CLIMATE CADDY™

The Season Extender

48V Heater and Fan

PERMANENT MOUNT USER MANUAL

Visit us on the web
by scanning or go to:

www.climatecaddy.com

PGA 2017 MERCHANDISE SHOW

TOP BUYERS CHOICE AWARD WINNER



Thank you for choosing Climate Caddy for your electric cart heating and cooling needs!

By purchasing Climate Caddy you have received new, patent pending heating and cooling technology that we hope you will love.

We truly appreciate your business! Please let us know if we can help in any way. Your feedback is important to us as we constantly look for ways to improve our products.

Best Regards,

Climate Caddy Team

☎ 844-233-4121

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SAFETY

Only operate the Climate Caddy while module is attached to its base and securely mounted in the vehicle.

Do not block the Climate Caddy air intake.

Remove jewelry before hooking up to the battery to make sure that metal jewelry such as bracelets and rings do not come in contact with battery terminals and cause shorting.



Climate Caddy is made to be used on 48 Volt Golf Carts only. Do not attempt to hookup to a non-48 Volt Cart as damage to the Climate Caddy may occur.

Disclaimer: *Many things can affect the driving range of the 48 Volt electric Golf Cart including ambient temperature, terrain, driving conditions, payload, driving habits, battery age and tire pressure.*

A Golf Cart Enclosure is recommended for maximum heater performance and efficiency. Operating the Climate Caddy heater modes without an Enclosure will further reduce Golf Cart driving range.



Climate Caddy Module **(A)**



Hex HD Nut **(L)**



Hex HD Bolt **(K)**



Self-Tapping Screws **(E)**



Cup Mount **(B)**



Tripod Mount **(C)**



Nut plate **(D)**



Washer **(G)**

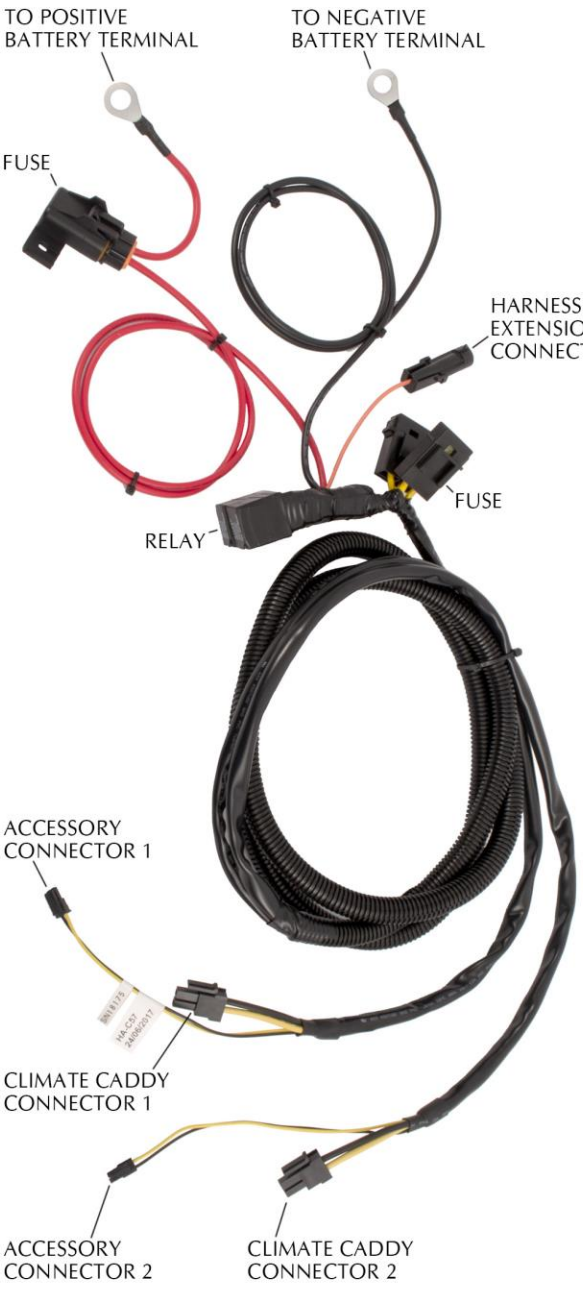


Phillips HD Screw **(F)**



Velcro Ties **(J)**

Wiring Harness HA-C57 **(I)**





Harness Extension HA-C54



Harness Extension HA-C55



Switched Power Adapter HA-C39

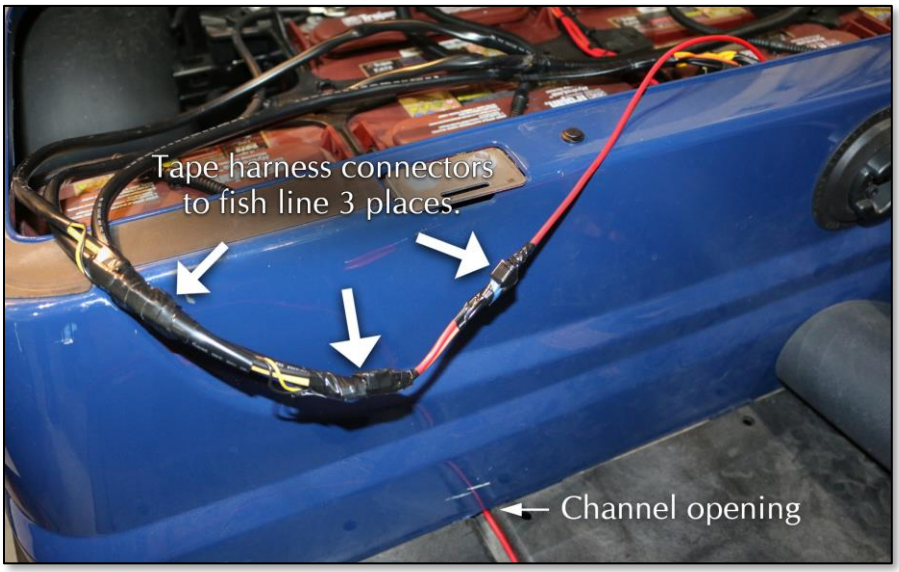
YAMAHA INSTALLATION INSTRUCTIONS

1. Remove Golf Cart Seat, Rubber Mat, and Dash Cup Holder panel.

2. Run fish line and fish harness through channel opening.

   a. Feed fish line through battery compartment channel opening as shown.

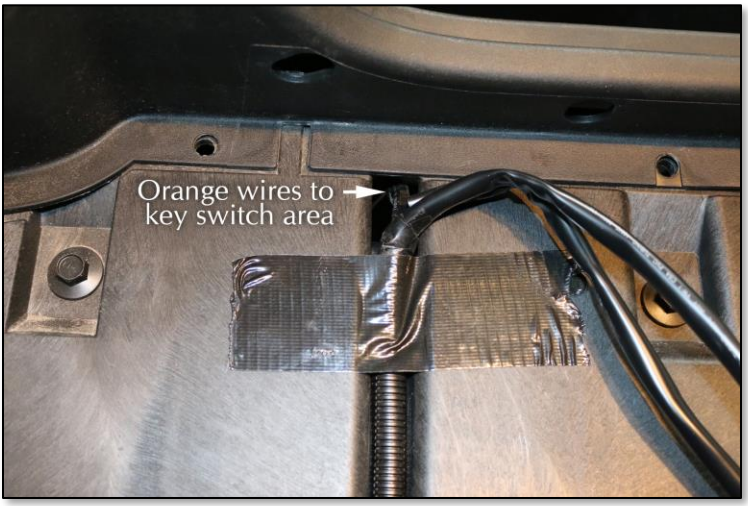
   b. Tape Wiring Harness (I) connectors along the fish line 3 places so that connectors do not overlap as shown. This will allow enough clearance for harness to pass through opening.



   c. Pull on fish line to feed harness through channel opening.

   d. Remove tape from harness.

3. Route Wiring harness along channel into key switch area as shown.
Note: Use tape to hold harness in channel.

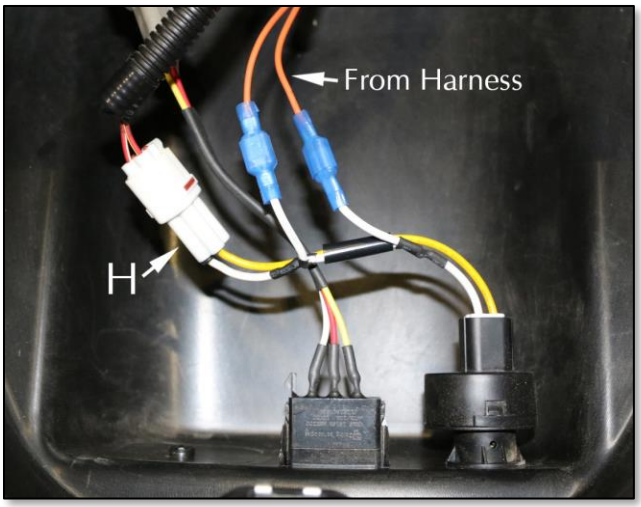


4. **SWITCHED POWER HOOKUP**

This step varies depending on your vehicle's model.

Method A (for older vehicle models)

Connect the Switched Power Adapter HA-C39 to vehicle's key ignition area behind the dash as shown.

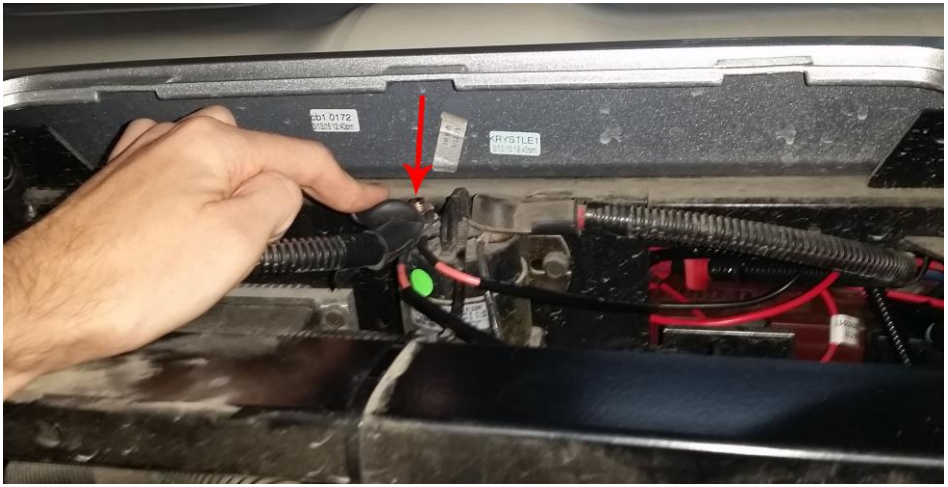


Method B (for newer vehicle models)

A. Attach Harness Extension HA-C55 to the Wiring Harness (I) harness extension connector.
B. Access the rear battery compartment by removing the black plastic cover on the back of the cart. Gently pry off the fasteners with a Philips HD screwdriver.

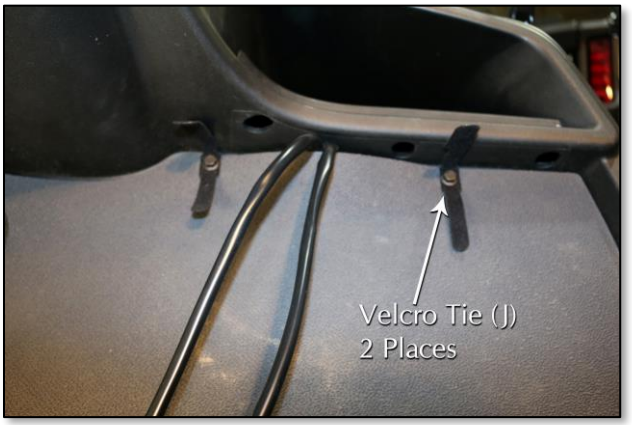


C. Feed the HA-C55 from the front battery compartment to the rear area and connect the HA-C55 ring connector to the highlighted switched power terminal. Reinstall plastic cover.



Reinstall Rubber Mat.

5. Install Velcro Ties (J) using existing bolts 2 places as shown.



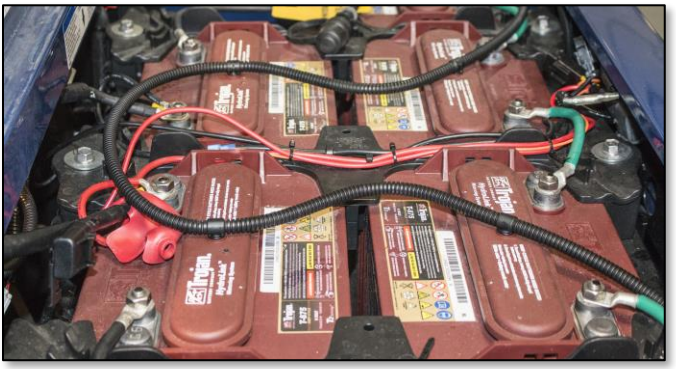
Note: The Velcro ties are intended to hold the harness and connectors when not in use. If only one Climate Caddy will be installed, then the extra connector can be doubled back and stored under the rubber mat.

6. Connect Wiring Harness (I) to battery terminals.

   a. Connect the red wire to positive battery terminal as per battery reference guide on page 23.

   b. Connect the black wire to negative battery terminal as per battery reference guide on page 23.

   c. Use cable ties to dress wire appropriately.



Note: Battery diagrams are representative and may not match actual configuration. Always confirm correct terminals before hooking up the Climate Caddy.

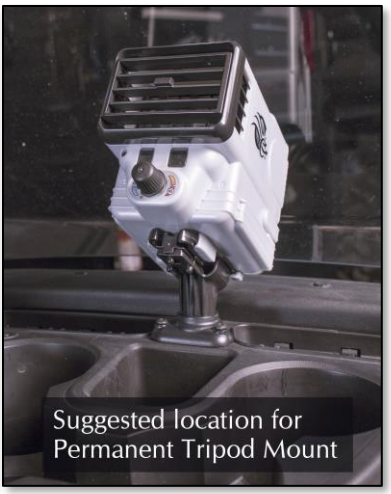
7. Reinstall Golf Cart Seat.

8. Install preferred Climate Caddy Mount to chosen location.

Note: To install into an existing cup holder, use the Cup Mount. Use the Tripod Mount to install directly onto the dash.

9. Continue to page 17 for mount installation instructions.





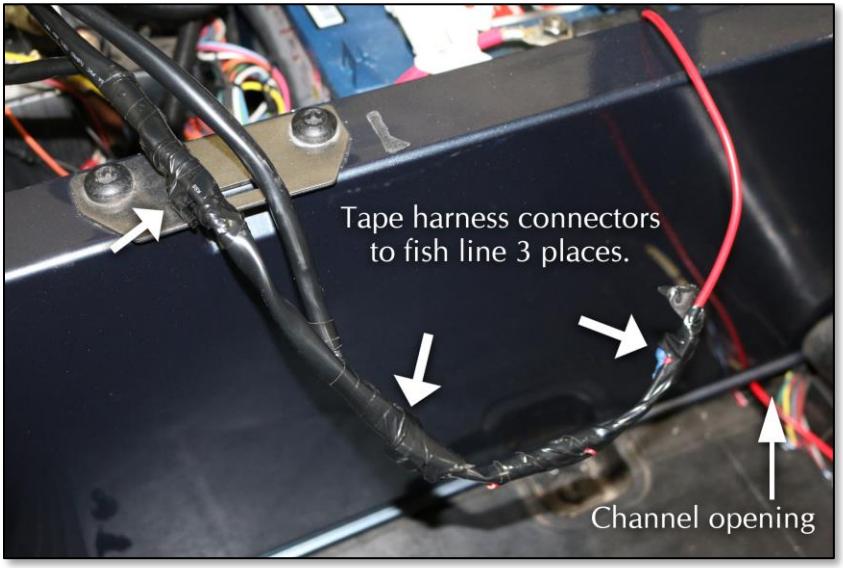
EZ-GO INSTALLATION INSTRUCTIONS

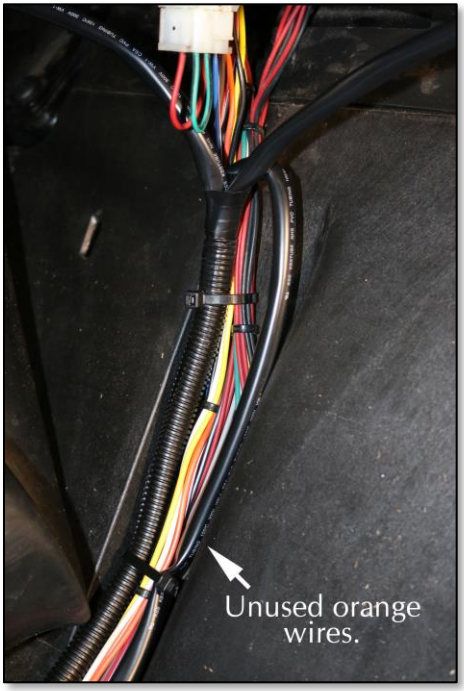
1. Remove Golf Cart Seat and Rubber Mat.

2. Run fish line and fish harness through channel opening.

   a. Feed fish line through battery compartment channel opening as shown.

   b. Tape Wiring Harness (I) connectors along the fish line 3 places so that connectors do not overlap as shown. This will allow enough clearance for harness to pass through opening.





c. Pull on fish line to feed harness through channel opening.

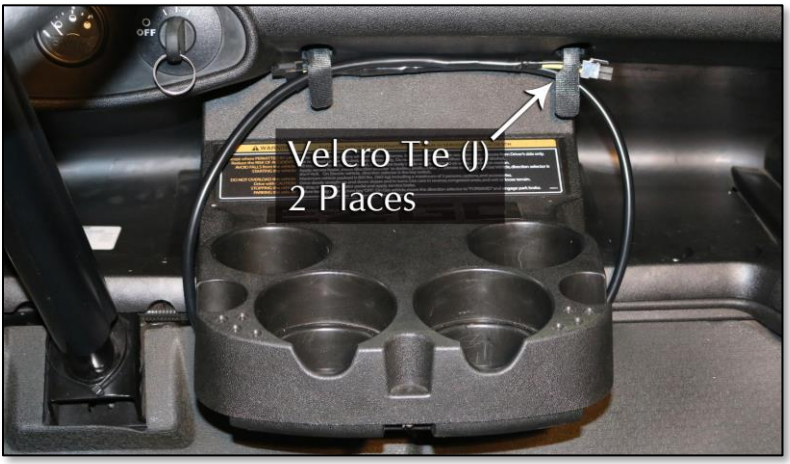
d. Remove tape from harness.

3. Route Wiring harness along channel to front of vehicle as shown.

Note: The two orange wires with blue connectors will not be used for this install. Double back the orange wires into the channel and secure with cable tie to store.

4. Reinstall Rubber Mat.

5. Install Velcro Ties (J) using existing bolts 2 places as shown.



Note: The Velcro ties are intended to hold harness and connectors when not in use. If only one Climate Caddy will be installed, then the extra harness and connector can be doubled back and stored under the rubber mat.

6. Connect Wiring Harness (I) to battery terminals.

    e. Connect the red wire to positive battery terminal as per battery reference guide on page 21.

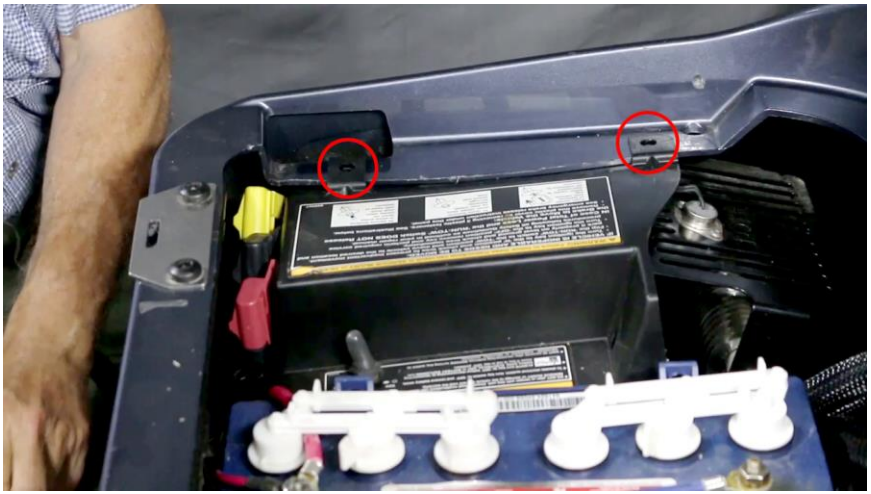
    f. Connect the black wire to negative battery terminal as per battery reference guide on page 21.

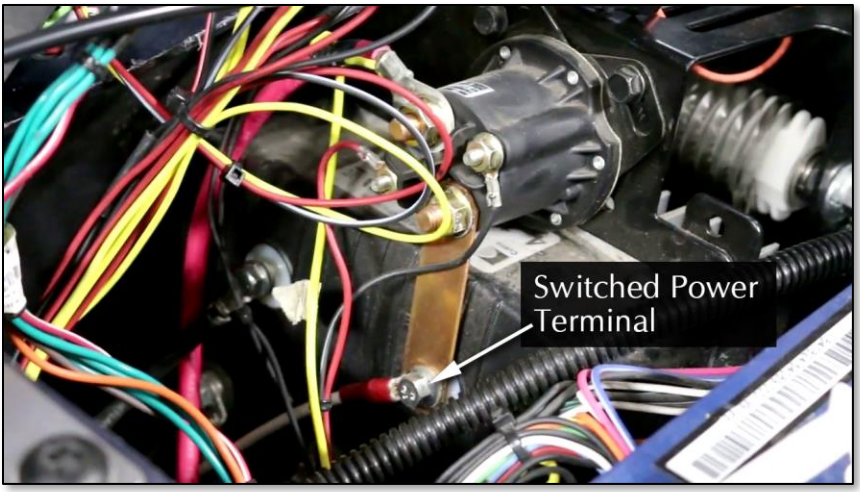
    g. Use cable ties to dress wire appropriately.



Note: Diagrams are representative and may not match actual configuration. Always confirm correct terminals before hooking up the Climate Caddy.

7. Remove black plastic cover over electrical area and install E-Z-GO Switched Power Adapter (HA-C55) to the switched power terminal as shown on page 13.

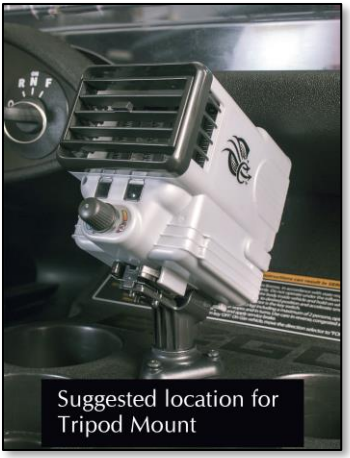




8. Reinstall Golf Cart Seat.

9. Install preferred Climate Caddy Mount to chosen location.





Note: To install into an existing cup holder, use the Cup Mount. Use the Tripod Mount to install directly onto the dash.

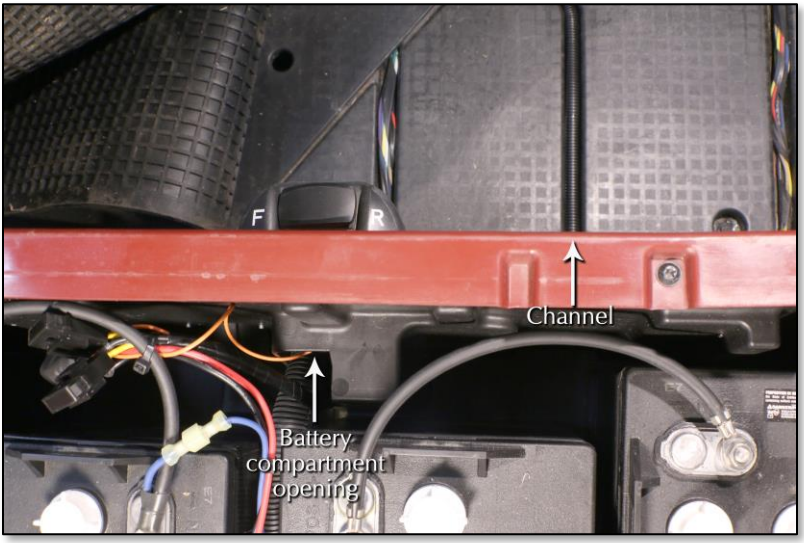
10. Continue to page 17 for mount installation instructions.

CLUB CAR INSTRUCTIONS

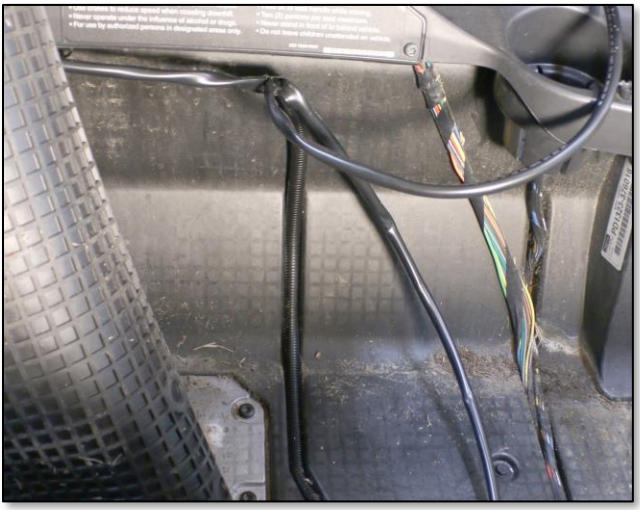
1. Remove Golf Cart Seat and Rubber Mat.

2. Unscrew the Front Dash panel and let it hang loosely as shown in step 7.

3. Feed Wiring Harness (I) through battery compartment opening.



4. Route Wiring harness along channel to front of vehicle as shown.



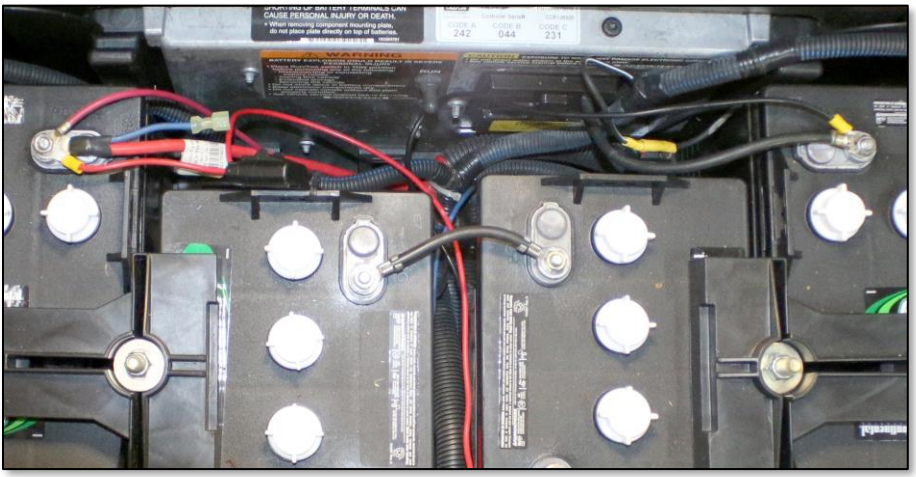
5. Reinstall Rubber Mat.

6. Connect Wiring Harness (I) to battery terminals.

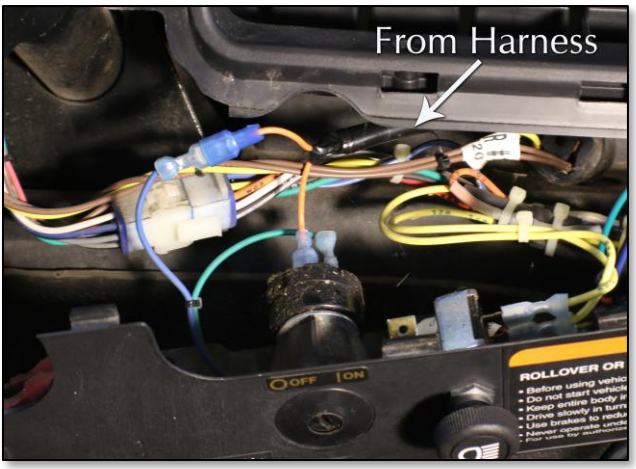
    a. Connect the red wire to positive battery terminal as per battery reference guide on page 21.

    b. Connect the black wire to negative battery terminal as per battery reference guide on page 21.

    c. Use cable ties to dress wire appropriately.



Note: Diagrams are representative and may not match actual configuration. Always confirm correct terminals before hooking up the Climate Caddy.



7. Attach Switched Power as shown.

8. Reinstall Golf Cart Seat.

9. Reinstall Front Dash Panel while installing Velcro Ties (J) using existing bolts 2 places as shown.



Note: The Velcro ties are intended to hold harness and connectors when not in use. If only one Climate Caddy will be installed, then the extra connector can be doubled back and stored under the rubber mat.

10. Install preferred Climate Caddy Mount to chosen location.





Note: To install into an existing cup holder, use the Cup Mount. Use the Tripod Mount to install directly onto the dash.

IF USING THE CUP MOUNT (B)



a. Depress locks on side of Cup Mount & rotate Bottom to disengage teeth.

b. Place Cup Mount assembly in dash cup holder. Insert screw (F) with washer (G) & nut plate (D) through the cup holder's drain hole (Do not tighten).

c. Push down Cup Mount Top Piece to set the cup mount depth. The Lip seal will conform to the varying dash surface to ensure there are no gaps. Tighten screw (F).

d. Snap the Climate Caddy Module onto the Cup Mount Clip.

IF USING THE TRIPOD MOUNT (C)

a. Place the Tripod Mount onto the chosen mounting location and secure with Self Tapping Screws (E) 3 Places. **Note: After placing the first screw, rotate the Mount Clip to access each screw hole as shown.**

b. Attach Climate Caddy to Mount Clip.

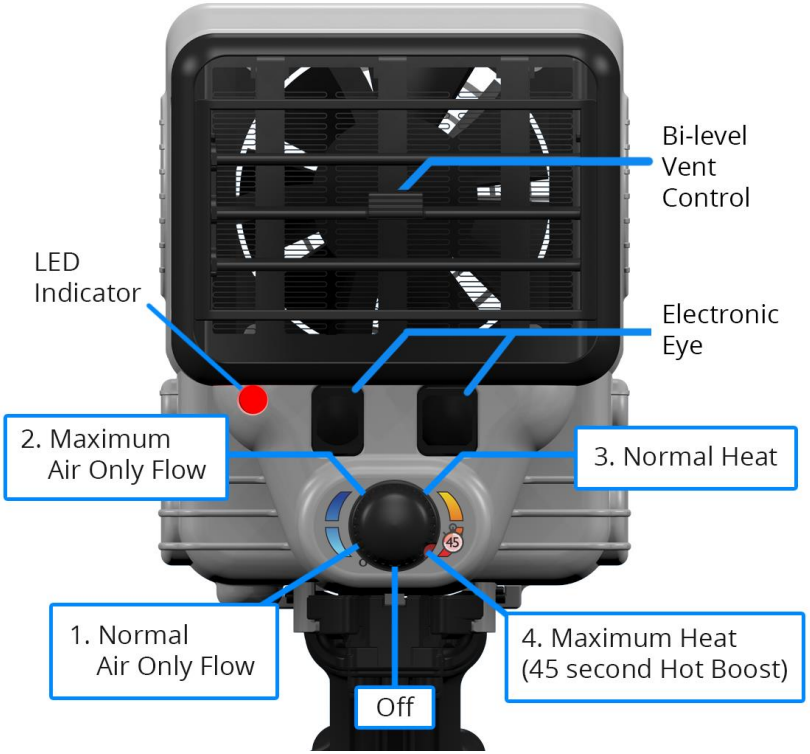
c. Plug Harness into Climate Caddy.

Note: If using the optional USB accessory, you will need to plug it into the Climate Caddy harness.



OPERATING GUIDE

The Climate Caddy has four modes of operation with a color coded LED indicator:



1. Normal “Air Only” Flow (Blue LED)

2. Maximum “Air Only” Flow (Blue LED)

3. Normal Heat (Orange LED)

4. Maximum Heat (Red LED) with 45 Second Hot Boost*

*When in mode 4, the Climate Caddy will run at maximum heat and air for 45 seconds and then automatically switch back to mode 3 to conserve battery. To reset the power boost, turn knob to mode 3 and back to mode 4.

Bi-level vent system

The three center fins can be moved to adjust the air flow direction. Rotating the fins to their maximum upward position will partially close the front vent and send air out the side vents, towards the floor. The side vents are also ideal for warming your hands.

Electronic Eye

The Electronic Eye monitors the Golf Cart passenger compartment and automatically turns off the Climate Caddy after 30 seconds of no occupants being detected.

When in heater modes 3 & 4, the LED indicator will turn blue after 30 seconds to indicate the Climate Caddy is powering off.

When in air only modes 1 & 2, the fan speed will slow after 30 second to indicate the Climate Caddy is powering off.

The heater will automatically resume when the Electronic Eye detects a passenger at the last chosen mode.

Battery Fail-Safe Sensor

The Climate Caddy will automatically power off after the total battery charge drops below a preset voltage. This prevents on course battery drain should you start play without a full battery charge.

Note: Turn the control knob slowly to allow the Climate Caddy's Power Management Technology to smoothly transition between operating modes. This will ensure maximum efficiency with minimum battery drain.

WARNINGS:

• Do not drop or submerge the Climate Caddy in water or liquid.

• Do not block the Climate Caddy air intake.

• Shorting across battery terminals may cause battery explosion.

MAINTENANCE:

• Periodically check Electronic Eye lens for smudges or debris and gently wipe clean with a microfiber cloth. Contamination of the Electronic Eye lens can impede its ability to accurately detect occupants in the vehicle cabin.

• Regularly check and maintenance the Golf Cart batteries as instructed in your Golf Cart owner's manual. **READ ALL WARNINGS AND SAFETY PRECAUTIONS IN GOLF CART MANUAL BEFORE SERVICING VEHICLE.**

TROUBLESHOOTING:

• Make sure the Golf Cart batteries are fully charged. The Battery Fail Safe Sensor prevents the Climate Caddy from powering on if the total battery charge drops below a preset voltage. Many factors can affect the battery charge including age, condition, ambient temperature, and electrolyte levels.

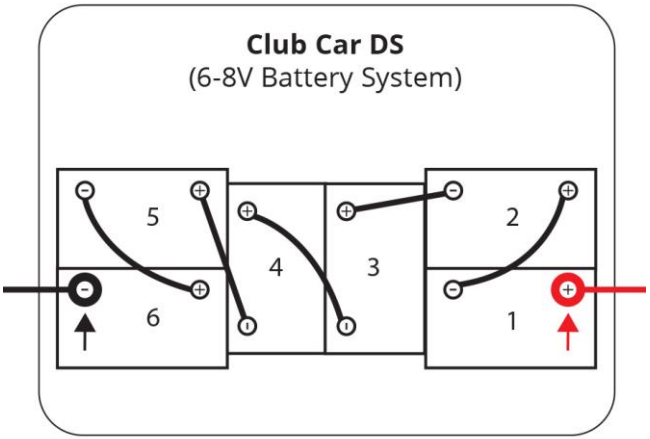
Note: One or more bad batteries with low-voltage can cause the fail-safe sensor to activate and prevent the Climate Caddy from powering on.

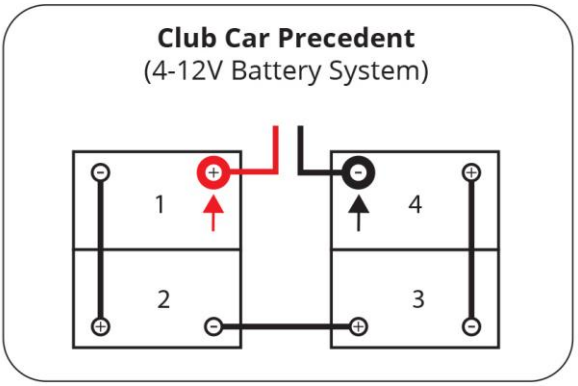
• If you are having trouble powering on the Climate Caddy, ensure that the control knob is in the "Off" position when starting the vehicle, and that you gradually (slowly) turn the knob between modes. This is a power saving feature to prevent amperage spikes that can occur when instantly switching to maximum heat.

BATTERY REFERENCE GUIDE

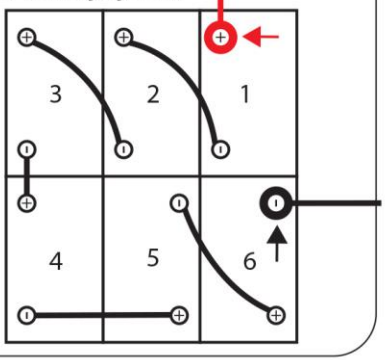
To correctly power the Climate Caddy, attach the Red Wire to the 48V output terminal having a red wire leading away from the battery pack, and the Black Wire to the 48V ground output terminal having a black wire leading away from the battery pack.

Note: Diagrams are representative and may not match actual configuration. Always confirm correct terminals before hooking up the Climate Caddy.

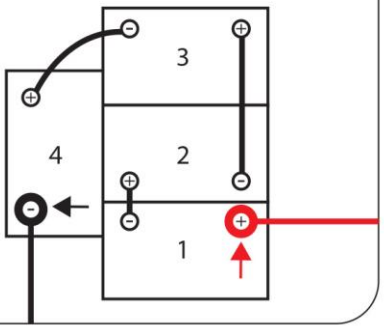




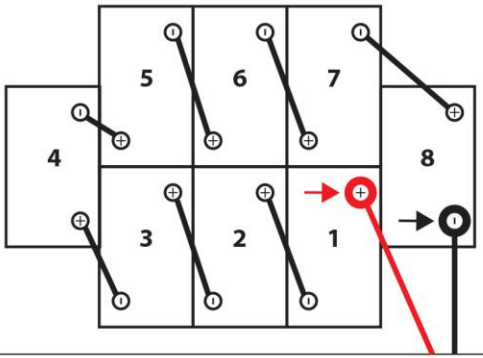
EZ-GO RXV
(6 - 8V Battery System)



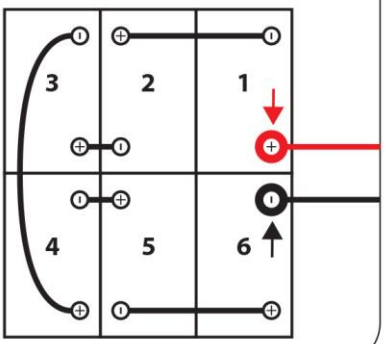
EZ-GO RXV
(4 - 12V Battery System)



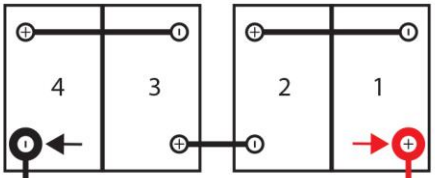
Fair Play ZX
(8 - 6V Battery System)



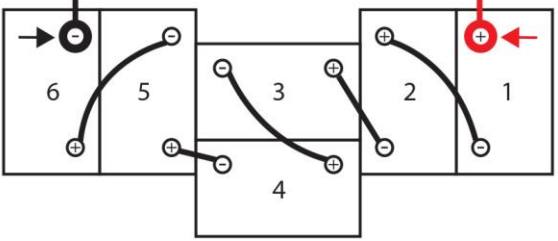
Fair Play ZX
(6 - 8V Battery System)



Yamaha YBPE
(4-12V Battery System)



Yamaha
(6-8V Battery System)



Climate Caddy Two Year Limited Warranty

TSI Products, Inc./Climate Caddy Products are warranted to the original retail purchaser, to be free from defects in materials and workmanship except as otherwise provided herein. This warranty is not transferrable and is effective from the date of the original purchase date.

This Warranty Covers:

1. During the first year from the original retail purchase date, TSI Products/Climate Caddy will, at its option repair or replace defective components, including labor and cost of shipment to original consumer.

2. After the first year from original retail purchase date, up to the term of the warranty, TSI Products/Climate Caddy will repair or replace defective components with an identical or reasonably equivalent new component for a $5.00 service charge which includes labor and cost of shipment to the original consumer.

The Warranty Does Not Cover:

1. Cost of shipping the product to TSI Products/Climate Caddy.

2. Normal wear, scratches or fading of the product.

3. Damage caused by abuse, misuse, neglecting to follow use procedures, failure to follow installation procedures (See instructions in product package) or product modifications made by consumer.

4. Damage to home or vehicle electrical system or components caused by inadequate wiring to the product plug-in point.

5. Damage to any object placed close (see instructions on product package) to the air output of the heater.

6. Damage caused by dropping of heater.

7. Product sold outside the USA.

8. Consequential damages, incidental damages or expenses, including damages to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so above limitation or exclusion may not apply to you.

Procedures for Warranty service:

1. Contact TSI Products/Climate Caddy (844-233-4121) for a return authorization number. Write this number on the carton being returned to TSI Products/Climate Caddy.

2. Attach, to the product itself, a tag showing your name, address, phone number, description of the problem and proof of retail purchase date. Enclose a cashier's check, check, Visa or MasterCard information or money order for applicable service charges.

3. Package the product carefully to ensure that no damage occurs during return shipment. Return the product, postage prepaid, to TSI Products/Climate Caddy.

Implied Warranty:

This warranty is limited to the provisions clearly stated herein. Any implied warranties, warranties of merchantability, warranties of fitness for a particular use are excluded.

If any provision of this warranty is prohibited by federal, state, or local law, that provision shall not be applicable.

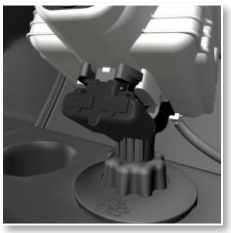
Visit www.ClimateCaddy.com to learn more about our growing lineup of accessories including:



Portable Mount Kit

A portable mounting solution that adjust to fit any sized cup holder. Includes a convenient Carrying Case and the Monarch Cord Keeper, a lay-flat wiring harness.

Part# SCC7701



Dual USB Power Accessory

Recharge your Cell Phone and other mobile devices. Easily attaches to the Climate Caddy Mount Clip.

Part# SCC7705



Phone Holder Accessory

Safely store your Cell Phone and other mobile devices. Snaps onto the Climate Caddy and accommodates a wide range of phone sizes and styles.

Part# SCC7706