



# WARNING

## *Static is a "Touchy" Business*

Many of the components with which you come in contact can be damaged very easily by static charge. The most sensitive components may be degraded or destroyed by as little as 30 volts.

Actions as simple as sitting up straight or lifting one foot off the floor can generate static charge. Walking across a vinyl floor can generate 4,000 volts, while walking across carpeting can easily produce 8,000 volts or more.

Static produced by plastic and Styrofoam cups, cellophane wrapper on cigarette packs, paper and other material can also degrade or destroy components.

Follow these suggested guidelines to avoid static problems in your circuit boards:

1. Before working on or removing any board you **MUST** discharge any static within your body by touching the metal chassis or case of the product you are working on.

**NOTE:** *If added protection from static electricity is desired, wear a grounded wrist strap which you can purchase from any electronic supply store.*

2. Always keep static sensitive boards and components in their protective wrapping or bag when not in use. After removing a defective board, enclose it in the same wrapping or bag from the replacement board for shipping to the Electronic Repair Center.
3. Handle the boards by edges only to avoid damaging the board.
4. Avoid touching the gold plated edge terminals.
5. Always store boards in a clean, dry area to ensure your replacement board will not be damaged.

By following these precautions, you can prevent the damage which static can do to your boards now or later when it impacts your customers.