

KIT PART NUMBER 3153110

INSTRUCTIONS FOR INSTALLING A CUP SWITCH KIT IN A 315 SERIES COLDTRON

CHECK THE PARTS RECEIVED IN THE KIT WITH THE PARTS LIST IN THESE INSTRUCTIONS. IF ANY PARTS ARE MISSING, CONTACT NATIONAL VENDORS' PARTS DEPARTMENT

Read these instructions carefully before installing the kit. Refer to Coldtron I Parts Manual (3150060). Keep these instructions for part numbers and for future reference.

This kit contains the following:

INDEX	PART NUMBER	DESCRIPTION	QUANTITY
1	3153106	Paddle Deflector Assembly	1
2	3153109	Switch Bracket	1
3	6152136	Screw #2-56 x .75	2
4	4751185	Switch and Harness Assembly	1
5	6152135	Hex Nut #2-56	2
6	3156051	Cup Switch Harness	1
7	1452139	Cable Clamps	3
8	3153111	Installation Instructions	1
9	6232061	Cup Switch Label	1
10	4245351	Relay, 4 PDT 24 VAC	1
11	6203129	Relay Bracket	1
12	1451124	Supression Network Assembly	1
13	3153117	Switch Lever Bracket	1
14	3156052	Grommet (Heyco OCB-875)	1

INSTALL THE CUP SWITCH KIT PER THE FOLLOWING STEPS:

1. Unplug the merchandiser before continuing.

Refer To Figure 1.

2. Remove cup delivery compartment from the merchandiser.
3. Index numbered items are replacement parts provided in this kit. Replace existing parts with these new items. Use original screws and wingnuts to secure new parts. Be sure that the deflector and actuator assembly moves freely. To adjust the assembly, loosen the wing nuts and adjust the position.

NOTE

Do not discard parts removed in the following step.

4. Remove retainer and deflector balance weight from deflector assembly.
5. Install the deflector balance weight you removed in the previous step onto the new paddle deflector assembly (1). Secure with push on retainer.
6. Reassemble the paddle deflector (1) into the cup delivery compartment.

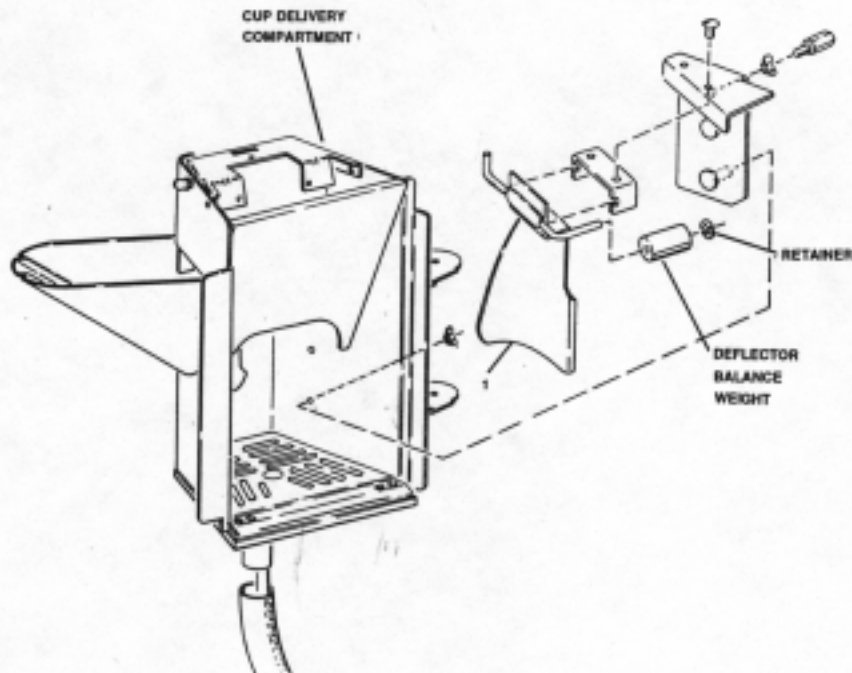


Figure 1

Refer To Figure 2.

7. Remove the cup delivery compartment bracket assembly.
8. Assemble switch and harness assembly (4) and switch lever bracket (13) to switch bracket (2). Secure with screws (3) and nuts (5). **DO NOT FULLY TIGHTEN AT THIS TIME.**
9. Move switch lever bracket toward switch until you hear the switch "click" on.
10. Move switch lever bracket away from switch only until you hear the switch "click" off. Tighten screws (3) and nuts (5).
11. Assemble switch bracket assembly (2, 3, 4, 5, and 13) to cup delivery compartment bracket, as shown. Secure with screws.
12. Replace the cup delivery compartment assembly in the machine. Secure with mounting hardware. **DO NOT FULLY TIGHTEN AT THIS TIME.**
13. Replace cup delivery compartment on its bracket, and swing into place.
14. Move the cup delivery compartment bracket until you hear the switch click "on". Tighten mounting hardware.

NOTE

To help you gain better access to the control box, you may wish to remove the cup dispenser assembly.

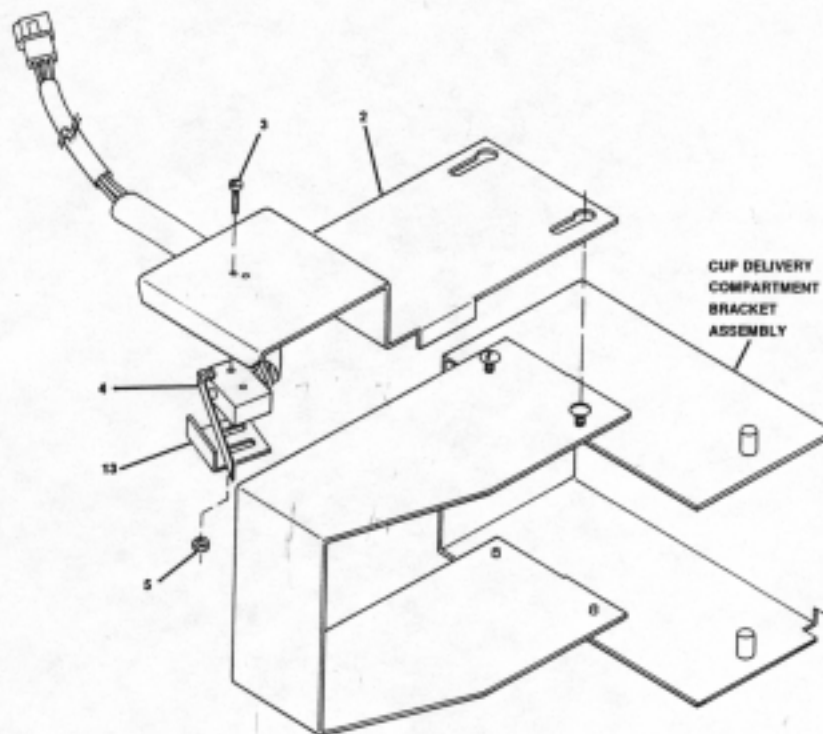


Figure 2

Refer to Figure 3.

15. Remove three screws from the control box front panel. Lower the front panel.

NOTE

The control box in your machine may have a large rear opening for wires. In that case, do not use item number 17.

16. Install grommet (14).
17. Route the cup switch connector end of the harness (6) through the grommet.
18. Remove plug P21 from controller PCB jack J21.
19. Connect plug P21 to the male harness jack.
20. Connect the female harness plug to controller PCB jack J21.
21. Remove P25 from controller PCB jack J25.

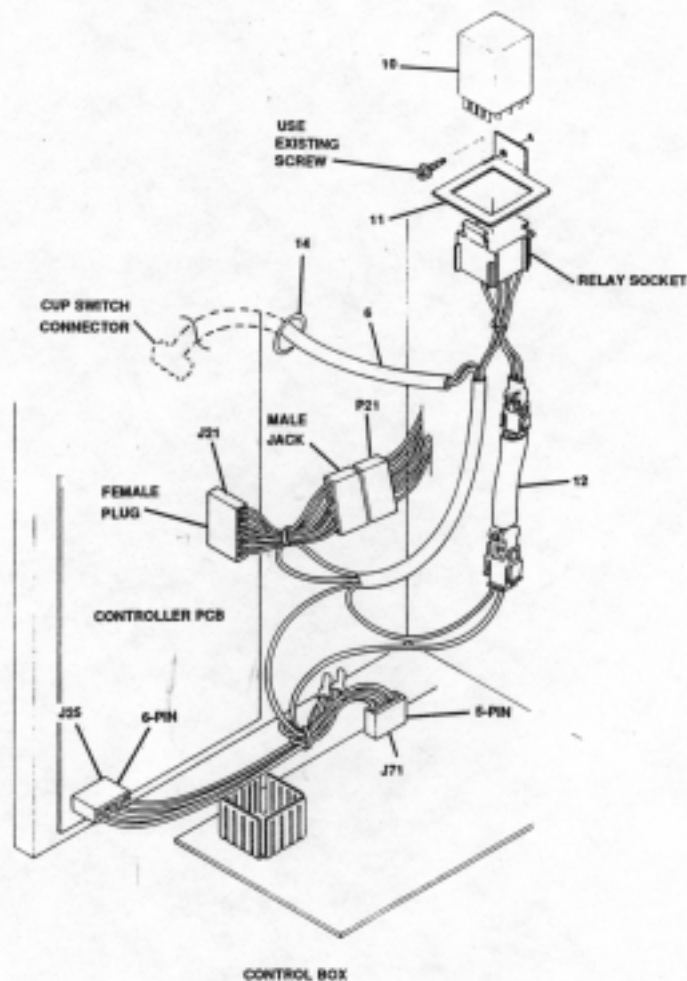


Figure 3

22. Plug the 6-pin female connector into PCB jack J25.
23. Remove P71 from rectifier and filter PCB assembly jack J71. Discard P25/P71 jumper wires.
24. Plug the 5-pin female connector into rectifier and filter PCB assembly jack J71.
25. Install relay bracket (11) using the existing screw in the rear of the control box.
26. Install the relay socket and the relay to the relay bracket connector.
27. Close control box front panel and secure with three screws.

Refer to Figure 4

28. Route the harness (6) as shown. Ensure the harness does not interfere with other parts. Install cable clamps (7) in the locations shown, using existing screws.
29. Connect the end of the harness to the switch and harness assembly.
30. Reassemble merchandiser, and test the operation of the cup switch. It may be necessary to loosen screws and adjust the various brackets until the switch operates correctly.

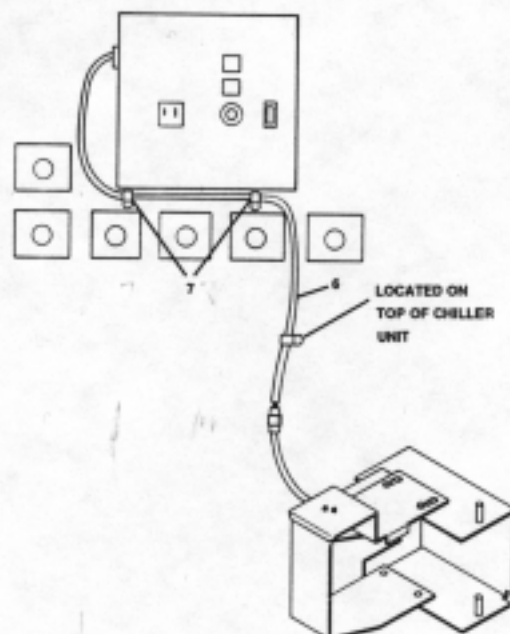


Figure 4