

# Power Supply Replacement

This replacement Power Supply Kit allows a field replacement for the DM-700 and LM-700 dispensing systems.

**WARNING! This service replacement part is intended for use only by experienced installers! All machine and dispenser power must be shut off during this replacement procedure!**

## Instructions

- 1.0 Remove the two cabinet screws (Front Cover). Invert the cover assembly (along top edge hinge) and rest atop the cabinet (rear enclosure). If surface is not stable, unplug all connections to the main controller PCB and remove two tethers along top edge to remove the entire cover assembly.
- 2.0 Remove the lower internal partition by pressing on the snap detail of the upper partition and pulling outward on one of the two cylindrical handles of the lower partition (Fig. 1). Tilt the partition outward and bring forward to gain access to the lower portion of the power supply assembly (Fig. 2). Take note of the routing of wires for add-on components.
- 3.0 To remove the upper partition, remove the two screws (one on each side) from the partition.



Figure 1

(ware-wash version shown)



Figure 2

(ware-wash version shown)

- 4.0 Disconnect the power and signal inputs (Fig. 3) from the power supply assembly. Disconnect any other devices (pressure switch, solenoid, probe, etc.) from the interconnect portion (lower right) of the assembly.

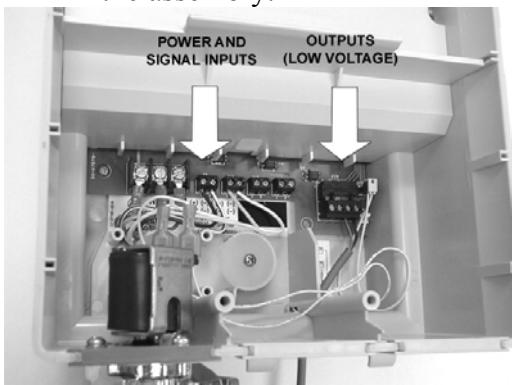


Figure 3



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- 5.0 Disconnect the wiring harnesses from the controller board if not done previously. To remove the power supply, remove the four screws (Fig. 4) that hold it in place and tilt the power supply assembly out of the unit. With the power supply assembly removed, unplug the inter-connect wiring harnesses (3-wire, 5-wire and 8-wire) from the old power supply assembly and connect them to the replacement (Fig. 5). It will be necessary to cut away the cable ties from the harness bundles and replace them when installed in the replacement.

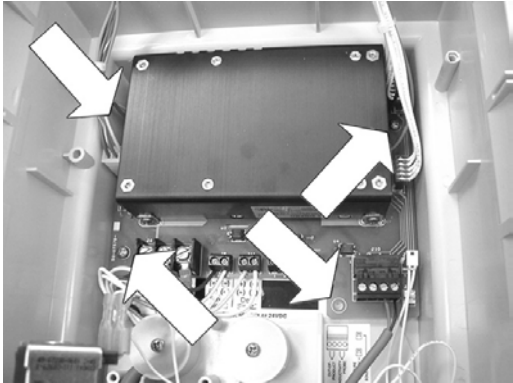


Figure 4

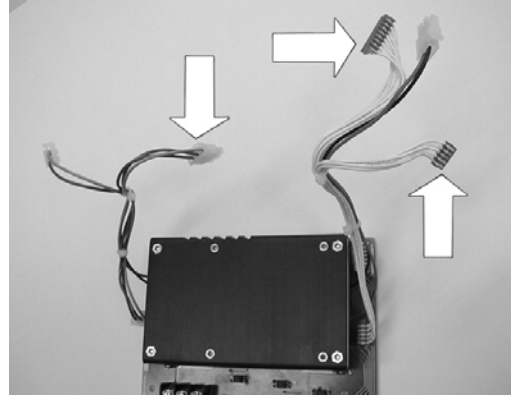


Figure 5

- 6.0 Insert the replacement power supply assembly in the identical orientation as the one being replaced and install the four screws that hold the assembly.
- 7.0 Replace the upper partition by placing it in its proper orientation and routing the two cable harnesses from the power supply through the slots along the upper edges of the partition. The harness from the left side of the power supply should exit through the left slot and the right harness through the right slot (Fig. 6). Replace the two screws that hold the partition in place.
- 8.0 Reconnect the power and signal inputs to the screw terminals (as indicated by the wiring label) and any optional devices to the interconnect portion of the assembly (as indicated by that wiring label, Fig. 7).

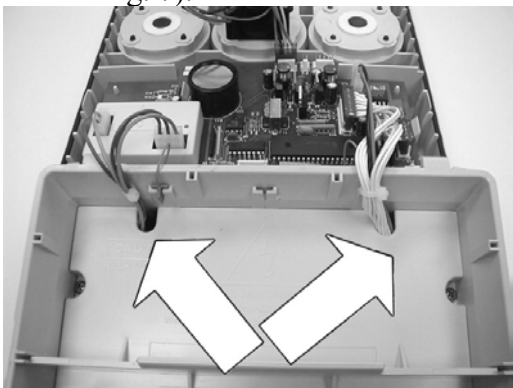


Figure 6

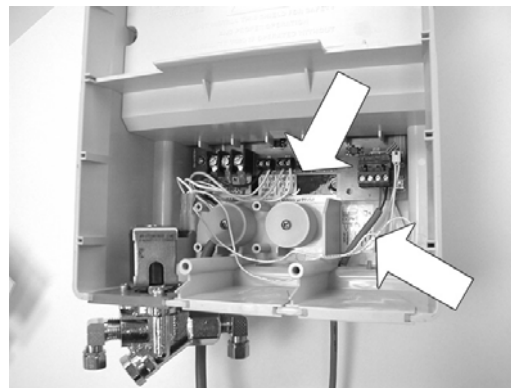


Figure 7

- 9.0 Replace the lower partition by placing the lower edge into the housing and pivot upwards until it snaps in place. Insure that wires are routed properly for any interconnect devices.
- 10.0 Replace the cover assembly. Replace all connections to the main controller PCB. Press the cover tethers into the slots on the rear enclosure. Pivot the cover assembly from the top edge, downward. Insure that the front assembly is properly engaged along the edges. Also insure that no wires have been pinched between the front enclosure and the rear assembly. Secure the cabinet with the two screws.
- 11.0 Restore power and confirm proper operation.

**WARNING! Ensure for safety and proper operation of the system, that all ground connections are properly made.**