

Upgrade CAR to CAC INSTRUCTION MANUAL

TOOL(S) NEEDED:

- 7/16" Wrench or nut driver
- 11/32" Wrench
- Flat blade screwdriver
- Hammer
- 3/8" Wrench or nut driver
- Phillip's screwdriver
- Pop Rivet gun for 1/8" pop rivets

KIT CONTENTS:

- (1) Controller in galvanized box
- (1) Insulation
- (1) Wire Harness
- (1) Probes - water and air

INSTRUCTIONS:

1. **DANGER - Disconnect cabinet from power.**
2. Remove top and side panels.
3. Move cooling fans from inside to outside panels of cabinet as shown in figure 1.
4. Remove controller from outside of cabinet by removing two screws securing stainless steel bezel. Then unplug two connectors from inside galvanized controller box.
5. Remove 6- and 9-pin connectors from back side of controller galvanized box.
6. Remove galvanized can by removing four nuts holding can against front panel (save nuts for re-use). Then remove two pop rivets and speed nut/screw.
7. Install insulation in space underneath galvanized can.
8. Install new galvanized can in place of old can using self-tapping screws in place of old pop rivets and speed nut. Secure can to front panel using same four nuts removed in step #6.
9. Reconnect the original 9-pin connector to the back side of the new galvanized can (figure 1).
10. Connect the new 6-pin connector, provided with kit, to back side of new galvanized can (figure 1).
11. Remove old air and water probes and replace with new probes provided with kit (figure 1).

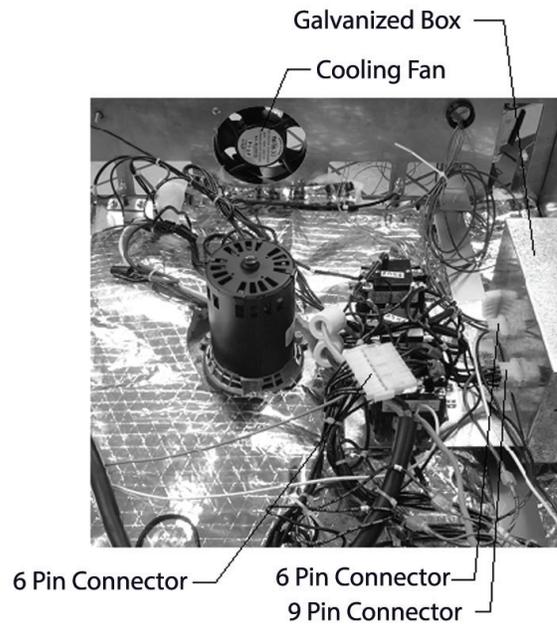


Figure 1

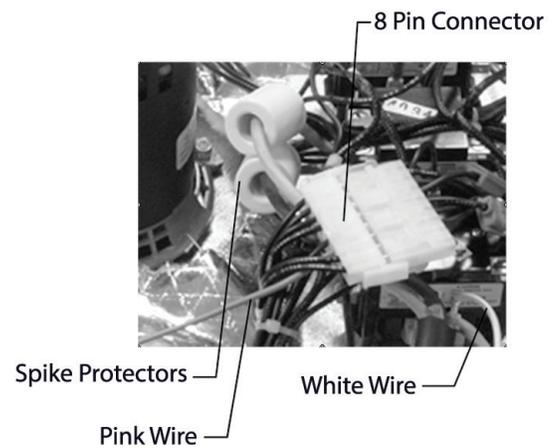


Figure 2

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12. Connect new water probe wires (blue) to new 6-pin connector blue wires (figure 1).
13. Connect new air probe wires (red) to new 6-pin connector red wires (figure 1).
14. Insert connector-end of pink wire (from new white and pink wire harness) into # 6 position (the only one open) of the 8-pin connector (figures 1 and 2).
15. Insert uninsulated terminal of white wire (from new white and pink wire harness) on terminal #1 of relay labeled “evap relay” (figure 2).
16. Insert white spike protection devices on black and white incoming power lines as shown in figure 2.
17. Insert plastic bushings provided in new kit into holes as shown in figure 3.
18. Disconnect wire push-on terminals from water solenoid and float (figure 3). Reconnect white and pink terminals from new wire harness to spade terminals on water solenoid (**Note:** Center spade terminal on water solenoid is not used).

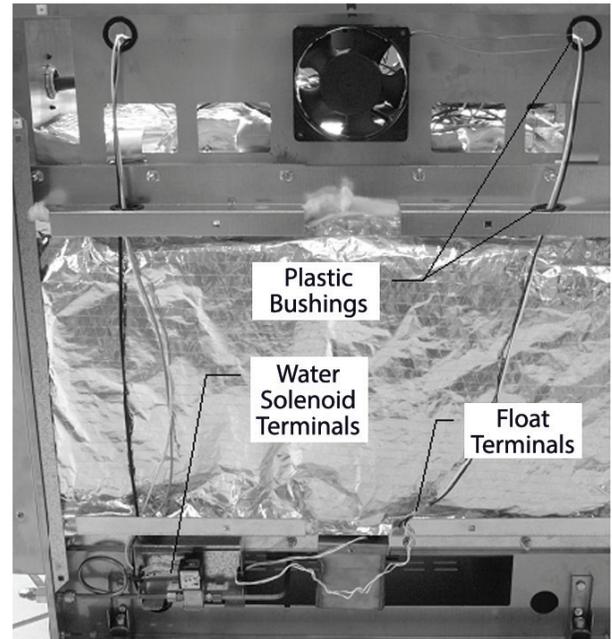


Figure 3

19. Remove top of water reservoir to expose float (figure 4).
20. Remove cir-clip from bottom of float stem. Remove float body and turn upside down, then reinstall on stem with cir-clip. Re-install top of water reservoir onto tank.
21. Reconnect black and white wires from 6-pin connector to float by running them through the new plastic bushings installed in step #17.
22. Reinstall new controller provided in kit.
23. Replace side and top panels on appliance, reconnect power and test.

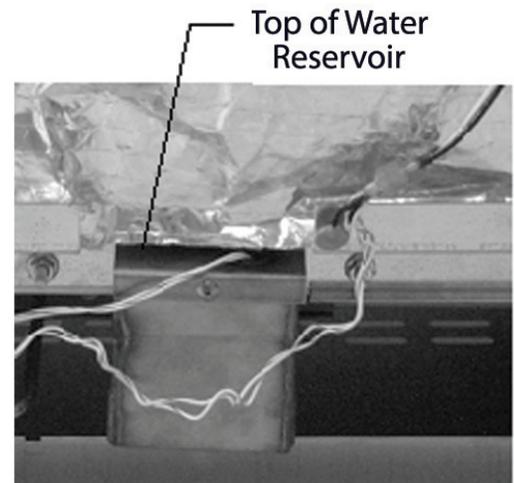


Figure 4

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