
INSTRUCTIONS FOR REPLACING AN EPROM

Read these instructions carefully before installing the EPROM.

Proceed as follows:

CAUTION

Do not remove the new EPROM from its shipping carton until you are ready to use it.

1. Turn the machine power switch OFF.
2. The controller cover is located behind the memory door near the top of the machine. Remove the controller cover:
 - a. Loosen the hex head screws securing the controller cover to the machine.
 - b. Move the controller cover out of your way.

CAUTION

Observe electrostatic discharge precautions to protect the electronics from damage while they are being handled. Wear a grounded wrist strap connected to a grounded metal part of the machine. If a wrist strap is not available, remove a static charge (static electricity) from yourself by touching a grounded metal part of the machine before handling any electronic component. Do this often during the removal and installation process.

3. On Figure 1, see the shaded area representing EPROM U4. These devices have various means of showing how they are to be oriented on the circuit board. Some EPROMs will have a small notch which matches the notch printed on the controller board. Other EPROMs may have a small dimple as others may have a painted stripe. Take note of where the locating mark is on the EPROM currently mounted on the controller board. Your new EPROM will be placed in the same orientation. The EPROM in use is a 28-pin device, so it does not use the entire socket. The shaded area on the figure is where the new EPROM will go, leaving the four holes at the bottom of the socket empty.
4. Carefully remove the old EPROM from the controller board. Use an EPROM removal tool or a thin tool such as a small screw driver or knife blade to gently rock the EPROM from its socket.
5. Carefully insert the new EPROM in the controller board. **MAKE SURE THE LOCATING MARK (NOTCH, DIMPLE, STRIPE) ON THE EPROM IS FACING THE SAME WAY AS ON THE OLD EPROM!** Make sure each of the pins is in its respective hole in the socket before pushing the EPROM into place.
6. Carefully seat the EPROM into place using uniform pressure all around.
7. Replace the controller cover and tighten both screws.
8. Restore power to the machine.

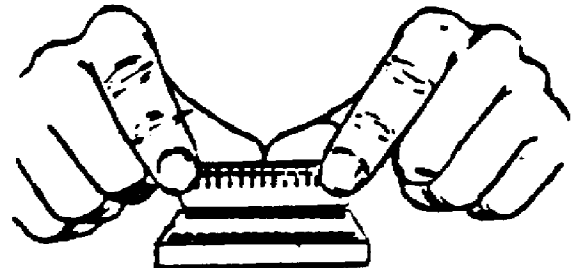
MAKE SURE THE NOTCH ON THE EPROM LINES UP WITH THE NOTCH ON THE SOCKET



USE AN IC PULLER OR A SMALL SCREWDRIVER TO REMOVE THE EPROM



CAREFULLY PLACE THE NEW EPROM IN THE SOCKET, MAKING SURE ALL THE PINS ARE IN THEIR HOLES.



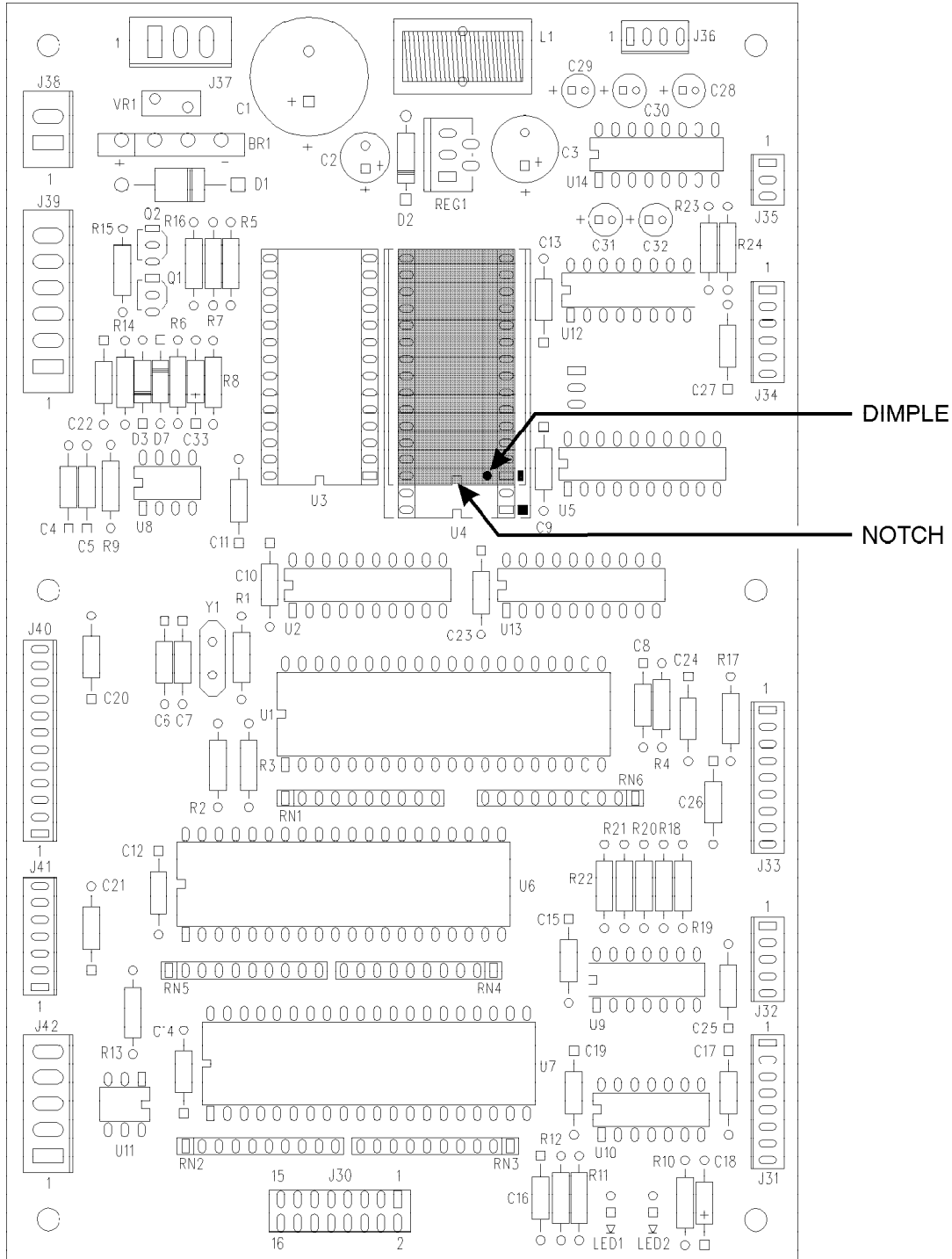


Figure 1. Controller Card Showing Location of EPROM U4