



# **SPITZER E1**

## **Electric Golf Caddy**

### **User Manual**



**WARNING: PLEASE FOLLOW ALL ASSEMBLY INSTRUCTIONS AND READ AND UNDERSTAND THE OPERATING INSTRUCTIONS BEFORE YOU OPERATE THE CADDY**

User Manual version 2.0

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# 1.0 Packing List

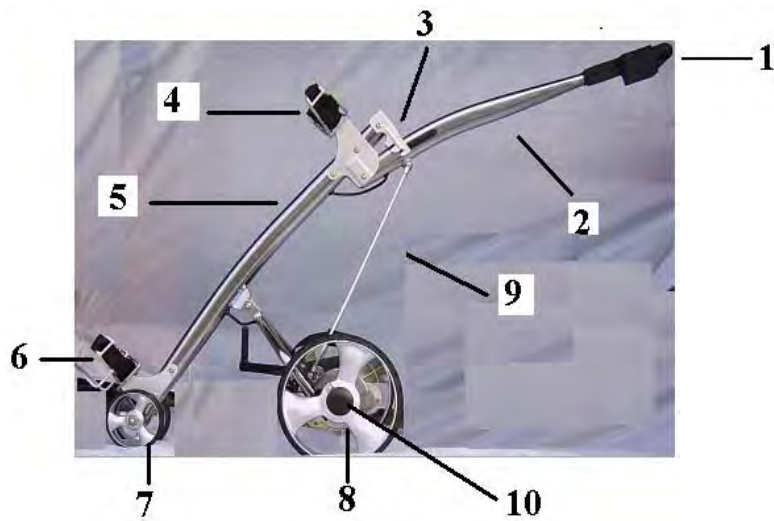
## Standard Parts

- 1 x Caddy Frame
- 2 x Rear Wheels
- 1 x Battery Pack (Battery, Bag, Leads)
- 1 x Charger
- 1 x Tool kit

## Optional Accessories ([www.spitzergolf.com](http://www.spitzergolf.com))

- Cup Holder
- Umbrella Holder
- Seat and Seat Holder
- Carrying Bag
- Air Tires
- Rain Cover
- Score Card Holder

## 2.0 Parts



- 1. Handle
- 2. Upper Frame Tube
- 3. Frame Lock
- 4. Upper Bag Support
- 5. Lower Frame Tube
- 6. Lower Bag Support
- 7. Twin Front Wheels

- 8. Rear Wheel
- 9. Frame Support
- 10. Wheel Cap
- 11. Charger

- 11. Tool kit
- 12. Battery



### 3.0 Assembly Instructions

Please read and follow these instructions carefully, and you will be ready to go in a few minutes

1. Unfold the frame by pulling the lower and the upper frame tubes apart and locking them together with the frame lock mechanism. The lock has two notches to adjust the handle height.



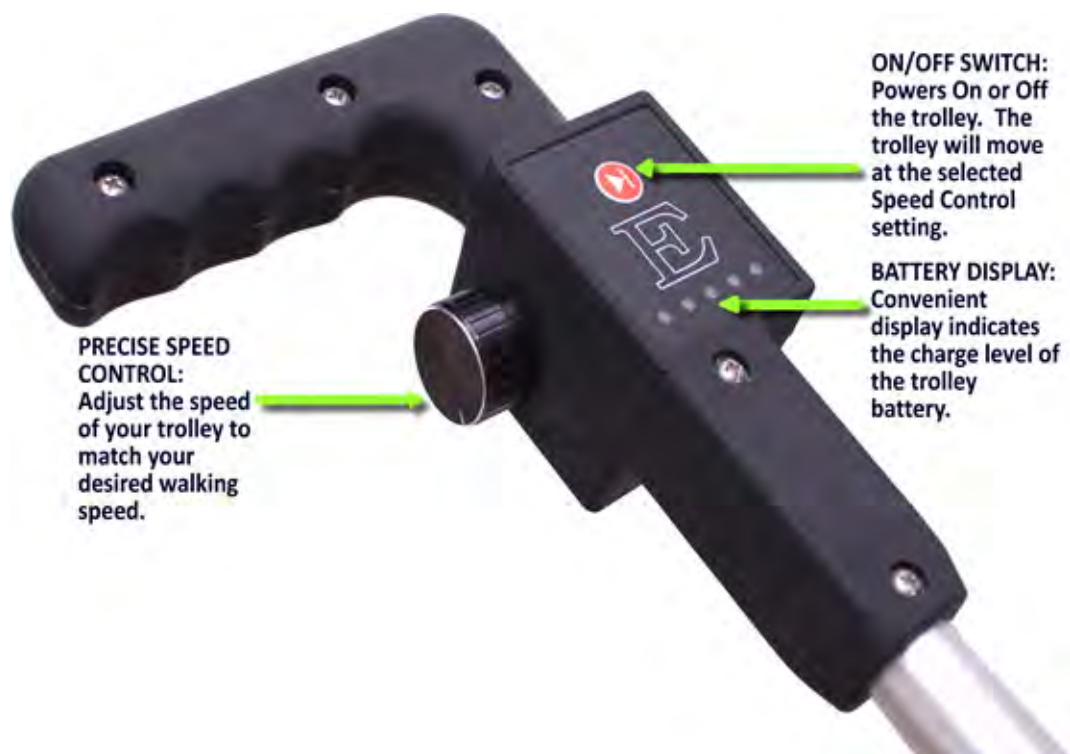
Fit the rear wheel by releasing the quick catch on the outside of the wheel while inserting the wheel onto the axle. Push the wheel all the way in so that the two pins on the axle fit into the wheel to engage the clutch and release the quick catch. The wheel should be fully secured. Make sure that the right wheel is attached to the right side and the left wheel to the left. Reverse the action to remove the wheel.

2. The battery cable is fitted to connect to either the trolley or to the battery charger. Place the battery in the battery tray and secure the battery using the Velcro strap. Insert the battery connector into the plug on the caddy and secure with the connector nut. Make sure the caddy's power switch on the handle is in Off position and the speed dial pulled back.



## 4.0 Handle Control Functions

1. Scrolling of the speed button lets you choose your preferred speed to suit your pace perfectly
2. ON/OFF switch and additional functional control (optional)
3. The Digital Cruise Control: Select the ideal speed to match your pace. In order to stop press the red cruise control button on the top of the handle. The cart will remember its last speed setting when you stop. Once you are ready to go press the button again, and the caddy will automatically travel at the same speed, except if you change the speed knob position.
4. The caddy is equipped with a "Soft start" ability which ensures smooth acceleration up to selected speed with a press of the stop/start(power brake)button on the handlebar control panel.
5. A battery charge indicator with five color LEDs on the handle shows the battery charge at any time.



## Operating the electric trolley

(Advice) Only forward traction is possible.

### Main switch (1)

The trolley is activated and deactivated by means of the main switch (1). In principal, the speed regulator (4) should be set at the minimum position when activating.

### ON/OFF button (2)

For switching on and switching off the trolley motor, operate the ON/OFF button. When you switch on, the trolley will start with the previously selected speed.

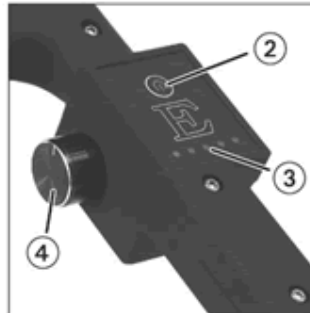
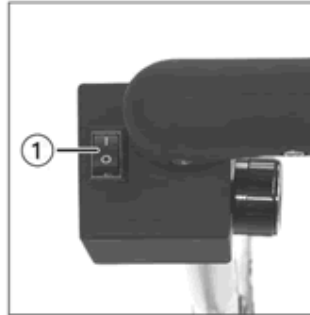
### Charging status display (3)

The light diodes on the control unit show the charged status of the battery. When all five light diodes are lit up, this shows the battery is fully charged.

With a decrease in the charged status of the battery, the number of illuminated light diodes will also decrease.

### Speed regulator (4)

Using the speed regulator you can adjust the speed of the trolley motor to match your own tempo and the golf course terrain. The speed is increased by turning the dial in a clockwise direction.



## 5.0 Operating Instructions

### ***5.1 Operating your Caddy***

In order to turn the caddy on, push the On/Off switch to the “On” position. The battery charge LED will light up.

While holding on to the handle start dialing the speed control with your index finger slowly forward or clockwise. The caddy will start moving forward. Adjust the speed seamlessly to the desired pace.

To stop or slow the caddy down either dial the speed control knob backwards or use the cruise control or On/Off buttons as described previously.

### ***5.2 Battery Use and Care***

#### **PLEASE OBEY THESE PRECAUTIONS FOR BATTERY USE & CHARGING**

- a) Please do not charge the battery in a sealed container or in upside down position. It is recommended to charge the battery in a well ventilated area.
- b) Please do not charge the battery near a heater, or where heat accumulation may occur or in direct sunshine.
- c) In order to prolong the service life of the battery, please avoid complete discharge and charge the battery after every use. When the trolley is not in use for an extended period of time, it is recommended to charge the battery once a month.
- d) The battery’s poles red color stands for positive, and the black for negative. In case of battery replacement please reconnect the poles of the battery correctly. Otherwise your caddy could suffer severe damage.
- e) Please do not disassemble the battery or throw it into a fire. **EXPLOSION HAZARD!!!**
- f) **NEVER TOUCH THE ELECTRIC POLES OF THE BATTERY!! SAFETY HAZARD!**

### ***5.3 How to Charge the Battery***

Charge the battery by plugging the charger into the battery and then plug the charger into the main electricity supply. Charge the battery after each round of golf. Charging is complete when charger light (See type of charger) changes color. Battery charging can take anywhere between 5 to 12 hours.

Once the battery is charged there is no need to leave it plugged into the charger. The changes in LED in colors for these different chargers are as follows:

The LED light starts as steady green. If the battery requires charge and while charging the LED will revert to flashing green. When the battery is fully charged, the LED will stop flashing and revert to steady green.



## 6.0. General Maintenance

The steps below will ensure that you get a prolonged and reliable life out of your SPITZER E1 Caddy.

- 1) The E1 has been designed so that the user can concentrate on playing golf, while the caddy does the work of carrying your bag. In order to keep your SPITZER E1 looking at its best, we advise that you wipe any mud or grass from the frame, wheels and chassis after every round with a damp cloth or paper towel.
- 2) Do **NOT** use any high-pressure jet washers to prevent moisture entering the electronic systems, motors or gear boxes of the caddy.
- 3) Remove the rear wheels every few weeks and remove any debris that might cause the wheels to drag. You might also apply some lubricant, such WD-40 to keep moving parts smooth.
- 4) A four - five hour round of golf played once a week for 12 months is equivalent to four years use of a lawnmower, so please inspect your cart at least once a year thoroughly, and if you notice any symptoms of wear, contact your SPITZER Service Center. Alternatively, you can have your caddy inspected and tuned by our Service Center, so it's always in great shape for the new season.
- 5) Always disconnect the battery when you store the caddy, and always put your caddy together before re-connecting the battery. If you are not planning to play for at least a month, store the battery in a warm and dry place (not on concrete floor).

All of these recommendations will help keep your trolley in top condition and ensure that it remains your reliable partner, both on and off the links.

## 7.0 Trouble Shooting Guide

Symptom	Resolutions
Caddy does not have power	<ul style="list-style-type: none"><li>- check fuse in the battery case</li><li>- check all wiring connections and plugs</li><li>- check battery charge</li><li>- Check if wheels &amp; clutches are in order</li></ul>
Motor is running but wheels don't turn	<ul style="list-style-type: none"><li>- Check if wheels are secured to axle by split pin</li><li>- Check right and left wheel position</li></ul>
Trolley pulls to left or right	<ul style="list-style-type: none"><li>- Check if wheel is fitted over the clutch and latched to axle</li><li>- Check if clutch pin is visible at both sides of the axle</li><li>- Check clutch turn freely in one direction only</li></ul>
Battery lacks power	<ul style="list-style-type: none"><li>- Check cable connections</li><li>- Check if fuse is 30A</li><li>- Check charger function</li></ul>
Problems attaching wheels	<ul style="list-style-type: none"><li>- Remove outer cap and adjust quick release catch</li></ul>