PMAC and Computer Batteries.

Equipment.

Basic Tools Only.

Purpose.

To identify the internal components of the computer.

Method. (PMAC)

1. Open the computer, as described in the Board identification section.
2. PMAC battery. - The battery is located towards the back of the board, is typically yellow in color, and is plug in. There are two different types of battery used, and they are not interchangeable, 1. 3.0v lithium cell, 1200 mAh, 2*3a size with no tabs. or 2. 3.6v lithium cell, 1000 mAh, 1" can.
3. Enter the PMAC mode, and press the F10 key.
4. Press the C key. (Configure)
5. Press the F key. (save full PMAC configuration).
6. Type in the backup file name, or press ENTER for the default name. (PMACBKUP.DAT).
7. Exit PMAC, and power down the machine.
8. Replace the PMAC battery.
9. Restore power to the machine, and repeat steps 3 and 4 above.
10. Press the R key. (restore full PMAC configuration).
11. Type in the file name used above, and press the ENTER key.
12. Exit PMAC, and power down the machine, wait 30 seconds or more, and power up the machine.
13. Reset the PMAC battery counter in the maintenance screen (F4) of the machine control software.

Method. (Computer)

1. Open the computer, as described in the Board identification section.
2. Computer battery. - Located on the mother board, refer to the computer manual for the location and type.

(Note. a typical symptom of a week battery, is erratic behavior of the computers date and/or time.

Notes.

Variform® and Nanopath® machines do not require a battery for the PMAC card, as they use the 60MHz version of the board that utilizes flash ram.

Memory loss problems have been found when changing the PMAC batteries, along with problems restoring the PMAC configuration. If this problem persists, the PMAC battery may be changed while the computer power is on.