



GRI-975Li

User Manual Version 1.0





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: Carttek.com or 541-633-4308

Canada: JPSMGolf.com or toll free 1-855-839-1600

For current version of this manual:

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

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

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

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INTRODUCTION

Thank you for purchasing the Cart-Tek GRI-975Li 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 the 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"/> Drive wheels | <input type="checkbox"/> Accessories |
| <input type="checkbox"/> Battery, complete with battery bag and extension cable | <input type="checkbox"/> User Manual |

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, place the battery on charger 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



INITIAL SET-UP

1. Install the two large drive wheels on the correct side of the trolley. The arrow design on the tire should face forward, and each wheel hub has a side indicator on it. Depress the release pin on the inside wheel hub, and fully seat wheel onto axle drive collars. The metal screws should fully insert into the holes on the drive collar.
2. Install front wheel and fork assembly. Review the following drawing and install the front wheel.



OPERATING YOUR GRI-975LI

1. Lift lower handle.
2. Load golf bag onto the trolley, bottom first, then the top. Balance weight of golf bag equally "side to side".
3. Secure golf bag with bungees. Slide one ball through the space in the opposite bungee. Securing your golf bag on the cart locks the cart in the "open" position. It is important that both top and bottom bungees are tight. If one bungee is loose, you can tighten this connection by putting a knot in the bungee to shorten the length.
4. Extend the upper handle into the desired position and secure it by turning the black locking knob.
5. Ensure the speed dial knob is rotated counterclockwise to the "Zero" position.
6. Insert your battery cable into the battery port and secure the battery inside your golf bag with the supplied extension cord or inside the optional battery basket. The status LED on the cart should be an alternating long and short flash.
7. Roll the speed dial forward to deliver power to the motors. Set this speed to your desired walking pace.
8. To stop the cart, press and release the button on the cart. The cart will come to a stop and apply the electronic parking brake. As a precaution always turn the trolley across the hill if parking on a slope. To disengage the parking brake, turn the speed dial to zero, or resume your walking pace by pressing the button on the cart once more.

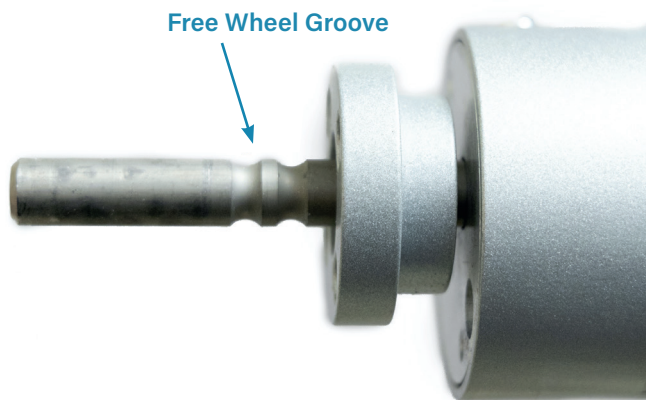


DISTANCE CONTROL FUNCTION (DCF):

When the trolley is stopped (with the parking brake engaged), press and hold the LED until it flashes rapidly (Approximately 2 seconds). When you release the button, the GRI-975Li will move forward for 8 seconds at the currently set speed.

FREE-WHEEL MODE

If you have a sudden loss of power, you must put the Trolley into "Free Wheel Mode" to safely move the trolley. For "freewheel" mode depress the buttons on each wheel hub and pull wheels out approximately 1/4 of an inch, away from the drive collar on the motor. Make sure the wheels are engaged into the freewheel groove on the axel.



PRECAUTIONS

1. For best performance, cart bags are recommended. If you use a carry bag or stand bag you may need to add weight and secure the stand legs. (See # 4 below)
2. Consider the all-around weight distribution of your golf bag. Ensure the bag is balanced evenly side-to-side. Uneven weight distribution may lead to "tracking errors" i.e. too much weight on the right side will cause the trolley to veer to the left.
3. The front wheel should stay grounded during play at all times. On steep inclines, you may find the front wheel coming up, off the ground. You must maneuver the front wheel down by holding the handle upwards. The cart will still power the wheels up the hill. You are simply helping balance the caddie up the hill.
4. If you are having issues keeping the front wheel down on the ground on slight inclines, increase the weight over the front wheel. Consider adding extra golf balls, or bottles of water to your bag closest to the front wheel if possible. Equally distribute the weight in your golf bag. Use the center pouch or equal weight added to each side.
5. To minimize the drain on the battery avoid driving through deep rough.
6. Avoid using the GRI-975 to pull you up hills.
7. Do not pull Trolley backwards while riding in a cart. If you need to pull trolley backwards for an extended distance, disconnect the battery and swap the wheels from left to right and ensure the wheels are in free-wheel mode.

CAUTION: Wheels can disengage in sharp turns or from excessive speed if you do not swap the wheels from side to side.

BATTERY MAINTENANCE

- To recharge battery, first connect the battery into the charger, then the charger into the wall. When finished, disconnect the charger from the wall, then the battery from the charger.
- The LED on the charger will be solid green when NOT charging. The LED on the charger will be solid red when charging.
- Following a complete charging cycle, the LED is solid green.
- Unplug battery from caddy when not in use.
- Always recharge battery after every golf outing. Never leave the battery in an uncharged state.
- 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 charged.
- Frequently inspect the round battery plug. Ensure that the round plug is screwed tightly.
- If the trolley is submerged in water, immediately contact Cart Tek Golf Carts (541-633-4308) to discuss the best course of action for your safety and the safety of the trolley. DO NOT attempt to charge the battery

Assembly instruction on XLR connector

Get to know the parts:



tail connector



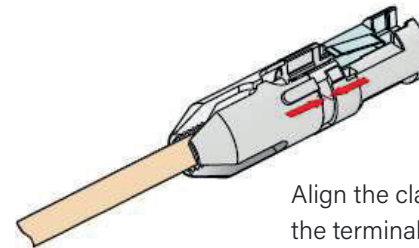
clamp



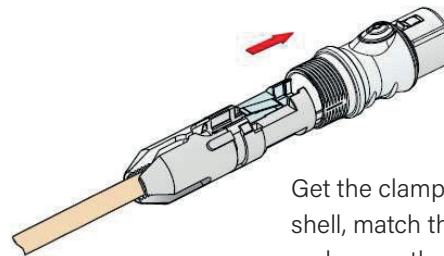
terminal



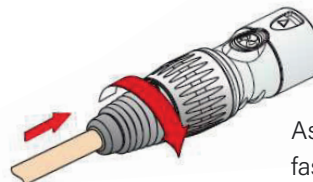
shell



Align the clamp and terminal, make sure the terminal for ground wire not hidden by the clamp.



Get the clamp and terminals into the shell, match the key to the slot on shell, make sure the button on shell is on top.



Assemble tail connector to the shell and fasten by turning clockwise.

ALIGNMENT SYSTEM

If you have issues with your trolley not going straight you may have to adjust the tracking. Keep in mind that the cart will drift slightly depending on if you have steep side slopes, rough terrain, etc. On a perfectly flat fairway, a normal tolerance of drift is 1 foot over a 50-foot run.

1. VERIFY both wheels are fully engaged in the drive collar.
2. VERIFY the front fork is tightly secured. Sometimes the 6mm hex bolt will come loose, causing the fork to make erratic movements. If your bolt comes loose more than once, apply some thread locker to the bolt.

If the cart is tracking to the right (from behind the cart):

1. Loosen the 17mm locking cap nut on the Fork side.
2. Loosen the rear #2 Allen set screw 1/4 of a turn (90 degrees).
3. Push the axle tight against the rear set screw.
4. Tighten 17mm cap nut.
5. Test alignment. Readjust if necessary.
6. When satisfactory alignment is achieved, tighten the front set screw down to the axle. Ensure both set screws are snug against the axle.

If the cart is tracking to the left (from behind the cart):

1. Loosen the 17mm locking cap nut on the Fork side.
2. Loosen the front #2 Allen set screw 1/4 of a turn (90 degrees).
3. Pull the axle tight against the front set screw.
4. Tighten the 17mm cap nut.
5. Test alignment. Readjust if necessary.
6. When satisfactory alignment is achieved, tighten the rear set screw down to the axle. Ensure both set screws are snug against the axle.

When first using your trolley, practice in a large open area. Take the time to practice controlling the trolley with the start-stop switch on the handle and using the distance control function.



TROUBLESHOOTING

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

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 29.3 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 does not track in a straight line.

See section: ALIGNMENT SYSTEM on page 14.

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.

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 stops unexpectedly during a round.

1. Check indicator LED's on end of caddy handle.
 - No light – Make sure your battery is connected to the caddy receptacle. If the connection is good, you may need to replace the battery cable or extension cable.
 - 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. If this happens many times in a row, your battery could be completely drained, or you may need a new battery cable.
 - Very Slow Flashing BLUE LED is low voltage warning. Stop or use Free Wheel Mode, do not use the battery, and recharge battery.

IMPORTANT CUSTOMER CARE INFORMATION

1. Mount wheels with arrow tread design pointing in direction of wheel spin. If pulled backwards in free wheel mode, reverse the wheels so that the tread arrows point in direction of rotation.
2. Mount the golf bag prior to opening the top handle in order to avoid tipping the cart over and damaging the start/stop button
3. Likewise, lowering the adjustable handle before removing your golf bag will help prevent knocking the cart over

4. Consider the all-around weight distribution of your golf bag. Ensure the bag is balanced evenly side-to-side. Uneven weight distribution may lead to tracking errors. I.E., if there is too much weight on the right side, the caddy will drift to the left.
5. Periodically spray the front wheel bearings with a silicone-based lubricant.
6. Clean your cart with a damp cloth and or compressed air. DO NOT spray the cart with water.





FOR WARRANTY, SPARE PARTS AND ACCESSORIES

For trolleys purchased in the USA

Cart Tek Golf Carts

150 SE Logsdan St.

Bend, OR 97702

Email: Sales@CartTek.com

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