



AUTOMATED MERCHANDISING SYSTEMS
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5233-36-88-07-17

INSTRUCTIONS –

REPLACEMENT PART INSTALLATION FOR DUAL LAMP SYSTEMS

22922, Kit, Replacement Parts for 39" Snack Vendor with Dual Lamp Lighting Installed
22923, Kit, Replacement Parts for 39" Low Temp Vendor with Dual Lamp Lighting Installed
22924, Kit, Replacement Parts for 39" Low Temp Vendor with Dual Lamp Lighting Installed
22925, Kit, Replacement Parts for 39" Outdoor Vendor with Dual Lamp Lighting Installed

CAUTION:

- **Always wear eye protection and gloves when servicing the vendor**

Tools Required:

- 1/4" Nut driver
- 5/16" Nut driver
- 11/32" Nut driver
- 3/8" Nut driver
- #2 Philips screwdriver (short or offset)
- Side cutters

NOTE: All hardware and fasteners removed in these instructions will be used to install the replacement brackets and harness. The lamps will also be installed.

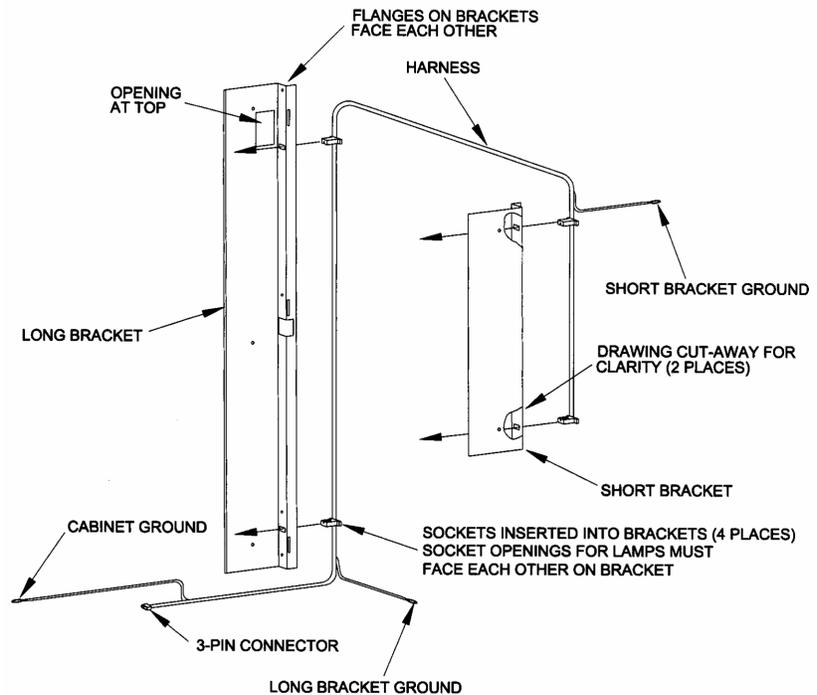
1. Unplug the vendor from the wall.
2. Open the door. (Note: all directions pertaining to the door will be given as if looking at the back of the door).
3. (*For VCB, VCF and VRM only*) Open the door to the right of the product trays and detach one end of the door spring. Leave this door open.
4. Remove the electrical panel cover located on the column to the right of the product trays. Remove only the top screw and loosen the remaining screws. Lift the cover to remove.
5. Remove the lamp covers and bulbs from the lamp brackets.
6. Remove the angled product deflector located above the left sensor cover.
7. Remove the plastic P-clips holding the lamp harness along the top of the window.
8. Cut the wire ties from the harness bundle bridging the door to the cabinet.
9. Remove the large plastic P-clip holding the harness bundle inside the cabinet.
10. Follow the green ground wire from the old lamp harness into the electrical panel. Remove this wire from its ground connection inside. The wire is secured with either a 11/32" nut or a #8 screw (more than one ground wire may be terminated at this point).
11. Disconnect the 3-pin connector connecting the lamp harness to the electrical system.
12. Remove the lamp harness from the harness bundle and carefully pull the harness from behind the left sensor bracket.

13. Remove the screws securing the long lamp bracket to the door, then remove the screws securing the short bracket. The assembly should be removed from the vendor and put aside at this time.

14.



15. If the new harness has not been assembled to the new brackets, do so at this time. Use the old harness and brackets as a guide. The new harness has a 3-pin connector at one end and a lamp socket at the other. The end lamp socket is snapped into place in the bottom opening of the short bracket, with the cross-shaped opening for the lamp facing the other end (see the photograph). The second socket is inserted into the top of the bracket with the cross-shaped opening for the lamp facing the first socket. The two sockets are assembled in the same way for the long bracket, and they must face each other (see the drawing).



REUSE FASTENERS AND HARDWARE TO INSTALL REPLACEMENT PARTS

16. Remove the screws attaching the ground wires from the old brackets and use these to install the new harness ground wires to the new brackets.
17. Transfer the P-clips and screws to the new brackets in a similar way.
18. Install the shorter lamp bracket on the door panel to the right of the delivery bin. The harness should exit at the top of the bracket, and the top edge of the bracket should be located approximately $\frac{3}{4}$ " below the top of the door. Attach the bracket with the removed screws. Do not pinch wires between the bracket and door.
19. Install the longer lamp bracket on the door panel to the left of the delivery bin using the same procedure. Do not pinch wires between the bracket and door.
20. Secure the harness above the window with the removed screws and P-clips. Turn the clips so the harness is above the screws.

21. Route the lamp harness from the bottom of the left lamp bracket down and behind the left sensor, then between the sensor bracket legs.
22. Route the harness to run along with the other harnesses. Reinstall the angled product deflector above the left sensor cover.
23. Use a wire tie to secure the lamp harness to the rest of the harnesses as close as possible to the bracket. If (*Snack Only*) the coin changer access door has a flange that wraps around the door panel, make sure the lamp harness does not rub on this flange when the harnesses are pulled toward the cabinet, as occurs when the door is opened.
24. Connect the lamp harness to the ballast harness connection.
25. Attach the ground wire from the lamp harness to the grounding stud or screw inside the electrical panel. Make sure any ground wires which had been removed are in place.
26. Reinstall the electrical panel cover and cover screw previously removed.
27. Reattach the door spring to the insulated door where applicable.
28. Starting at the door, reinstall 6 wire ties around the harness bundle, spaced equally apart between the door and the cabinet.
29. Wrap the P-clip around the harness bundle and in the cabinet. Make sure the vendor door is fully open and there is a small amount of slack in the harness bundle. Use another wire tie looped through the clip to secure the harness bundle and prevent sliding.
30. Install the bulbs in the lamp brackets. Make sure the clear plastic tubes and black end caps are in place over the bulbs before installation.
31. Install the lamp covers.
32. Plug in the vendor to test the lamps.
33. The old brackets and lamp harness may be disposed of.