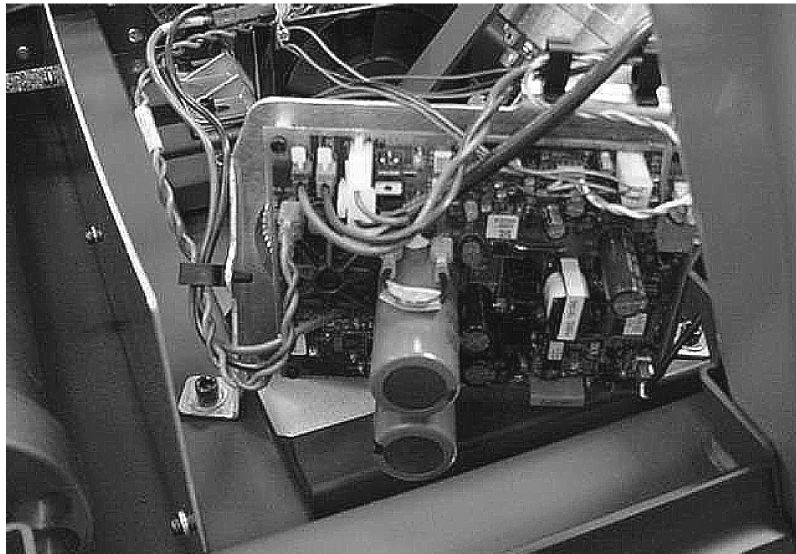


Procedure 6.10 — Replacing the Lower PCA

1. Set the treadmill circuit breaker in the “off” position. Remove the AC line cord from the AC outlet.
2. Note the routing and tie down points of all of the wiring coming into the lower PCA. This information will be required after the replacement lower PCA has been installed. It is important to have the cabling correctly routed and tied down.

Diagram 6.10 — Lower PCA Mounting

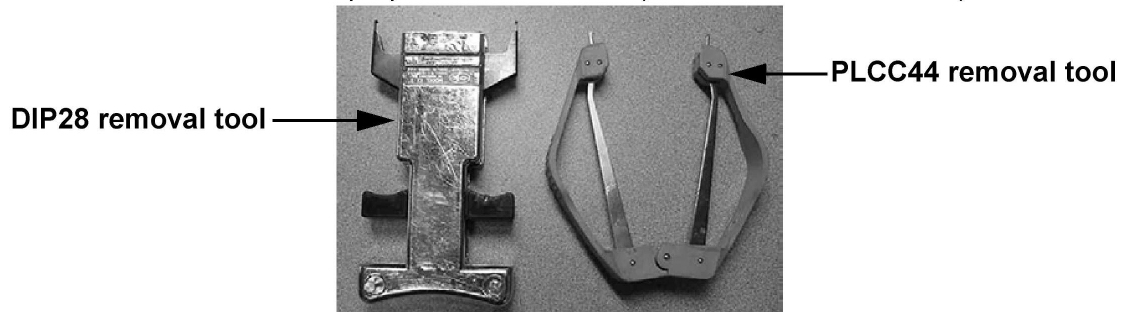


3. Remove the two bolts that fasten the lower PCA to the frame. Remove the lower PCA.
4. Set the replacement lower PCA at its mounting position and fasten it with the bolts removed in step 3.
5. Re-connect and cable tie all of the lower PCA wiring as noted in step 2.
6. Set the treadmill circuit breaker in the “on” position and check treadmill operation per Procedure 3.

Procedure 6.11 - Replacing the PROM

Anti-static kits (part number 20024-101) can be ordered from Precor.

1. The PROM and the associated printed circuit assembly (PCA) are static sensitive. Anti-static devices must be used and all anti-static precautions must be followed during this procedure.
2. Remove the printed circuit assembly per its associated procedure.
3. Currently we are using two styles of IC software packages. they are a 28 pin dual in line package (DIP28) and a forty-four pin square package (PLCC44). Each of these packages should be removed with a proper IC removal tool (see the illustrators below)



4. The IC's may inserted into their socket by hand by carefully aligning the notch on the IC with the notch on the IC socket and carefully pressing the IC into its socket. See the illustrations below for the alignment notches. Care must be taken that the IC legs on a DIP28 are all aligned in the socket to prevent the legs from bending when inserted. The PLCC44 IC must be carefully aligned squarely in its socket or it will not insert. Do not force the IC into its, socket. If it does not insert easily, remove the it and re-align it in its socket.

