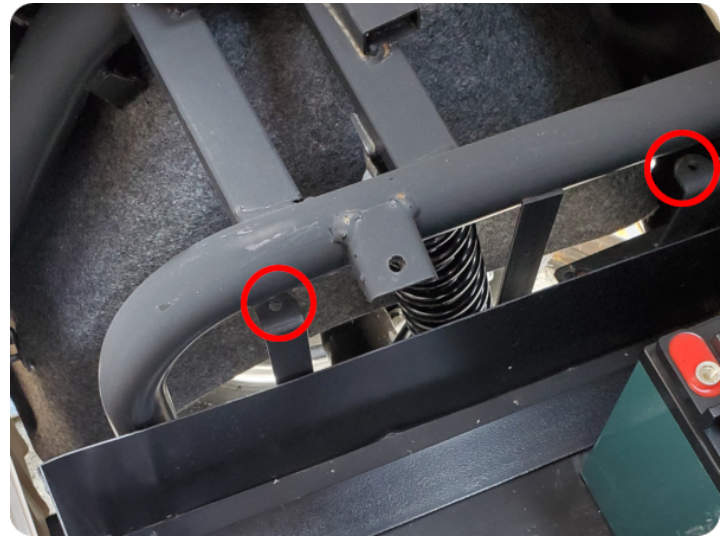
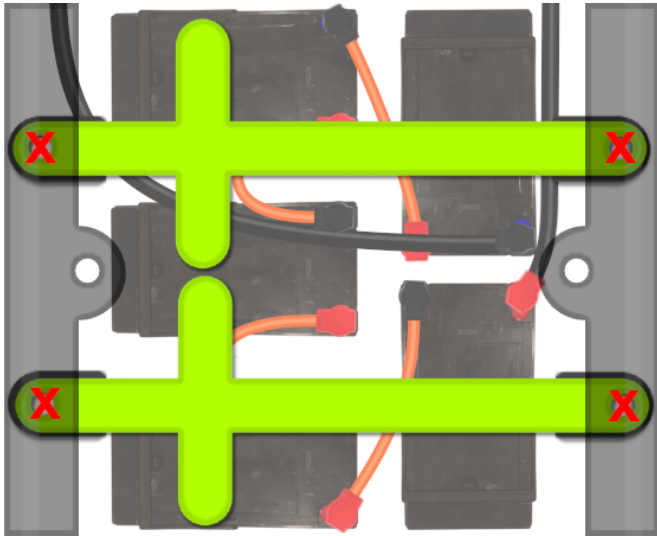
Beginning with battery #1, connect a battery wire to the blue negative (-) terminal. Color coordinate the terminal cap with the color of the terminal itself to ensure the right connections are made. (Blue and Black both representing negative (-) ) Next connect the other end of the battery wire to the red positive (+) terminal on battery #2. Repeat the process in order so the following connections are made: Battery 1 (-) → Battery 2 (+), Battery 2 (-) → Battery 3 (+), Battery 3 (-) → Battery 4 (+), Battery 4 (-) → Battery 5 (+)



Once the 5 batteries are connected in series you can locate the red (+) and the black (-) battery leads coming from up from below the seat back which are connected to your controller and charging port located in the compartment behind the access panel in the seat back.

Connect the (-) lead to the (-) terminal on battery #5 and the (+) lead to the (+) terminal on battery #1 in the same manner as the previous connections. The batteries are now connected, flip the breaker to the on position and power up the scooter to test to see if they are properly connected. Provided proper function, power off the scooter and flip the breaker back to off and finish the rest of the assembly process.

Once your batteries are correctly connected, you can secure them into place with the green t shaped battery brackets. Secure with medium bolts into the battery bracket mounts, below the large tube bench supports, see images below. Depending on the layout of wires and batteries, the brackets may be a better fit flipped with the shorter arms on the opposite side.



### Step 5 - Rear Bench

With the batteries fully installed and bracketed into place, attach the black bench support, bolting it into the mounting plates on the tubular bench supports on either side of the bench area. Once complete, angle the rear edge of the seat underneath the seat back and push the plastic bench into place. Secure the front of the seat with screws by aligning the pre made holes of the bench with the interior body piece behind it.



## Step 6 - Drip Guards

The 2 clear plastic drip guards install just above the seam where the top of the door meets the body. They are there to prevent water from collecting in the seam, during use in wet conditions, and dripping on the occupants when the door is opened. Ensure the surface where the guard is clean. Use a damp cloth and mild soap if necessary. Carefully remove the backing on the adhesive strip and apply to the vehicle in the correct position above the door seam, yet not impeding the doors opening motion.



## Step 7 - Charge

Your Golf ships with minimal charge and must be fully charged before your first use. Please see pg. 17 for charging instructions.

# Operating & Adjusting your Scooter

## Turning your Scooter ON/OFF

To turn the scooter on, insert the key into the ignition located on the console below the handlebars and turn clockwise. To turn your scooter off, turn the key counterclockwise from the on position.

You can also turn the Golf on remotely with the included fob. Press the power (⚡) button twice to turn the scooter on and press the disarm (🔓) button to turn the scooter off

The LCD display should activate indicating the scooter is on and will display READY once startup is complete (within seconds).



## Driving your Scooter

The Golf 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/stop your scooter, release the throttle and squeeze brake levers. Always apply **both brakes**, especially when traveling at higher speeds. Please note the motor cut out function of your scooter will automatically deactivate the motor when brakes are applied to prevent motor wear.



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

The red button next to the throttle toggles through the 3 speed gears. The vertical switch marked R N D changes between reverse, neutral and forward driving. When switched into reverse the display will turn black and then switch to the rearview camera to assist in reversing. **Bring your scooter to a complete stop before switching between forward and reverse.**



The brake handle also features a parking brake option. Once stopped squeeze the brake lever fully and while still holding in place, press up on the small parking brake lever to rotate the catch into place. To release the parking brake simply squeeze the brake handle again to release the spring mounted catch. Repeat on both sides and 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 handle bars.





## Right Side Controls:

The 3 position horizontal black switch controls the scooters lights:

	All lights including headlight ON
>DQ<	Daytime signal & running lights only
○	All lights OFF

## 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 buttons are a small green button for activating the scooters horn and the larger red button activates hazard lights.

## Console Controls:

The Golf features a pair of buttons located on the left side of the console opposite the ignition switch.






The button on the left controls the windshield wiper. Press the button into the up position to activate the wiper and back down to the center to turn the wiper off. You can also press and hold the butt down to manually adjust the position of the wiper.

The button on the right controls the heating/cooling system. Press the button up to activate the scooters fan, press down to activate the scooters heater, return the button to the center to turn either off. Please note the heating element does require time to warm up, so heat will not be immediately produced.

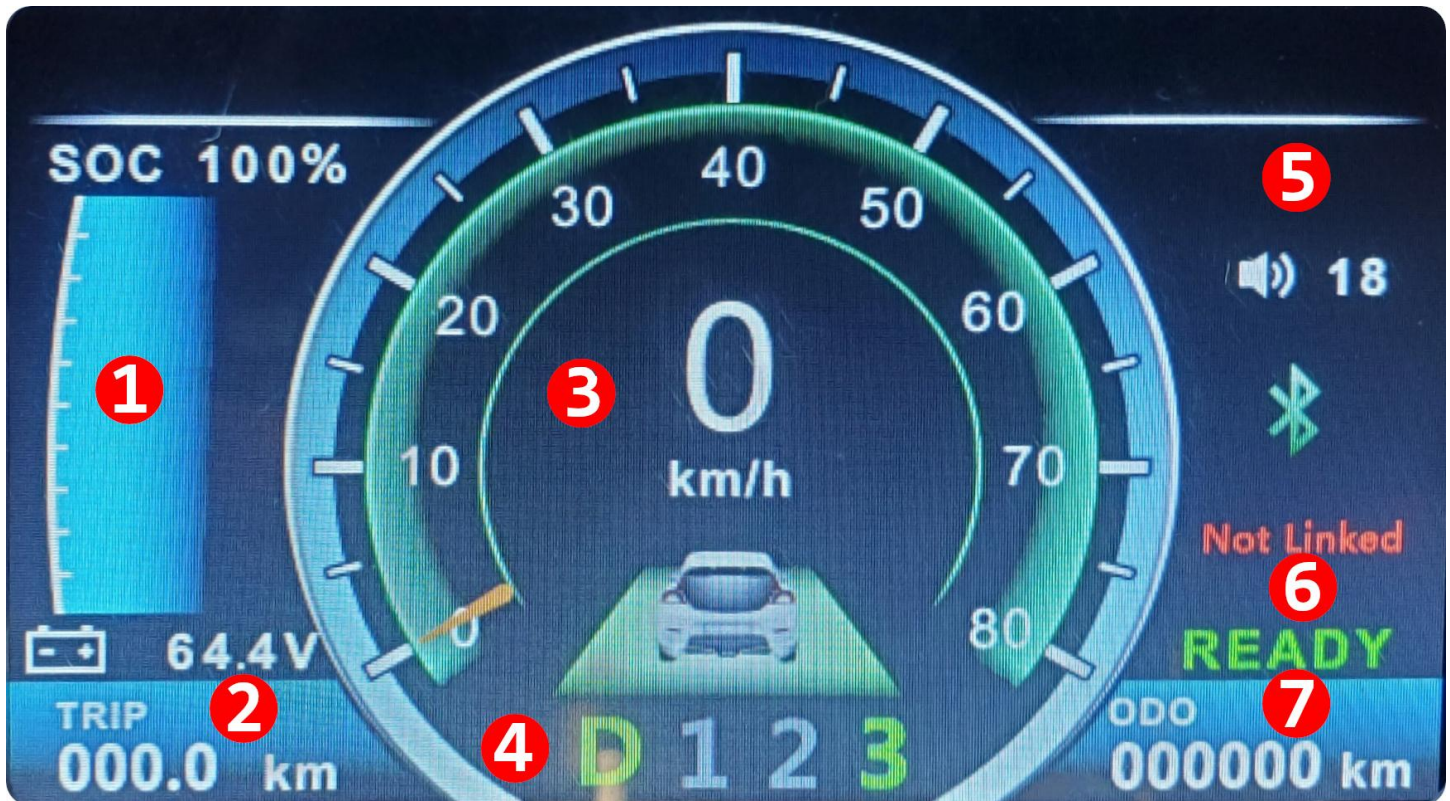
## Media Center

Located on the left lower portion of the console, the media center controls operate via the buttons here and display via the main lcd screen.



	Power Button - Toggle Media Center On/Off
	Skip forward, Long Press Seek forward / FM Frequency Up(Radio)
	Skip back, Long Press Seek back / FM Frequency Down (Radio)
USB	USB port for media storage device
TF	TF card slot for media storage card
	Bluetooth Pairing Button
	Headset jack
V+	Volume Up
V-	Volume Down
MOD	Cycles through modes FM Radio, MP3, MP4, Bluetooth

## LCD Display



①	Battery Level - includes state of charge % and current battery voltage
②	Trip Odometer (km) - resets when the scooter shuts down
③	Speedometer (km/h)
④	Speed Gear Setting - current highlighted in green
⑤	Media Center Display - volume, current mode details
⑥	READY message - displays when startup complete
⑦	Odometer (km)

## 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 behind the plastic flap on the rear of the outer body below the windows. Insert the charger into the port and then into the wall socket. The charger will illuminate green to indicate it is powered up, and then switch to red to indicate it is actively charging the battery. When charging is complete the charger will switch back to green to indicate it is no longer charging, disconnect the charger from the wall outlet and then from the scooter.

### Charger Indicator Lights:

Red:  Actively Charging

Green:  Charging Complete

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 the seat

There are 3 points of adjustments on the driver's seat of the Golf. Similar to most cars the head adjusts up and down by squeezing the catch where the prong of the headrest inserts into the backrest. The handle on the left side of the seat adjusts the angle of the seat back. The handle on the right adjust the seat forwards and backwards.

# Maintenance & Care

The GIO Golf 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, do not modify your scooter, and always use parts, specifically designed for the GIO Tron. Ensure the 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? (Check sidewall for recommended PSI)
- Are the tires in good condition?

Lights:

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

Steering Handle:

- Does it turn freely?
- Does the throttle function properly?

General:

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

**Any issues found should be addressed before riding the scooter!**

## Battery Care

**⚠ 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 Golf 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 your dealer or GIO 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. ⚠**

## 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:	1200 Watts	Ground Clearance:	13cm (5")
Battery:	60v 45ah lead acid	Dimensions:	198x98x155cm (79" x 39" x 62")
Brakes:	Front Disc / Rear Drum	Interior Measurements	93x78x120cm (37" x 31" x 48")
Tires:	10 x 4.00 Tubeless Tires	Step in height	35cm (14")
Top Speed:	25km/h (18.5mph)	Max Load:	225kg (500lbs)
Range per Charge:	Up to 50km (30miles)	Dry Weight:	305kg (670lbs)
Charge Time:	8-10 hours		
Max Incline:	17°		

# Troubleshooting

Issue	Possible Cause	Solution
Scooter with not turn on	Battery connection issue	Check battery connection
	Breaker off	Turn breaker on
	Damaged or defective ignition switch	Replace ignition
	Battery is empty	Charge battery
	Batteries damaged or defective	Test or replace batteries
	Controller malfunction	Check connections to or replace controller
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 powers off suddenly	Breaker tripped	Allow scooter to rest and reset breaker
	Voltage too low	Recharge battery
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
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
Bike doesn't stop when applying brakes, brake feel spongy	Brake hydraulics issue	Have brakes inspected/repaired
	Worn brake pads	Replace pads

Issue	Possible Cause	Solution
Charger lights off	Wall outlet issue	Check power or use a different outlet
	Damaged or defective charger	Test or replace charger
Charger light flashing green but, battery not charging	Connection issue	Check connections between charger, charging socket and battery
	Battery issue	Test or replace battery
Charging light stays orange and doesn't change to green	Defective Charger	Replace charger
	Battery issue	Test or replace battery
Charging light turns from orange to green immediately	Battery is fully charged	
	Battery issue	Test or replace battery
Charger flashing red	Battery connection reversed	Correct
	Short circuit in output plug	Replace charger
	Temperature too low for operation	Use during warmer weather
	Damaged or defective charger	Replace charger

**The tips above are a basic guide. Do not attempt to repair the scooter without proper knowledge/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

### When purchased directly from GIO Electric:

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, or improper servicing.

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.

**When purchased from an Authorized GIO Dealer, please refer to dealers warranty conditions and contact them directly.**

**E-Mail: [support@gioelectric.zendesk.com](mailto:support@gioelectric.zendesk.com)**

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