

Installation Instructions for Codewriter 4500 Series 109063 Rev C Firmware Upgrade**Installation of U37 Printhead/Motor Sequencer IC**

1. Turn printer power off and unplug from power source.
2. Remove five screws that attach the top cover to the printer.
3. Remove printer top cover
4. Remove the 290-8005-033 microcontroller IC from location U37 on Main PCB Part No. 108166.
5. Install Part No. 109257__P in location U37. Align the notch on the IC U37 pointing up.
6. Replace top cover and secure with screws.

290-8005-033 U37 Microcontroller must be replaced by 109257 Rev * Microcontroller on 108166 Part for FW 109063 Rev C to function properly. Failure to do so will result in unpredictable label feed operation.

[*****insert PCB detail of 109271 dwg here *****]

Installation of Main Firmware

The 109063 Rev C firmware is loaded into flash memory that is permanently mounted on the PCB. Use the following procedure to load this software into the Codewriter 4500 series printer:

1. Connect PC Serial Port to Codewriter 4500
2. Press and hold ONLINE and '+' keys on Codewriter 4500
3. Power on the Codewriter 4500 printer and wait for 'Flash Boot' message
4. Insert the Codewriter software diskette containing 109063_C.rom into the PC floppy disk drive
5. Type "DLF 109063_C <com port #>" on the PC and press ENTER.
6. When Software Load is complete, cycle power on printer.
7. After the unit is powered on, the Label Recall Option feature defaults to Enabled (0.00 in). The printer will recall the last presented label before printing a new label. The Label Recall feature can be Disabled by performing the following steps:
 - Enter Print Parameters Menu
 - Cursor down to the Forward Distance Parameter
 - Default is Label Recall ON = 0.00 inches - Recall label first then print label
 - To turn Label Recall OFF, set the Forward Distance to a value that feeds the label forward inserting a blank label before printing and aligns the printed text properly on the next label that is printed. It is possible to insert more than one blank label between printed labels by increasing the Forward Distance.

Please perform step "Installation of U37 Printhead/Motor Sequencer IC" first on CW4500 Main PCB (Part No. 108166) for Firmware 109063 Rev C to function properly. Failure to do so will result in unpredictable label feed operation.