



Home of the Cool Breeze **Heater/Cooler** Air Top

Model 601 Cool Top

*Club Car
Installation*

Years 1980 – 1999

Tools Needed:

- Drill with 5/16" bit
- 4 clamps (Vise-Grip Model 11-SP Recommended)
- 7/16, 1/2, 9/16 Wrenches
- Phillips head screwdriver
- ¼ inch hex head driver

Frame and Bow Installation:

1. Remove old top



2. Measure each side of the frame. Clamp frame and spacers evenly to rear supports and drill four 5/16" holes through frame and spacers. Spacers are to make sure the frame is level. Only use spacers if not level. Use Figure A below to complete:



Figure A:

Measure 18" from the center of the frame to end of each spacer.





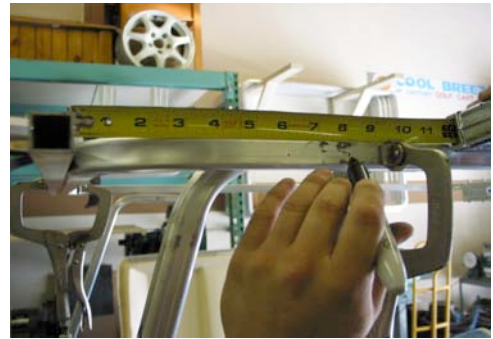
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3. Insert 5/16" x 3 1/2 bolts up through holes and tighten rear supports to frame.



4. Remove windshield mounting screws or rivets (if necessary) from top half of front support posts.

5. Clamp existing front supports inside frame and drill four 5/16" holes through the existing support holes and new frame. Secure frame to front support with 5/16" x 2 1/2 truss head bolt through rear hole on each side. Then insert front bow flange 11 3/4" off of the front of the frame and re-drill through bow flanges. Insert the 5/16" x 2 1/2 truss head bolts through the front support holes and tighten all four front support bolts. This completes the installation of the frame and front bow.



6. Measure 25 3/4" from the front bow (or 40" from the front of the frame) on both sides and install the rear bow behind the 25 3/4" mark using one #8 x 3/4 hex head screw on each.



7. Adhere the foam tape to the top of the cross bows. DO NOT EXPOSE the topside of foam tape. This may be done if desired *after* installation is complete.





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Wiring from Cool Top to Batteries:

1. After frame and bows are installed, drill a 5/16” hole in the top curve of left front support post and another 5/16” hole on the bottom front support curve. Then drill a third hole into the body of the golf cart directly beneath the hole drilled on the bottom curve. Once drilled, feed the parallel power wire down the post starting from the top and out the bottom hole, leaving about 8” of wire exposed at the top for connection to the unit.



2. There is a “puller” black wire with a crimped terminal end inside of the front bow. This is to connect the power wires from the Cool Top to the hook up wires. Strip about 2” of the Cool Top wires (Red and Black) and attach securely to the “puller” wire. Pull the power wires through the bow, and out the left side. Discard black “puller” wire after pulled through bow.



3. Place the Cool Top on the frame and bows, but DO NOT ATTACH.

4. Connect the Cool Top power wires with the wires from the front support using the butt connectors. Remove slack in wire by pulling from the bottom curve of the left support.

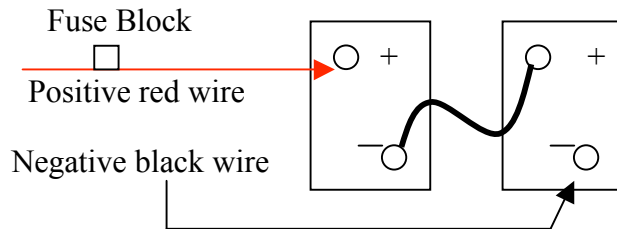
5. Pull top down over frame *tightly* and secure to frame with #8 x 3/4 self-tapping screws. Make sure that the Cool Top and frame are flush. Evenly distribute the self-tappers around the perimeter of the Cool Top.

6. Thread wire coming down the front post through the 5/16” hole in the body, pull through, under the chassis, and into the battery compartment. Connect the red wire to the fuse block and then to the positive battery terminal. Connect the other wire to a negative terminal either 12 or 16 volt from the positive terminal. Make sure the fuse is not inside of the fuse block yet. See Figure B.



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Figure B:



7. Get the panel (the separate piece with vents) and connect the two wires inside the blower compartment to the switch and install the panel with the screw taped to the inside.

8. If unit is equipped with a speed control (rheostat), connect the red wire to the switch and the male connector to the female.



9. The blower will only operate in one direction effectively. If the blower does not operate properly, the polarity must be reversed in the battery compartment.

10. Fill the unit with 6 quarts of water, add the fuse to the fuse block, and it's ready to start cooling! Congratulations!

***If there are any technical questions please feel free to call us at:

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