

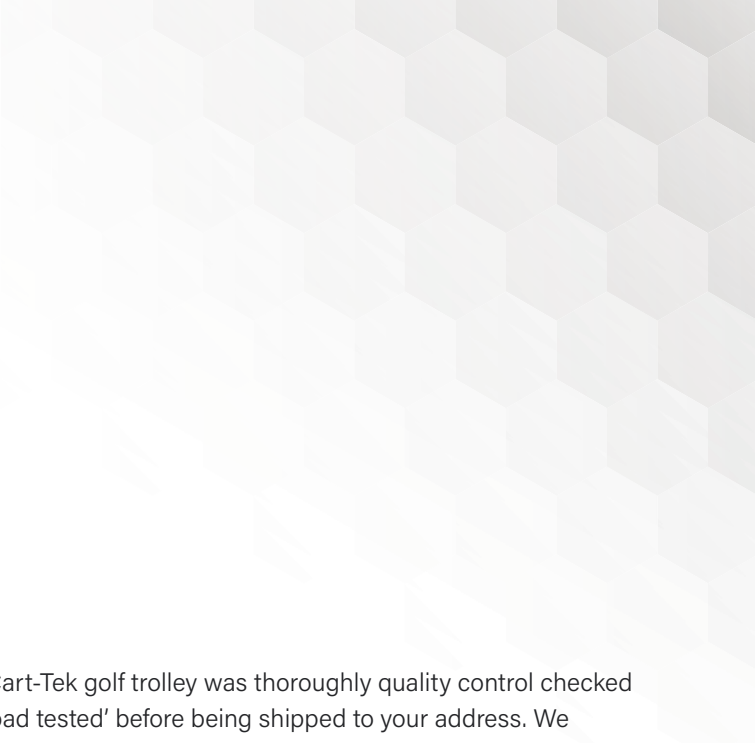


1500 V3

User Manual Version 1.1







Your Cart-Tek golf trolley was thoroughly quality control checked and 'road tested' before being shipped to your address. We do everything possible to assure that your trolley is in perfect working order upon arrival.

Should you have any questions about the performance of your trolley, please contact us at:

USA:

Online: Carttek.com

Phone: [541-633-4308](tel:541-633-4308)

Email: Sales@CartTek.com

Canada:

Online: JPSMGolf.com

Toll free: [1-855-839-1600](tel:1-855-839-1600)

Email: Support@JPSMGolf.com

For the latest version of this manual, please visit:

<http://www.carttek.com/golf-cart-resources/cart-tek-manuals/>

If you've purchased your trolley through a third party, be sure to register for your full warranty at:

<https://www.carttek.com/register>

TABLE OF CONTENTS

INTRODUCTION	5
COMPONENT IDENTIFICATION	6
SETUP	8
PRECAUTIONS & IMPORTANT CARE INFORMATION.....	10
BATTERY MAINTENANCE	12
OPERATING YOUR 1500 V3.....	12
REMOTE TRANSMITTER	14
REMOTE CONTROL MODE.....	16
ALIGNMENT SYSTEM	17
PROGRAMMING YOUR CADDY	18
TROUBLESHOOTING GUIDE	22
IMPORTANT CUSTOMER CARE INFORMATION	26

INTRODUCTION

Thank you for purchasing the Cart-Tek 1500 V3 golf trolley. **Please read this manual carefully before use.** After unpacking, please keep the carton and all internal sections in safe storage. In the unlikely possibility that you need to return the whole unit due to a defective component, you will need to repack the unit in the original manner to ensure safe and secure transit. Remove all components from carton and check that the following are included in the package:

- | | |
|--|--|
| <input type="checkbox"/> Main trolley frame | <input type="checkbox"/> Battery charger |
| <input type="checkbox"/> Anti-tip wheel | <input type="checkbox"/> Accessories |
| <input type="checkbox"/> Drive wheels | Umbrella Holder |
| <input type="checkbox"/> Rechargeable remote control | Scorecard Holder |
| <input type="checkbox"/> USB Cable | Drink Holder |
| <input type="checkbox"/> Lithium battery in a neoprene battery bag | <input type="checkbox"/> Tool Kit |

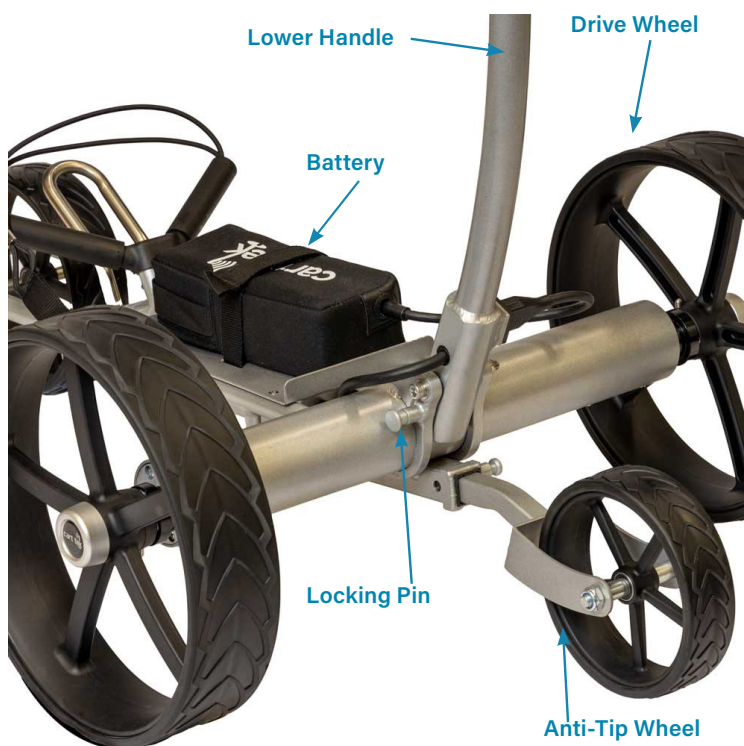
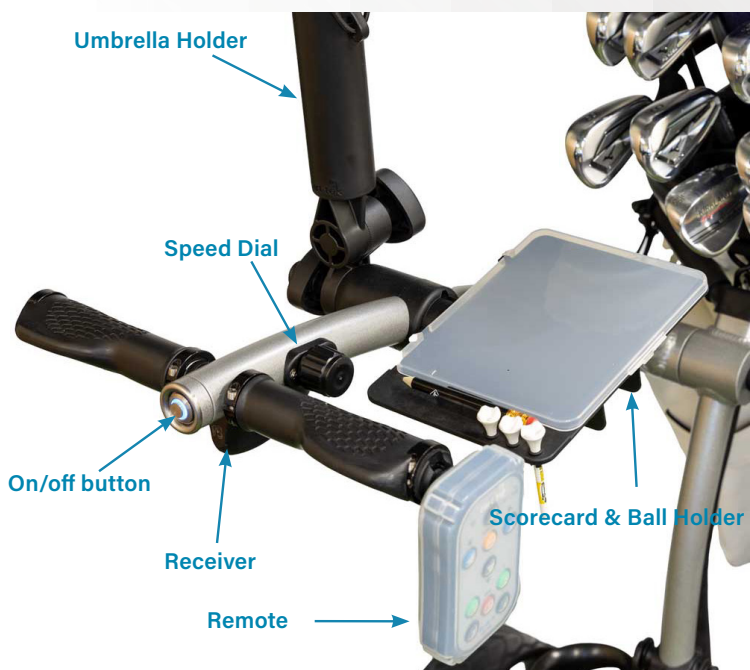
Contents of this manual cover assembling the trolley, operating instructions, maintenance, and troubleshooting. Please note that our design and manufacturing policy is aimed at continuous improvement, this can result in changes without notice to the specifications contained on our websites and in this manual. We know you are eager to get on the course, but **PLEASE READ** the entire manual before starting.

»»» QUICK TIP

After unpacking the caddy and while reading this manual, charge the battery while you assemble the unit. Plug battery into charger and charger into power source. The battery may be delivered with a charge but should be placed on the charger before using for the first time to ensure full charge of battery.

COMPONENT IDENTIFICATION





SETUP

To properly set up your golf caddy, follow these steps:

Identify the left and right wheels by the “L” and “R” markings on the wheel hubs.

Depress the knob on the inside wheel hub and slide the wheel onto the axle.

Fully insert the wheel into the drive collar, ensuring that the four pins are fully engaged.

For “free wheel” mode, depress and pull the wheel out 1/4 inch to release the pins and make sure the wheel snaps into the groove on the axle.



Locate the anti-tip wheel lock pin under the axle tube. Pull out the anti-tip wheel lock pin and slide the anti-tip wheel into the frame until it locks into place. You will hear a “click” when it is locked.

Lift the handle from the lower caddy frame, holding down the lower frame if needed. The locking pin will automatically lock when the lower handle is fully opened.

Load your golf bag onto the caddy:

Place the bottom of the golf bag into the lower bag rest first, then lay the bag into the upper bag rest.

Use the pull tab on the bungee to wrap the cord around the bag and onto the bag rest hook.

Repeat this for both the upper and lower bag rests.

Ensure that both the top and bottom bag straps are tight, firmly securing the bag in the bag rests. If the bungees are loose and the bag is rotating, you can tie a knot in the bungee to shorten its length and make it tighter



Lift the upper handle and extend it fully to your desired position. Lock it into position by tightening the black locking knob located behind the upper bag rest. Twist the knob clockwise to tighten and counterclockwise to loosen.

Place the fully charged battery on the battery tray and secure it using the battery strap.


Insert the battery cable into the battery port on the lower handle. This will power on your cart.

Following these steps will ensure that your wheels are installed correctly, your golf bag is securely placed, and your caddy is ready for use.



PRECAUTIONS & IMPORTANT CARE INFORMATION

1. For optimal caddy performance, it is recommended to use a normal cart bag. Lightweight stand or carry bags may not work as well. Heavy cart bags are preferred for best performance. If you use a carry bag or stand bag, you may need to add weight. (See # 5 below)
2. Consider the all-around weight distribution of your golf bag. Ensure that the bag is balanced evenly from side to side. Uneven weight distribution may lead to "tracking errors," where too much weight on one side can cause the caddy to veer in the opposite direction.
3. The front wheel must stay grounded during play, except on steep inclines. Your 1500 V3 should only tip onto the rear wheel when encountering extreme inclines (over 25° inclines).
4. It is recommended to use the manual/trolley mode on steep inclines where the caddy will tip back, and the front wheel comes off the ground. Avoid steering the caddy with the remote control if the front wheel is not touching the ground.
5. If you are having difficulty keeping the front wheel on the ground, consider adding weight to your golf bag, towards the front of the caddy. We recommend carrying extra golf balls, a bottle of water, or other items to increase the weight over the front wheel.
6. Avoid pulling the cart backwards while riding in a power cart. This can cause strain on the cart's components and may lead to damage or malfunction.



IMPORTANT TIP. Your caddy is equipped with automatic downhill braking for your safety. If you need to stop your caddy on a steep incline, it is recommended to turn the caddy perpendicular (across) the hill and press the Park button. This action will engage the parking brake and keep the caddy securely in place. It may be more effective to perform this function in trolley mode rather than remote mode to have better control over the caddy.

7. Regularly spray the front and anti-tip wheel bearings with a silicone-based lubricant. This helps to maintain smooth operation and prolong the lifespan of the wheels.
8. If you experience missed commands or inconsistent performance from the remote, it may be necessary to recharge the remote batteries. Ensure that the remote is fully charged to optimize its functionality.

BATTERY MAINTENANCE

- To ensure accurate battery meter readings on the charger, it is crucial to follow the correct charging sequence. This sequence involves first plugging the battery cable into the charger and then connecting the charger to the wall outlet. By following this sequence, the charger can accurately measure the charging status of the battery and provide reliable battery meter readings.
- Always recharge battery after every golf outing. Never leave the battery in an uncharged state.
- Unplug the battery from the caddy when it is not in use.
- During periods of inactivity/storage, charge your battery ever 60-90 days. Do not leave the charger connected to the battery for more than 1-2 days. Disconnect the battery once it is fully charged.

OPERATING YOUR 1500 V3

Follow the steps listed earlier in this manual under Setup (page 8).

There are two main modes for the 1500 V3.

Trolley Mode: Identified by the specific light sequence: The Blue LED on the handle will be solid blue for 2 seconds, followed by a quick 1/2 second off.

Remote Mode: Identified by the status light being solid Blue. For further details, see page 16 for operation instructions.

To power the wheels in trolley mode, follow these steps:

- First, zero out your speed dial by spinning it counterclockwise until it reaches the lowest setting.
- Next, roll the speed dial forward clockwise to increase the speed and power of the wheels.

To stop the caddy, press and immediately release the main start/stop button on the cart. This action will stop the wheels from spinning and apply the electric parking brake.

To resume operation, press and immediately release the main start/stop button on the cart. The cart will release the parking brake and return to your previous walking pace.

If you wish to release the parking brake and manually push the cart for a short distance (up to 5 yards), simply roll the speed dial back to zero.

If you wish to push the cart without using any battery power, follow these important steps:

- Pull the main drive wheels out 1/4 of an inch and lock them into "free wheel" mode.
- Pushing the cart for long distances with the motors engaged can potentially damage the electronics on the cart, so it is recommended to use the "free wheel" mode when manually pushing for extended periods.

To properly pack up your golf caddy after finishing your round:

Disconnect the battery from the cart and remove it.

Loosen the locking knob located behind the upper bag rest and gently lower the upper handle to the folded position.

Loosen both bag straps and remove your golf bag from the caddy.

Pull the main locking pin to allow the handle to lower completely flat.

REMOTE TRANSMITTER

To turn the remote control on:

- Press and release both the left and right turn buttons at the same time. This will power up the remote. You will see the LED flash blue 3 times.
- Once the remote is powered on, you can give the cart any remote command, and it will respond. Additionally, the main cart LED will show a solid blue LED instead of flashing.

To turn off the remote control:

- Press and hold the parking brake button until you see the LED flash red 3 times. This indicates that the remote is powered down.

To charge the remote:

- Use the supplied USB cable to connect the remote to a power source that provides 5 Volts.
- While charging, the LED on the remote will flash red.
- When the remote is fully charged, the LED on the remote will be solid red.

If the remote has not been given a command for 30 minutes, it will automatically shut down to save energy.

REMOTE TRANSMITTER



REMOTE CONTROL MODE

- Push the directional buttons on the remote transmitter to move the caddy in the desired direction.
- When the cart is stopped, you can press and hold either the right or left button to make the caddy turn on itself.
- To increase the speed of the caddy, press the forward button. To decrease the speed, press the reverse button.
- To bring the caddy to a complete stop, use the glide stop button on the remote to cut power to the motors, and coast to a stop.
- When going downhill, the cart will automatically apply brakes to maintain a safe speed. If the terrain is too steep, it is recommended to switch to trolley mode to have full control over the cart's movement.
- To park the cart on a hill, press the parking brake button on the remote. In the case of steep hills, you may need to position the cart so that it is not facing directly downhill.
- The range of the remote transmitter is well beyond 100 yards, but it is strongly advised to operate the cart within 10-20 yards of your position at all times for safety reasons.
- For your protection, the cart has a 120-second hibernation timer. If the cart is in remote mode and no directional inputs are given for 120 seconds, the cart will stop. Simply give another remote command to resume the movement of the caddy down the fairway.

It is crucial to never put a powered-on remote inside a pocket. Doing so may inadvertently activate a command, causing the cart to take off unexpectedly. To prevent any unintended movement, always ensure that the remote is securely stored in a safe and appropriate location when not in use.

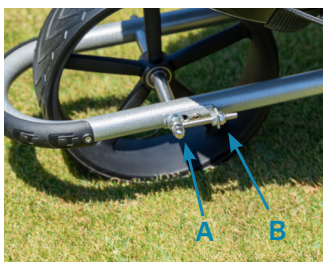
ALIGNMENT SYSTEM

If you are experiencing issues with your trolley not going straight and drifting to one side, you can try adjusting the tracking to correct it. Here are the steps to follow:

1. Verify that both wheels are fully engaged in the drive collars.
2. Ensure that the weight on your golf bag is evenly distributed from left to right. Imbalanced weight can cause the cart to drift.
3. Check that all connecting hardware on the front wheel assembly is tight.
4. If the cart is still drifting after verifying the above steps, you can reset the caddie to factory settings (refer to page 20 in the manual).
5. Next, try electronically adjusting the tracking as described on page 19 of the manual.

To fine-tune the front wheel:

- Loosen both ends of the axle cap nuts (A).
- If the cart tracks to the LEFT move the left slide of the axle forward via the adjustment nuts (B). This pushes the wheel back to the right. Tighten the Adjustment nuts (B) and Axle nuts (A) and test. *We recommend starting with a quarter-turn of the adjustment nuts first.* If the cart tracks to the RIGHT, move the left slide of the axle rearward via the adjustment nuts (B). This pushes the wheel back to the left. *We recommend starting with a quarter-turn of the adjustment nuts first.*
- Tighten the Adjustment nuts (B) and Axle Cap Nuts (A).
- Test your results. You may need to repeat steps 1 and 2.



PROGRAMMING YOUR CADDY

The caddy electronics may be customized for your personal preferences. All programing customization is done via the remote transmitter. Using "Program Mode" you can adjust the electronics to:

- Tracking issues- If a caddy veers off to one side, read all tracking information under 'Precautions' on page 10 and 'Troubleshooting' on page 19, before using electronic tracking adjustment.
- Adjust 'Turning Force'- Depending on your course, flatter golf courses require less turning force that hilly or undulated golf courses.
- Reset Caddy back to original Factory Settings- This is useful if your caddy accidently gets programed or you program it and you do not like the new settings.

»»» QUICK TIP

When first using your caddy, practice in a large open area. Take the time to practice the difference between a single touch of a key and a prolonged push especially with left and right functions. Also get comfortable with the coast and parking brake buttons. Practice turning the caddy perpendicular to hills when parking on an incline.

For the instructions below that say “go into program mode”, follow these instructions:

Press both speed 1 and speed 2 (green buttons) until blue LED double flashes to get into programming mode. The cart will move forward at a slow speed at this time.

If the cart does not move, repeat as your caddy is not yet in program mode.

Store personal speeds

(NO need to go into program mode)

- In remote mode, achieve your desired speed with the up and down buttons. Press and hold the number you want to set (i.e. #1) until the LED turns solid blue. Without releasing the button, press and hold the glide stop button until the blue LED turns off. The cart will come to a stop first, and then the LED on the remote will turn off.
 - Button is now set to new speed.
-

Adjust Tracking

i.e. Caddy trails off to one side or the other on flat ground

- Electronically adjust tracking only after adjusting bag weight. (Instructions for front wheel axle adjustment are in the troubleshooting section, “my caddy does not track in a straight line”, later in this manual).
- **Go into Program Mode.**
- To adjust the caddy to the left, press ‘left’ button once. Or to adjust the caddy to the right, press the ‘right’ button once. Two button presses adjusts the tracking about one foot to either side, in a 25-foot run.

continued...

- To save the setting, push the 'Parking Brake' button.
 - Test the caddy to see if you need further adjustment. Repeat as needed.
-

Adjust turning force

You can increase or decrease the speed at which the caddy turns.

- **Go into Program Mode.** *(two green buttons)*
 - Press the reverse button to stop the caddy.
 - Press forward to increase turning force or reverse to decrease the force. Press and hold the button until your LED becomes solid then turns off for an incremental adjustment.
 - » To test if your force is correct, press left or right. Repeat adjustments or save the turning force adjustments by pressing Park.
-

Return all Programing back to Original Factory Settings.

- **Go into Program Mode.** *(two green buttons)* Press reverse to stop the cart.
- Press numbers 1, 2, 3, 4, Parking Brake.
Your caddy should now be at facotry settings.
- If you're cart doesn't seem to be reseting to factory settings: First, program speed 4 to a slow speed. Perform the factory reset proceedure. If the preset speed 4 returns to the fast speed, then your caddie has reset.

Matching a “New Remote Transmitter” to your caddy.

Should you need to replace your remote transmitter, you will need to pair (match) it to your Yellowstone. (NO need to go into program mode.)

- Plug battery into caddy, press and hold the on/off button for 3 seconds. Make sure you have a steady flashing blue LED.
- Turn the remote on (Press 2 blue buttons).
- Press and hold speeds 3 & 4 until the both the red and blue LED's are illuminated. You can release speeds 3 and 4. You should notice the Status LED on the cart rapidly flashing (~3x/second) for a few seconds. When the carts status LED returns to a normal steady flash, the remote is paired with the cart.
- Power on the cart by holding the On/Off button until you achieve a long/short cadence flash.
- Test all remote buttons.



TROUBLESHOOTING GUIDE

My caddy will not show any indicator LED on the handle.

1. Ensure Caddy Battery is fully engaged in the battery port.
 2. Have a full charge on the Caddy Battery. The battery should read 29.4 Volts +/- .2V
-

My caddy is turned on (solid BLUE LED), but my remote will not work.

1. Verify your remote is turned on – flashing LED on remote when buttons are pressed.
2. Try restarting the caddy by disconnecting the battery for 5 seconds (blue LED on Cart has turned off), then powering the caddy back on. Test remote again.
3. Ensure that the remote has a flashing Blue LED when pressing a function button. If not, replace batteries in remote, and turn remote on again.
4. Pair remote transmitter to caddy cart receiver. Follow the directions in the manual: Matching a New Remote Transmitter to your Cart (Page 21).

My caddy Battery Charger isn't switching over from Red to Green.

1. Ensure both the battery and wall charger are fully plugged in.
 2. A fully depleted battery may take upwards of 6 hours to charge.
-

My caddy will not make 18 holes.

1. Verify that your charger is charging fully. Your battery should read 29.4 volts.
 2. Ensure both the battery and wall charger are fully plugged in, when charging.
-

My caddy has erratic steering (i.e. Spins to the right/left, goes forward/backwards when pressing right/left).

1. Ensure both wheels are fully engaged into the drive collars, located on the axles.
-

My caddy will not move, what can I do?

If your caddy experiences some kind of failure on the course and you cannot get it running, you can put the caddy in "free wheel" mode.

1. Press the lock button on the inside wheel hub and pull each wheel out of the drive collar and lock the wheels into the free wheel groove on the axle.
2. In free wheel mode, you should not pull the caddy backwards for more than 5 feet.

My caddy does not track in a straight line.

1. Ensure both wheels are fully engaged into the drive collars located on the axles.
2. Balance golf bag evenly on your caddy side to side.
3. Reset your caddy to factory settings by following the instructions in the manual or check out our video reprogram your Yellowstone remote.
4. For slight drift, please adjust cart using "Adjust Tracking" procedure on page 13.
5. If caddy still does not go in a straight line, manually adjust tracking on the front wheel.
6. All carts are tested to see how they track for straightness with a balanced weight on the front bag rest. If your caddy is going off track more than 2 feet in 50 feet, the easiest first thing to do is to check the weight distribution of your bag. How is it sitting on the caddy, is it sitting evenly with the weight evenly distributed between left and right sides? If the weight distribution does not solve your issue, you may need to fine-tune the tracking by adjusting the front wheel axle. To fine-tune the front wheel, slightly adjust the front wheel axle.



Loosen both ends of the axle cap nuts (A) about a 1/2 of a turn. If the cart tracks to the left move the left side of the axle forward via the adjustment nuts (B) (spin both nuts counter clockwise). If your cart tracks to the right, spin both nuts (B) clockwise. Test the tracking after each adjustment. It should only take a few minor adjustments.

My caddy stops unexpectedly during a round.

1. The Yellowstone remote is equipped with a 120 second timer that stops the caddy if you do not press additional buttons, within that time period.
2. Check indicator LED's on end of caddy handle.
 - No light – Make sure your battery is connected to the caddy receptacle.
 - Rapid flashing BLUE LED is an overload high current warning. Stop and Allow caddy to cool down. This can be caused by too much weight on your caddy or trying to climb too steep of hill.
 - Flashing BLUE LED is standby mode, you have temporarily lost and regained power. Check battery cable/connections.
 - Very Slow Flashing BLUE LED is low voltage warning. Stop, do not use the battery, and recharge battery.
3. Ensure the remote control is fully charged.
4. Due to on board electronics, there might be environmental interferences causing your caddy to stop. These may include, but are not limited to: microwaves, cell towers, high voltage electrical power lines, et cetera. If the caddy always stops at the same place every time you play, then it is likely environmental interference.

If troubleshooting did not help you solve your problem, please do not hesitate to check our website, call or e-mail Cart Tek directly to speak with one of our qualified technicians.

IMPORTANT CUSTOMER CARE INFORMATION

Here are the important tips regarding the use and maintenance of your golf caddy:

1. Avoid spraying the caddy with flowing water. Instead, use a damp cloth to wipe it down for cleaning.
2. Cart bags are preferred for optimal performance. If you use a carry bag or stand bag, you may need to add additional weight to achieve better balance.
3. Ensure that your golf bag is securely placed in the upper and lower bag rests and that the bungees are tightened. The bag should not move around during operation.
4. Consider the weight distribution of your golf bag. It should be balanced evenly from side to side. An uneven weight distribution can result in tracking errors, such as veering to the left if there is excessive weight on the right side.
5. When operating the caddy remotely, make sure the front wheel remains on the ground. In situations where the caddy is going up a steep incline and the front wheel is tipping off the ground, it is recommended to switch to trolley mode for better stability.
6. If you're having difficulty keeping the front wheel on the ground, you can carry extra items such as bottles of water or golf balls to shift weight toward the front.
7. Regularly apply silicone-based lubricant (not WD-40) to the front and anti-tip wheel bearings to ensure smooth operation.

By following these tips, you can maintain and optimize the performance of your golf caddy.





FOR WARRANTY, SPARE PARTS AND ACCESSORIES

For trolleys purchased in the USA

Cart Tek Golf Carts

150 SE Logsdon St.

Bend, OR

97702

Email: Sales@CartTek.com

Website: <http://www.CartTek.com>

1-541-633-4308 or toll free 1-866-356-2278

For trolleys purchased in Canada

JPSMGolf

1064 Salk Road

Units 15+16

Pickering, Ontario

L1W 4B5

Email: Support@JPSMGolf.com

Website: <http://JPSMGolf.com>

1-905-839-1600 or toll free 1-855-839-1600