

## Proper Safety Precautions for Electronic Products

Before beginning open chassis work on electronic items, it is important to observe the proper precautions in this document. Without the use of anti-static clothing or adhering to the other tips below, static electricity transferred from touch can damage some components. More importantly, these precautions prevent you from injury from electric shock.

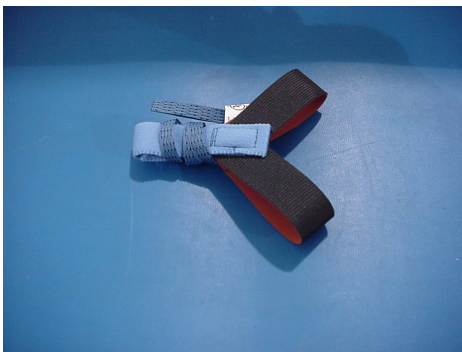
Note: Even certain electronic devices that have been **unplugged from an outlet** can still contain enough electric charge to injure you.

### Wear Anti-static/ESD devices:

1. ESD smock



2. ESD heel strap (x2) or shoes



### 3. ESD wrist straps



If none of these are available, a simple way to ground yourself is to touch the bare metal of a chassis before touching any electronic components. However, with more intensive work, such as the activities covered in the tutorial content of this site, it is highly advised that you use protective gear, and the steps below.

- It is highly recommended to wear rubber soled shoes to decrease chances of generating electro-static while moving around.
- Always try to avoid sitting while working with bare components since moving around in a chair can generate more than adequate static charge to damage electronic components.
- It is highly recommended not to work in any carpeted area when touching bare components.
- Place products on flat-hard surface, preferably one with Anti-static mats on top.

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