

CHIP CHANGE INSTRUCTIONS FOR C28H PLC

Revised 8:98

- 1 Apply power to the machine and press the menu key until the screen displays one of the following starting menus:

Sanction Machine

* **RUN STATUS**
MENU

LaneWalker

* **OPERATORS**
MENU

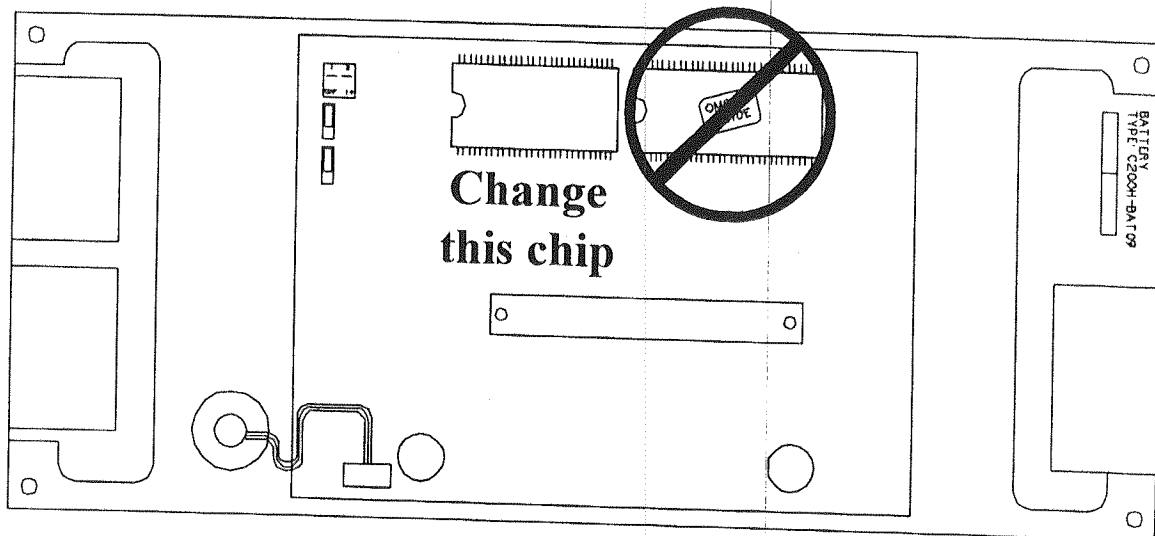
LaneWalker LCM

* **START MACHINE**
MENU

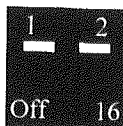
Excel

* **START**
MENU

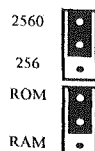
- 2 Turn off power and remove the PC top. Loosen the (4) screws at each corner of the PC top to remove it. The screws do not come out of the top. Do not remove PC from plate.
- 3 Remove the large chip to the LEFT by placing a small screwdriver between the chip and the base. **SLOWLY** and **CAREFULLY** pry the chip away from the base. To prevent damage gradually pry the chip from both sides, using a back-and-forth motion, until the chip is free.



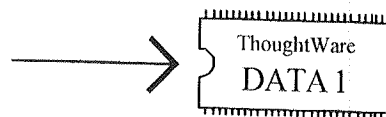
- 4 In the upper left corner are two blue dip switches. Make sure both of these dip switches are set in the "UP" position for an EPROM chip. The switch settings are labeled 1 and 2.



- 5 Just below these switches are two sets of jumpers, each with three pins. Make sure the jumper on the bottom set covers the top two pins. If it does not, move it.



- 6 Locate the small notch on the side of the chip labeled **DATA**. This notch must be on the same side as the notch in the base before installing the chip into the PC. (Note: If only one chip is being installed it will be a **PROGRAM** chip.)



- 7 Align one row of prongs with the base and seat them about half way. Gently push in on the other side to align all the prongs with the base. The prongs will flex slightly, but be careful not to apply too much pressure. When both sides are properly seated fully insert the chip into the base.
- 8 Snap the PC top back into place and turn the power ON for about 15 seconds. The green POWER and RUN light should come on. If both lights do not illuminate remove the cover and check the dip switches, the jumpers, and chip alignment. Make sure all steps have been completed up to this point.
- 9 Turn the machine OFF for about 15 seconds. Once again, turn the power ON check POWER and RUN lights and turn the power OFF.
- 10 When using two chips, carefully remove the DATA chip (see step 3) and install the **PROGRAM** chip in the same socket base following the procedure outlined in steps 6 and 7.
- 11 Replace the PC top and secure it to the base.
- 12 Turn the power ON and check the program. Go through the Operators and Managers Menus to be certain they function correctly.
- 13 Access the Auto Program Select and enter the correct settings for each day and time period. **IMPORTANT:** Complete the programming for ALL days and time periods including the Advance Override Screens.
- 14 Re-enter the settings for all the conditioning and/or cleaning programs to be used.
- 15 Call Kegel Technical Support if assistance is needed at (941) 382-6588.