MPC-7 REPLACE EPROM

Turn off the power to the system before changing circuit board components.

Both the MPC-3000 and the MPC-5000 control boards use read only memory for the basic programming. In the event that this memory is lost or an upgrade to a later version is desired, the chip containing the programming can be replaced.

The MPC control box, a white junction box that most of the wiring goes into, containsthe main Printed Circuit Board.

MPC-3000

Right in the middle of the PCB you will see themain EPROM chip, p/n EL-MPC-MC. It will be marked with a Revision number, e.g. "A24."The chip plugs into a socket.
Carefully pry the old chip up from its base so as not to damage any other parts on the PCB. Just below the chip are two prongs labeled JP5. If these are shorted together when the unit powers up you will reset the PCB to default settings. Make sure you don't bend these prongs.
NOTE that the chip is indexed one direction. One end of the chip has a dimple in it and there is a small white rectangle printed on the board to match it. Place the new chip in position making sure all the little legs are in their sockets, and the dimple is on the right. Press it into place.

MPC-5000

Directly beneath the green eight pin connector is the memorychip. Unplug the eight pin connector to get access to the chip. The black chip is plugged into a brown socket. Use a chip removing tool or two jeweler's screwdrivers to pry the old chip out of its socket. Insert the screwdrivers into the diagonally opposed holes on two corners of the chip and pry it up. The chip and the socket have three pointed corners and one blunt corner. Align the blunt corner of the chip with the blunt corner of the socket and press it into place.

When you power up the unit it will think that the unit has been pickled and go into purge mode. If it is not pickled, Press Auto Run and Stop simultaneously to bypass the Purge Mode.

5/12/06