

NOTHING RIDES LIKE A  
**GSC**<sup>TM</sup>  
TOURER

*The  
Game  
Changer*



[www.golfskatecaddy.com](http://www.golfskatecaddy.com)



G o l f   S k a t e   C a d d y   O w n e r ' s   O p e r a t i n g   M a n u a l

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# GSC TOURER – THE ULTIMATE GAME CHANGER

This exciting and innovative new product will not only change the way you play golf, but will improve your game and help reduce your handicap.

Soon you will be stepping onto the GSC™ Tourer but first; there are a few things you need to familiarize yourself with. To get the most out of your new GSC™ Tourer it's important you know your product really well. We recommend you read this manual from cover to cover, explore all your vehicles' features, and follow instructions (and we emphasize 'follow') on safety, care, and maintenance.

The GSC™ Tourer is the culmination of years of electric board, motor, battery and dynamic technology fusion, offering a new alternative to other golf transport vehicles such as single player ride on units and of course golf carts.

Playing golf should be about the experience, taking a great shot, enjoying the view, the outdoors, the fresh air, encompassing this and so much more, ensuring return visits time after time.

Our research indicates that few people rate their current transport choice as being part of the fun experience of their game. Let's face it, how exciting is it trundling around in a golf cart going from one ball to another (you as a fellow passenger) when you can go directly to your own ball saving you much time by not having to zigzag across the fairways chasing two balls. 2 seat golf carts are no longer a necessity, with the GSC™ Tourer a game may be shortened by up to 20%.

The GSC™ Tourer is an amazing vehicle that you simply stand on, whilst holding onto Ergonomic fully custom designed handlebars with integrated thumb controllers which help you stabilise your ride in addition to controlling safely your speed and braking.

So, check out our full website for all the information on how it works, how we feel it will make your golf day one to remember, plus our great videos, photos, specifications and so much more. One thing is for sure, you won't find a quality fully featured product like our GSC™ Tourer anywhere else. Australian designed and developed, innovative, reliable, practical, great fun, tested internationally and enjoyed across the world.

# UNPACKING THE GSC™ TOURER

## Please check carefully that all items are included in the GSC™ Box

Check first that your new GSC™ Tourer is free of any damage that might have been caused in transit. If any damage is noticeable, do not ride the GSC™ Tourer. Contact your freight carrier and your GSC™ Tourer supplier immediately within 7 days or your claim may be refused. (To substantiate your claim please take photos and write a description of the damage in question).

### On receiving the GSC™ the following items will also be included in the packaging.

- 1 x Fully Assembled GSC™ Tourer
- 1x 46.8V Lithium NMC battery
- 1x 46.8V lithium NMC 2A Battery Charger
- 1 x Sand Divot Pourer

We highly recommend you immediately give the GSC™ Tourer a full charge. Plug the charger into your wall outlet, the charger should display a green light. Connect it to the charging jack on the end of the battery-pack, the light on the charger will turn RED, this indicates the battery is on charge. Once the battery reaches full charge, the light will turn GREEN.

Charging time may vary. The charge time takes 4-6 hours, depending on the remaining charge in the battery. Use the battery often, and DO NOT store for more than 60 days without charging.

DO NOT RIDE THE GSC™ WITHOUT FIRSTLY CHECKING YOUR TYRES TO ENSURE THEY ARE AT THE RECOMMENDED PRESSURE AS VALVE DAMAGE MAY OCCUR. THIS DAMAGE IS NOT COVERED BY WARRANTY.

Tyre pressure on GSC™ Tourer should be set at 40-50psi. These recommended pressures have been set to give optimum board control and battery performance. Get into a habit of checking tyre pressure regularly. Low tyre pressure can put undue stress on your motors and drive train.

If you damage your tyres or inner tubes please contact your local distributor, which can be found at [www.golfskatecaddy.com](http://www.golfskatecaddy.com)

One more thing, do the right thing for the environment and - recycle what packaging you can, and dispose of the rest considerately.



# SPECIFICATIONS AND FEATURES

- Heat-treated aircraft aluminium frame with additional Alloy magnesium for reduced weight and added strength.
- High quality "eagle claw" heavy-duty alloy pole quick release mechanism.
- Ergonomic fully custom designed handlebars.
- Industry standard heavy-duty attachment straps to secure golf bag.
- Quick release Samsung Lithium battery
- Custom LCD display screen
- Sand divot pourer
- IP67 Weather / water resistant.
- Low impact 90mm wide turf tyre (low ground force pressure impact of < 8psi)
- Dual 1000w high torque brushless hub motors with soft start
- Custom designed tuned front bush and dual suspension springs

- Easy to ride (1-5 minute learning curve).
- Suitable from ages 16 +.
- Easily transported in your family sedan, hatchback, 4WD etc.
- Max Rider weight: 265pounds/120KG.
- Top Speed: 11mph/18Km/h.
- Charge time 5-6 hours.
- Charger fully safety certified 54.6v 2a.
- Unfolded ready to ride dimensions H:45inches/115cm W:27inches/69cm L:48inches/122cm.
- Folded ready to load/transport dimensions H:21 inches/55cm W:27 inches/69cm L:48inches/122cm.
- Net weight: 36.3kg.
- Gross Weight: 46.3kg.

## BUILT IN LCD DISPLAY

### Your GSC™ Tourer comes with a built in LCD Display

This display provides the below listed information

- Reverse indicator
- Battery life indicator
- Trip meter
- Current speed
- Park brake indicator
- Trip meter
- Direction arrows

# TERMS AND CONDITIONS

## WARRANTY

For your 1-year GSC™ product warranty (including 1 year on your lithium NMC battery) to be effective, you need to have your original purchase order or receipt of sale.

GSC™ Product Warranty covers all structural components, materials, and workmanship - but excludes wearing parts; including tyres and tubes, painted surfaces, damage caused due to misuse, contravention of operating and maintenance instructions, immersion in, or exposure to water, accidental damage, loss and theft.

The warranty applies to the original purchaser only (non-transferable), and specifies the product is free of manufacturing defects in materials and workmanship for a period of 1 year from the original date of purchase. (Always please retain proof of purchase).

The warranty covers use of the product only under conditions specified in this manual.

All risks associated in the operation of the product remain the sole and assumed responsibility of the person or persons operating the product. GSC™, its Directors, employees, contractors and suppliers are hereby excluded from any and all liabilities stemming from personal and/or consequential damage, injury, or death, resulting from the use of this product.

## Exercising the Warranty

If you have a problem with a GSC™ product and need to resort to the warranty, please contact your reseller or country distributor refer to [www.golfskatecaddy.com](http://www.golfskatecaddy.com) for contact numbers in your area.

When making the call, have a good description of the problem ready, and any ideas of which parts might need to be investigated before a board or part can be returned under warranty, a return must be authorised by GSC™. The owner will pay for the return of the GSC™ to a depot one way and the distributor pays the return transit back to the customer. Make contact by email first so we can evaluate the situation for a rapid solution. After evaluation, GSC™ identifies a warranty is approved, the unit will be repaired and will be returned at no charge.

## ANCILLARY COMPONENTS

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GSC™ reserves the right to determine repair or replacement. In the event of a replacement - if the same model is no longer available - GSC™ reserves the right to replace it with a similar product. But if the fault is not with the product, charges will apply for any parts, labour, and shipping incurred.

Accidents can happen. If you damage something, we'll do everything we can to fix your GSC™. However, we are unable to offer any warranty on components that have been destroyed due to careless operation, water damage, or which show clear signs of abuse.

Refunds are at the discretion of the dealer where the product was purchased. GSC™ does not enter into customer-dealer negotiations.

## IMPORTANT! - KNOW YOUR ABILITY RIDE WITH CARE

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The GSC™ Tourer is not a toy and not recommended for riders under 16 years of age without adult supervision (check local golf club rules). It's a serious piece of innovative engineering and must be treated with respect while riding. Before you attempt to ride your GSC™ Tourer, be sure you completely understand and are familiar with all its features, controls, safety devices and maintenance advice in this manual.

Your GSC™ Tourer will run safely on most hard-packed surfaces, gravel, and trimmed grass. But care must be taken with rough and uneven ground, and especially potholes. Stay clear of mud, sand and water.

GSC™ Tourer is ultimately designed for golf course use and surrounding areas on the golf course, it is not intended for road use or footpath/sidewalk use. GSC™ will not be liable for any claims whatsoever whilst riding the GSC™ Tourer. While riding the GSC™ Tourer please make every effort to see that it is safe and free of dangerous obstacles, potholes, or debris. Do not ride in crowded public areas. Your GSC™ Tourer is designed for a single-rider only. Once you have developed reliable technique, ride within your limits. There are always limits, so stay alert as with all vehicles there are certain risks involved. It is a good idea when traversing up and especially down very steep inclines that you take extra caution and reduce your speed using brakes. If in any doubt about the gradient of the hill always walk - remember safety first!

If you decide to ride down a steep incline releasing the right-hand thumb controller will activate the drag brake allowing you to safely drive down the hill, release or activate the throttle and brake to adjust your descent speed.

### Understanding your GSC™ braking system

Your GSC™ Tourer uses electromagnetic brakes, which are applied via the left-hand thumb controller DO NOT RESPOND in the same fashion as wheel resistant braking or disc brakes. It is important to realize that your complete braking cycle from full speed to zero can take up to 7-8 metres (23-26ft) on flat ground and more on a decline. You need to be fully aware of your surroundings at all times and brake in advance of any obstacles etc. At slow speed your brakes will apply progressively at up to 1.5 metres (4ft) so please take this into account. We have set the brakes at this level for safety and predictability.

Harsh braking may cause you to be thrown forward off your GSC™ causing potential injury and harm – do not attempt to tamper or modify with the braking cycle of this vehicle.

Please take the time to familiarize yourself completely with the acceleration and braking of the GSC™ Tourer.

### Electronic Park Brake

Your GSC™ Tourer has an electromagnetic park brake, in order to engage this simply release the trigger controller to engage braking.

You should ALWAYS park your GSC™ Tourer adjacent to the hill, never directly up or down.

## POWERING ON YOUR GSC TOURER

The GSC™ Tourer is supplied with RFID tags that are used to turn the GSC Tourer on and off.

Once you have folded your GSC Tourer into the upright position, you need to install the fully charged battery into the battery slot on the stem. This is done by sliding the bottom section into position and then pushing the top of the battery into place until you hear a click to signal the battery is secure.

Once the battery is installed, you tap the supplied RFID tag onto the top of the LCD screen where the “RFID” is printed. The Tourer will give a small beep and the LCD screen will come on. The Tourer is now ready to go.

To power off, simply tap the RFID tag again and this will shut the Tourer down.

## GSC™ TOURER THUMB CONTROLLERS

### Thumb Controller Operation

The GSC™ Tourer is supplied with 2 hard wired thumb controllers located on the handlebars. These controllers are proportionally controlled, the further you depress the controller, the more brake/throttle you get. The right-hand thumb controller is the throttle and this controls the speed of the GSC™ Tourer. The left-hand thumb controller is the emergency park brake and this helps stop the GSC™ Tourer.

Operation of the GSC™ Tourer with its unique handlebars and integrated thumb controllers, allow for accurate acceleration and braking whilst allowing a stable support for you to hold on to. The right-hand thumb controller employs a sophisticated technology which when released initiates a controlled drag brake to gently bring the GSC™ to a stop or reduce speed confidently. For a more rapid emergency brake, press on the left-hand side thumb controller. Always assess your path ahead and accelerate or brake according to your situation... A little practice before increasing your speed and you will be whizzing.

### Forward and Reverse Function

The GSC™ Tourer features both forward and reverse modes controlled by a 2 position switch on the right hand handle bar. To switch from forward to reverse mode, the GSC™ Tourer must come to a complete stop and be in “Park mode”. The forward/reverse switch won't function while the GSC™ Tourer is in motion. When in reverse mode, the LCD display will show 2 green arrows flashing to highlight that the GSC™ Tourer is in reverse.

### Park Brake

The GSC™ Tourer features an emergency park brake that prevents it from rolling away when you are off the unit and playing your shot. When the unit comes to a complete stop, you will need to activate the Emergency Park Brake on the GSC™ Tourer. Once the unit comes to a complete stop, you need to press the left hand emergency park brake controller to enter the “Park Mode”, this is shown on the LCD screen with a red P. Always ensure the GSC™ Tourer is in “Park mode” before stepping off and away from the unit.

## BASIC OPERATION

If this is your first time riding the GSC™ Tourer, we suggest that you take the GSC™ initially to a nice quiet open space like a park so that you can get a feel for the vehicles braking, acceleration, speed and handling. Once you feel confident you can work make the move to your golf course and enjoy the real GSC™ Tourer experience.

The GSC™ Tourer suspension was designed to work at its best with the full weight of a golf bag secured into the front caddy section. This gives the rider counterweight when turning and helps loosen up the suspension so please ensure that when you are riding the GSC™ Tourer you always have your golf bag and clubs on board.

Attention! Your GSC™ Tourer is powerful and demands common sense and respect for safety reasons. The GSC™ Tourer is a simple vehicle to master, most riders can become proficient within 5-10 minutes of riding the GSC™ Tourer for the first time.

Stand on the GSC™ Tourer with your feet placed in the centre of the foot platforms and both hands on the handlebars. Position your hands to ensure your thumbs are in a good position to be able to press the 2 thumb controllers. With your right thumb, slowly press the right-hand thumb controller to accelerate gently. Pressing the left-hand side controller will apply the brake. Always ensure you always have both feet centred on the foot platforms and both hands on the handlebars when riding.

In order to maximize your turning ability, you should shift your weight to the rear foot momentarily whilst you position the ball of your foot or heel to the left or right edge of the board re-transferring your weight back to the front foot. Pressing down and transferring your front foot to the left or right edge of the GSC™ in this way will maximize weight leverage allowing you to steer more easily. You will notice initially that your GSC's turning circle will improve after a little while as the red suspension bush and front springs “settle or bed in”, this can take between 18 - 36 holes of golf - during this “break in” period please take sharp turns slowly and carefully.

Accelerate and brake accordingly with care. MOST IMPORTANT: Very SLOWLY and with CONSTANT SMOOTH PRESSURE, press the right-hand thumb controller to accelerate then SLOWLY release the trigger to slow to a stop, if you need to stop quickly, press the left-hand thumb controller and this will engage the emergency park brake system and bring you to a complete stop. Take time to become familiar with accelerating and braking. Smooth action with the thumb controllers is the key.

Never press the thumb controllers too quickly, or release it too suddenly without due care. Stepping on your GSC™ Tourer and pressing the right-hand thumb controller too hard before setting your stance means you could be thrown-of backwards if you do not have the correct operating method. When travelling at speed, pressing the left-hand thumb controller too harshly (engaging the emergency park brake system), could throw you off headfirst if you do not use the correct operating method. Know your limits do not take unnecessary risks. Just like driving any vehicle always brake in advance.

The GSC™ Tourer comes with soft start, a unique feature that allows the computer to control the amount of torque to the wheels, allowing a “soft graduated start” during the first 2-3 metres of travel prior to maximum torque delivery. This is a great safety feature, as the rider does not feel as if the GSC™ Tourer would runaway from them if the throttle was inadvertently fully engaged. Soft start is also kind to the grass and does not allow the GSC™ Tourer to engage in wheel spin and burn the grass or fairway.

## BEING IN CONTROL AND SAFETY

Being in control is everything, especially when commanding the braking system on your GSC™ Tourer. Braking power is relative to the speed you are travelling. If you release the right-hand thumb controller (throttle), you will activate the drag brake, which is a gentler brake, which will allow you to coast to a predictable stop. Use this technique as you approach a downhill or obstacle etc. before activating the emergency park brake on the left-hand thumb controller. If you engage the emergency park brake at full speed, braking energy is greater than if you engage brakes whilst traveling at a slow speed. So when braking at high speed, use a lighter touch! NOTE: When riding downhill, be in control and always feather the brake accordingly to maintain a safe speed. It is safer to ride slower and be in control than fast and out of control.

The GSC™ Tourer sports twin brushless hub motors which offer exceptional traction across many surfaces, however if the hill is too steep, take care, you risk possibly over stressing the drive system, seek an alternate route and remember if there is a cart path try to take this up any steep sections of your golf course.

CAUTION: Extreme and unchecked speed could result in serious injury or worse. When riding downhill, the motor remains engaged at all times, providing some drag. To avoid building up too much speed, it's advised you apply frequent gentle braking by gently releasing the right-hand thumb controller and engaging the drag brake. If you require more braking power, slowly press the left-hand emergency park brake to engage the main brake. Your GSC™ has limitations even though it is engineered to a high level of toughness, all mechanical and electronic systems have built in limits for safety and effective operation. Excessively aggressive acceleration and braking will place uncontrolled strain on the drive system, shortening its service life.

Never ride down hills that put your safety and GSC™ Tourer control at risk. High-speed collisions will do damage! Never ride down hills that need prolonged, excessive harsh braking.

Maximum speed, range and stopping distance depend on your weight, the riding surface, incline, and wind direction so use your common sense. Like riding a bicycle you need to feel the brakes and be in control at all times not slamming the brakes on too harshly and wondering why you may have lost control.

## GENERAL MAINTENANCE FOR THE GSC™ TOURER

Under normal use, your GSC™ Tourer will require only routine maintenance.

FAILURE TO FOLLOW MAINTENANCE INSTRUCTIONS AND GUIDELINES WILL VOID YOUR WARRANTY. DO NOT OPEN THE BATTERY BOX, MOTOR CONTROL ASSEMBLY, OR MOTOR. DOING SO WILL VOID YOUR WARRANTY. YOUR GSC™ IS NOT A FULLY WATERPROOF DEVICE BUT REGARDED AS WEATHERPROOF ONLY. TO PREVENT ELECTRICAL DAMAGE, RIDING MUST BE AVOIDED IN HEAVY RAIN, MUD, OR OTHER SIGNIFICANT WET AREAS. ALWAYS KEEP YOUR GSC™ TOURER CLEAN AND FREE OF MOISTURE. WHEN TIGHTENING FITTINGS: DO NOT OVERTIGHTEN!

Over time, vibrations from normal use may cause some external bolt and screw fittings to loosen, especially if riding on rough surfaces. Check all fasteners for tightness before each use. Check and tighten all screws and nuts after every 75-100 hours of riding. Do not over-tighten, as stripping can result. Snug is tight enough. If you hear a new noise, pay attention to it. Trucks and springs are factory preset and should not be adjusted.

The Golf Skate Caddy's maintenance is very simple, straightforward and can be undertaken by any golf club mechanic or handy person.

### TYRES

- These should be maintained at 40-50psi, this should be checked every week, always ensure they have valve caps fitted.
- Check for excessive wear and replace when needed.



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