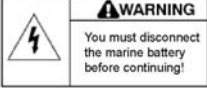


1 Connect the Thermostat Cable to the Battery

To begin with, a line must be run to the battery. A good place to connect to the battery is above the refrigerator. Remove six phillips-head screws from the corners and the middle of the face plate above the refrigerator. Now you need either a simple 12 volt bulb tester from an auto store, or a test meter from Radio Shack or another electronics store. Use the battery tester to find the ground wire and the +12Volt lines at the connector. Place a piece of tape or some other reminder on each of these so that you can easily find them again.



Disconnect the battery. Open the rear hatch of the Camper and remove the cover from the battery compartment. It is located to the right of the back of the cabin, as you face inward. Disconnect both battery terminals.

Now that the power is completely disconnected, return to the area above the refrigerator. Cut two wires where +12V and Ground were located, and splice in the two wires using a crimping tool, with three wires into each of two splices (preserving the old connections). Tug on the wires after splicing to be sure they are securely connected.



2 Route the Cable to the Thermostat Mounting Area

Run the cable to be routed behind the cabinet, and up the door shim, to the thermostat. An electrical snake makes this easy to do. An outside mounting might also be used.



3 Drill the Case

Remove the old thermostat. The different Campers vary as to where the cables were run and where the mounting holes lie. To fit your Camper, use a paper and pencil to trace the backing plate of the thermostat. Cut out the outline, and place the piece of paper in the upper left hand corner of the wall where the Camper-Thermostat is to be located. Be sure to get close to the ceiling and the left wall, because once the Camper-Thermostat is installed, the lid over the stove must still open freely!

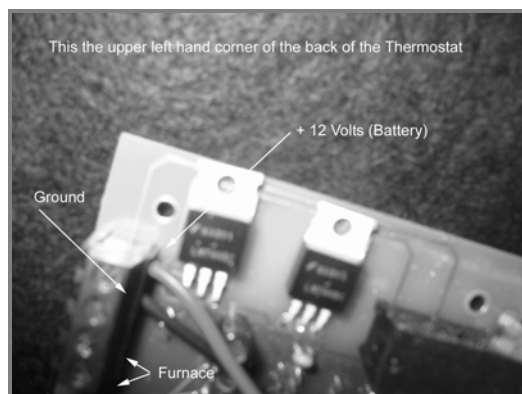
Clearly mark the stencil where the mounting holes are located, and where the cables pass through the wall. You might simply cut out the paper where these areas are located. Using the paper stencil, mark the areas on the new Camper-Thermostat case which must be drilled. Securely clamp down the Camper-Thermostat backing and drill where needed.

4 Connect the Camper-Thermostat

First mount the Camper-Thermostat backing to the Camper wall, with the four connection wires passing through the backing. Then connect the color coded wires to the Camper-Thermostat's back. Note the markings for Ground, +12Volts, and for the furnace. The furnace wires which were connected to the old thermostat can be connected in either order, but the battery wires must be connected to the proper terminals. **If the battery wires are reversed, the Camper-Thermostat will be destroyed.**

Now finish mounting the Camper-Thermostat by first running the screws through the holes in the circuit board corners. Now pass each screw through a nylon spacer, and finally tighten each screw into the case backing (see picture below). Place the cover on the Camper-Thermostat. Be sure the power is off by pressing the on switch. It should be in the outer position. Now, reconnect the battery, and you are ready to go!

Thank you for selecting the Camper-Thermostat, and we wish you many warm and happy adventures.



Recommended Tools

Flat blade and Phillips Head Screwdrivers
Voltage Meter
Tape, Scissors, Pencil and Paper

Crimping Tool
Electrical Snake