

SERVICE INFORMATION

M121.1

MODELS AFFECTED: All CGFV
MODEL NUMBERS: DN5000/3000

Revised: September 13, 2011

RE: Machine Board Microprocessor Installation



Reason: Original component has reached end of life. New Microprocessor has the same revision software code and plugs in to the existing eprom socket on the Revision .3 Machine Board.

IMPORTANT: New Microprocessor Daughter Boards
Mount directly to board in Revision .3 Machine Boards starting serial number 0077-8272CB (August 13, 2003) and higher. See page 3. Should the need arise to update software in a Machine Board prior to a Revision .3 Machine Board see step 4. b. below.

Order:
80492913 CGFV Machine Board Microprocessor Daughter Board, Domestic only
80492962 CGFV Machine Board Microprocessor Daughter Board, Export only
80492964 CGFV Machine Board Microprocessor Daughter Board, Australia only
CGFV Machine Board Microprocessor Daughter Board, China only
CGFV Machine Board Microprocessor Daughter Board, Taiwan only

EPROM REPLACEMENT

Software changes / upgrades are accomplished by changing the EPROM/Microprocessor Daughter Board on the Control Board.

To change EPROM:

1. Remove power to the AC Distribution Box or unplug the vender from the wall.
2. Remove existing EPROM/Microprocessor Daughter Board.
3. Identify the Machine Board as a Revision 3 or a Revision 1 or 2 Machine Board. See page 3 to identify.
4. If you have
 - a. Revision 3 Machine Board install the new EPROM/Microprocessor Daughter Board directly to the U16 socket on the bard. (The legs bend easily. Remove and replace very carefully.)
 - b. Revision 1 or 2 Machine Board you will need to
 - i. Replace with a Revision 3 Machine Board or
 - ii. Install dual in line sockets to raise the daughter board to allow access to the J1 port for MDB/Power out connector on the Machine Board. This will require either:
 1. 5 dual in line standard 28 pin socket part # 4-1571552-9 manufacturer TE Connectivity. These can be purchased at Mouser.com. or
 2. 1 dual in line standard 28 pin socket part # 124-43-628-41-002000 or 124-93-628-41-002000. These can be purchased at Mouser.com.
5. Note the alignment notch at one end of the EPROM/Microprocessor Daughter Board and on the control board. The notches must be matched or problems will occur.
6. Apply power to the AC distribution box.
7. Display will scroll “*/SOFTWARE/REV###.##/ICE COLD COCA-COLA/##.##”.

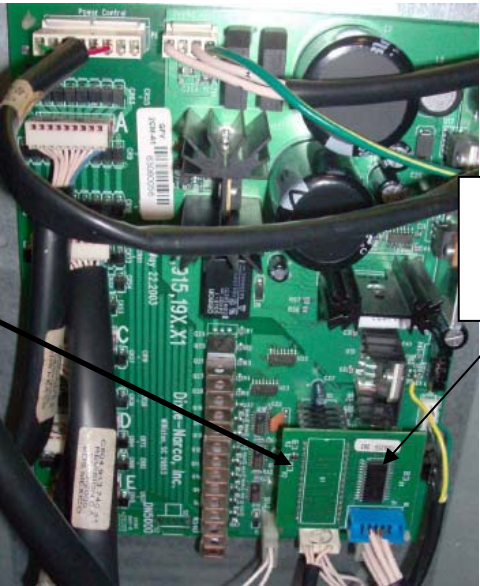
SERVICE INFORMATION



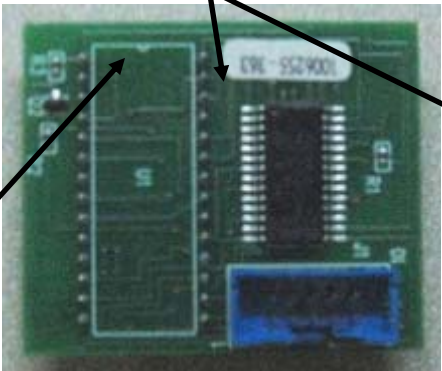
804,914,161.01
Software
Revision
Label

Original Revision .3 Machine Board with EPROM installed

80492913
Assy., Machine
Board
Microprocessor
Daughter Board



804,929,140.11
Software
Revision
Label

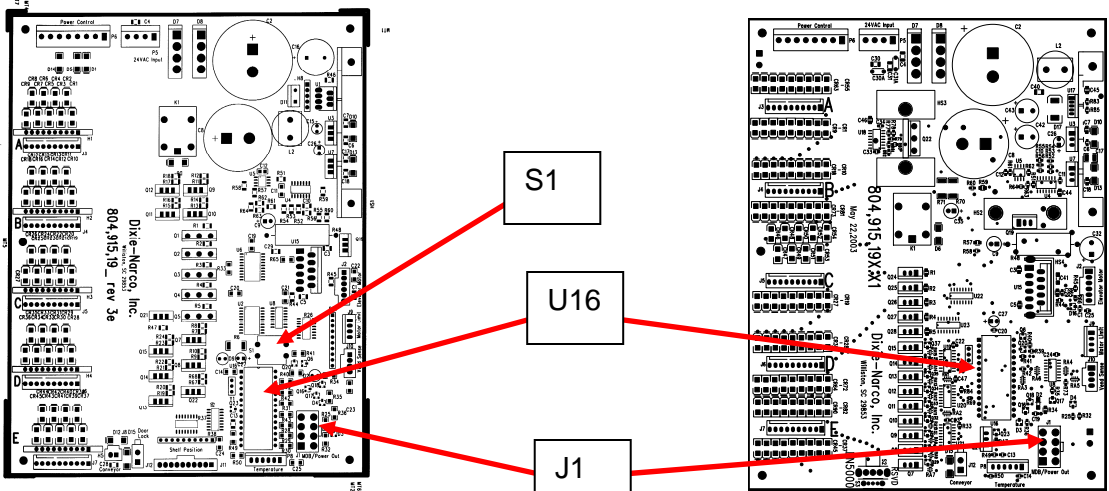
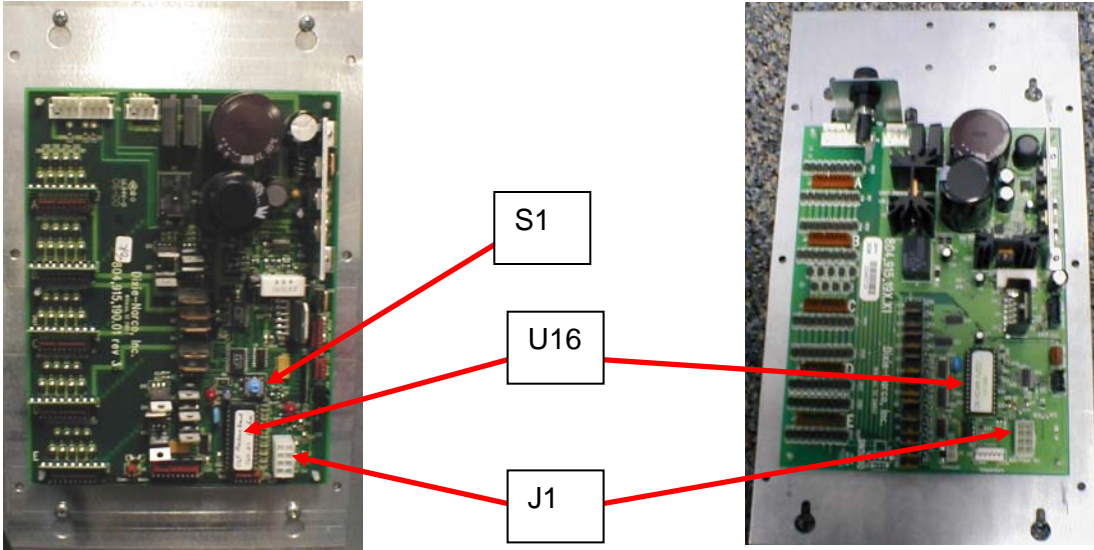


Note the
alignment
notch.

Revision .3 Machine Board with new Microprocessor Daughter Board

SERVICE INFORMATION

DN5000/3000 Machine Boards



Machine Board prior to Revision .3
(prior to 0077-8272CB)
(prior to 8/13/2003)

Revision .3 Machine Board
(0077-8272CB and higher)
(8/13/2003 and higher)

Note: positioning of the microprocessor (eprom) U16 port in relationship with the J1 port for MDB/Power out connector. Also, the revision .3 Machine Board does not have a reset switch. See picture of Machine Board prior to .3 revision port S1 reset switch.