

**MISTER-COMFORT™ CARTCOOL™ INSTALLATION AND OPERATING
INSTRUCTIONS**

INSTALLATION INSTRUCTIONS:

- 1) Locate the “J” brackets. They will attach the Support Bar/CartCool to the cart. See **Fig.1**.
- 2) Position the “J” brackets on the roof vertical supports with the long part of the “J” to the inside and pointing to the rear of the cart. Move the “J” bracket vertically to the desired location. Insert the ¼ X1.75 bolt through the first two holes and tighten.
- 3) Attach the “L” brackets to the last hole in the “J” brackets and secure with ¼ X 1.0 bolt. See **Fig.2**.
- 4) Position the Cart Cool with support bar between the 2 “L” brackets and closest to the front of the cart. Insert the ¼ X1.75 bolts through the front of the “L” brackets and the support bar. Position the support bar sleeves on the back side of the support bar and on to the bolt. Secure the bolts with a washer and nut. See **Fig.3**.

NOTE: The “J” bracket can be flipped over to accommodate wider roof supports as required.



Fig. 1



Fig. 2

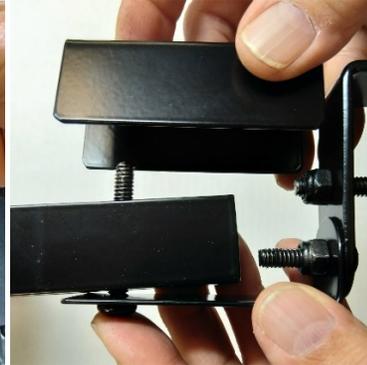


Fig. 3

Mister Comfort Cart Cool Electrical Hook-up 10/29/19

Gas-powered Carts

Open the engine compartment. Locate the battery and establish its voltage. The battery should be 12 volts, but it is wise to confirm this. The voltage is printed on the battery casing but may not always be visible. If you cannot find the voltage, set the digital multimeter to read 24 volts DC. Touch the red probe to the positive terminal of the battery and the black probe to the negative terminal. Read the voltage from the meter display. A reading around 10 to 14 volts comes from a 12-volt battery.

Attach terminal connectors to two insulated wires and then connect one wire to each terminal on the battery. Depending on the type of terminal, tighten the terminals using a wrench or screwdriver. Run the wires to the location where you need a 12-volt supply

Battery-powered Carts – 6- or 12-volt batteries

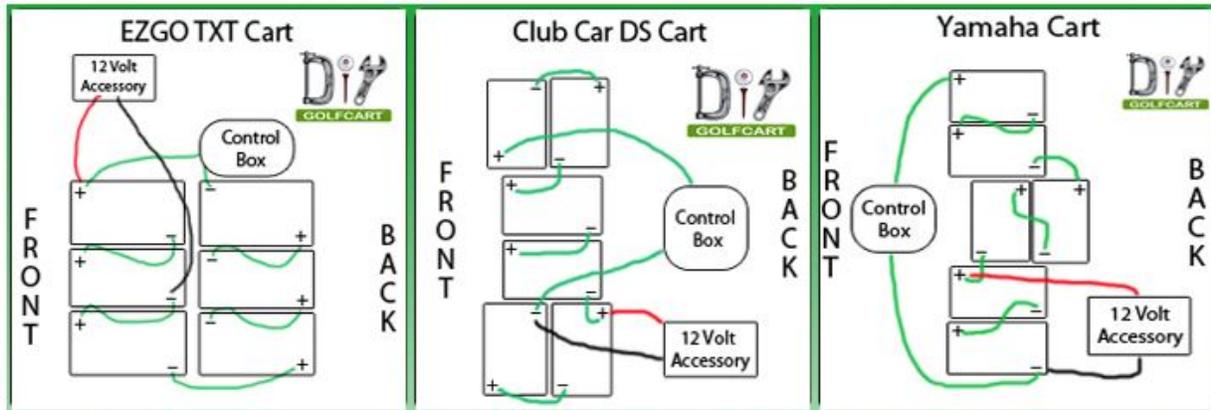
Open the battery or motor compartment. Locate the batteries and count them. Most carts have six or eight 6-volt batteries. Look on the battery casings to find details of the voltage. If the battery casing fails to identify the voltage, test the battery as detailed in Step 1 of Section 1.

Establish the number of batteries required to produce a 12-volt supply. Batteries linked in series have a cumulative voltage, so divide 12 by the voltage of a single battery to

determine how many batteries you need. For example, two 6-volt batteries are needed because 12 divided by 6 equals 2. This number of batteries linked together provides a 12-volt power supply.

Attach terminal connectors to two insulated wires and then connect one wire to the unused terminal at one end of the battery chain. Connect the other wire to the opposite polarity terminal of the battery identified in Step 2. In this example, we need two batteries, so connect it to the second battery. Depending on the type of terminal, tighten the terminals using a wrench or screwdriver.

Run the wires to the location where you need a 12-volt supply. The following figures are depicting a typical hookup for 6-volt batteries. For 12-volt batteries, use only one battery.



THE GREEN WIRES MARKED INDICATE YOUR CURRENT CABLES, THE BLACK AND RED WIRES ARE THE WIRES COMING OUT OF YOUR ACCESSORY.

Another way to put a 12-volt accessory on your 36 or 48 volt system will require you to purchase a voltage reducer (VOLT-2000). This will take the combined voltage of your entire battery pack and reduce it to 12 volts. Installing a voltage reducer will increase the longevity of your entire battery pack.

Battery-powered Carts – 8-volt batteries

All 48-volt electric Club Car, EZGO, and Yamaha golf carts require the installation of a voltage reducer. If you plan on installing lights, radio, fan, or any other 12-volt accessories; a voltage reducer (VOLT-2000) will be required. The VOLT-2000 instructions will detail battery hookup. See <http://www.golfcart.com/images/VOLT-2000.pdf> for more information.

Tips

- Keep all wires as short and as thick as possible to reduce resistance and improve performance.

Consider installing a separate 12-volt battery if you make extensive use of 12-volt appliances.

Warnings

- Do not place a high current drain on this type of connection as it may deplete some batteries in your chain more quickly than others.

Batteries are heavy and contain acid. Wear protective clothing and wash skin and clothing immediately if splashed by battery acid.

OPERATING INSTRUCTIONS:

- 1) Open lid and fill water reservoir with clean water.
- 2) Turn on pump power by depressing the red power rocker button on the CartCool.
- 3) Turn MIST control valve fully clockwise until water begins to flow from the misting nozzle (this may take a couple of seconds).
- 4) Turn MIST control counter-clockwise to reduce the amount of MIST until a comfortable level is achieved.

TROUBLESHOOTING:

- 1) No Mist coming from unit
 - a. Ensure water in the tank sufficient to cover the water pump in the bottom of the reservoir
 - b. Turn the mist control knob from minimum to maximum several times
 - c. Remove the misting heads from the directional vents by unscrewing the nozzles. Remove the white plastic piece from the back of the nozzle by pulling straight out. Blow out both the nozzle and the white piece of plastic. Push plastic piece back into the nozzle until it seats. Re-install the nozzles.
 - d. Tighten nozzles

OPTIONAL CELL PHONE HOLDER INSTALLATION:

- 1) Remove screw holding "J" bracket to the cell phone mount
- 2) Position "J" bracket at desired location on the support bar of the misting system or on the roof support.
- 3) Insert supplied bolt and nut and tighten
- 4) Mount cell phone holder back onto the "J" bracket using screw removed at step 1 above.