Hamilton Manufacturing Corporation

LTP 247 PRINTER INSTALLATION INSTRUCTIONS

Replacing the Printer (see Diagram on page 3)

1.   Run a configuration report.

2.   Turn off power to machine at source.

3.   Remove old printer chute and replace with Chute LTP Printer (60-2242), using 2 #1/4-20 nuts and lockwashers provided.

4.   Unplug printer harness from position 9 on the distribution panel.

5.   Remove printer by taking out 2 #10 nuts that hold it.

6.   Attach printer assembly (05-0009) using 2 #10-24 nuts & lockwashers provided.

7.   Connect the 8-pin receipt printer data cable (48-3137) to the printer assembly and to position 9 on the distribution panel.

8.   Connect the receipt printer power cable (48-3135) to the 3 pin connector below the 4 pin on the back of the environmental control box and attach other original wire to the short leg of this harness.

9.   If wires are routed between chute and card reader enclosure, route wires under enclosure to avoid printer interference. Or using panduit mounting pads and wire ties, pull wire along the side of the card reader enclosure to keep wire and loom away from printer. If wire or loom comes in contact with the printer, it can cause it to malfunction and damage the wires or printer.

> **Please note the version of software in your controller. A Gold Line ACW should have a version 1.08 or greater. A Gold Line Parking ACW should have a version v1.00 or greater. If your version is earlier than these, you must replace the EPROM in your controller.**

Replacing the EPROM

EQUIPMENT:

        Standard Screw Driver
        Philips Screw Driver
        Chip Puller

PROCEDURE:

1.   Print out an AUDIT report and make note of all CONFIGURATION settings. NOTE this data will be lost.

2.   Shut OFF power to Cabinet.

3. Remove the Validator and Stacker from the cabinet.

4. Using a standard screw driver, remove controller from left cabinet wall. Holding the controller in place is two (2) mounting studs.

5. Unplug harnesses from controller.

6. Remove the four (4) Philips screws that hold the back on to the controller. NOTE: newer controllers may not have this back.

7. Locate the socketed EPROM on the controller labeled U18. It is located towards the bottom/center of the controller. Note its' keying orientation. The notch on the EPROM will be towards the outside of the board.

8. Using a chip puller CAREFULLY remove the old EPROM from the socket.

9. Insert the new EPROM into empty socket. Be sure that it is in the correct orientation.

10. Replace back cover.

11. Reattach all harnesses. Be sure they are properly mated to each other.

12. Using proper hardware, reassemble controller into cabinet.

13. Turn ON the power. The new controller version will appear on the display.

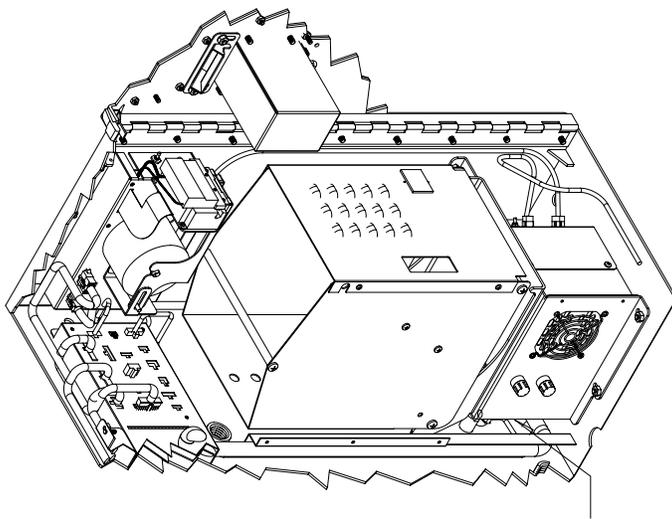14. Reprogram all of your settings into the machine.

Programming the Controller

In order to program the GL-ACW, begin at the Welcome Prompt, then follow the steps below:
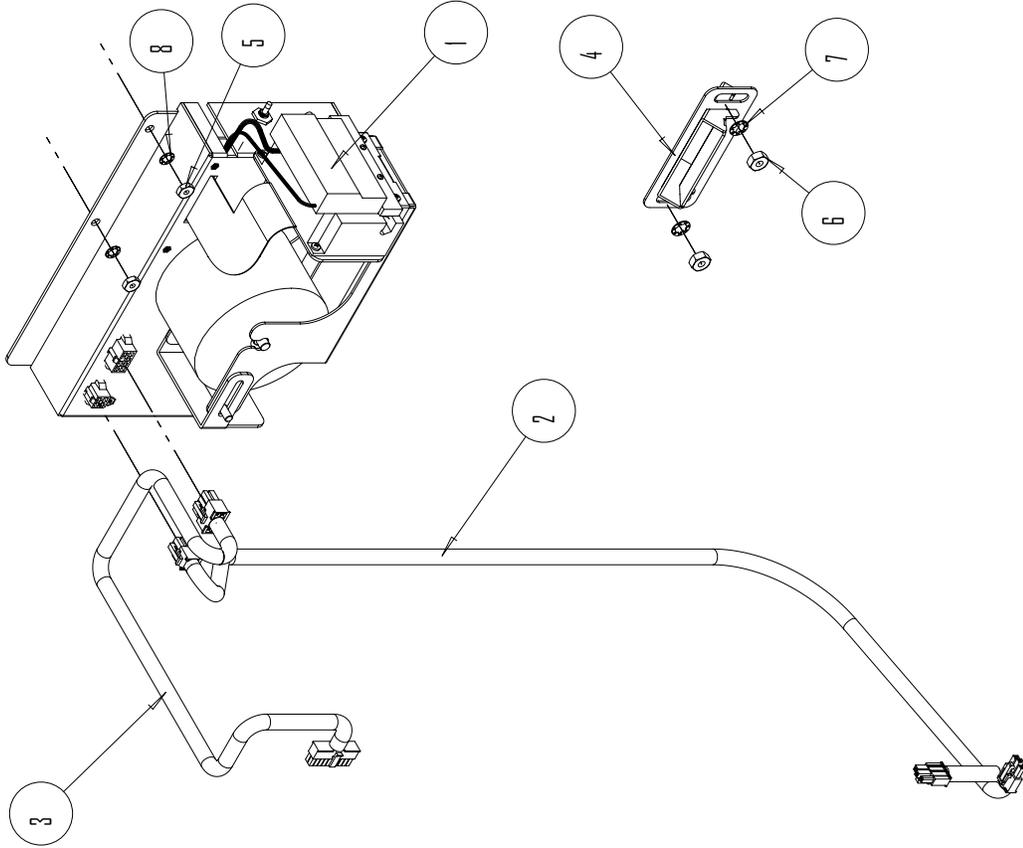
1. Open the machine, and locate the controller on the lower inside left hand cabinet wall. Push the top and bottom buttons simultaneously for about 3-5 seconds to enter the programming mode.

2. To begin programming, you must use the four wash select buttons and the refund button located on the door.
   - For ease of reference, the top blue wash select button will be #1. The second down will be #2, the third will be #3 and the bottom will be known as #4. Despite any changes to button order you may have programmed, this is how they will be referred to in this manual.
   - The #2 button is used to scroll up and the #3 button is used to scroll down. The #4 button is always used to enter a category. The #1 button is used to save options and exit that category. The refund button is used to exit the programming mode.

To set the model of printer:
   - Press the #4 wash select button to enter the category.
   - Press the #2 button to scroll between the options:
     ### *SEIKO SAM-1245*
     ### *SEIKO LTPF247*
   - Select **SEIKO LTPF247** and press the #1 button to save and exit the category.
   - Press the Refund button to exit the programming mode.

THREE PIN
CONNECTOR

Item #	Part #	Description
1	05-0009	Printer Assembly LTP
2	48-3135	Harness, Receipt Printer Power External
3	48-3137	Harness, Receipt Printer Data External
4	60-2242	Chute, LPT Printer
5	90-0301	Nut, #10-24 Hex
6	90-0331	Nut, #1/4-20 Hex
7	90-0403	Washer, #1/4 Internal Lock
8	90-0612	Washer, #10 Internal Lock