

**TO:** ALL SALES FORCE

**#:** BDTECB104

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**SUBJECT:** Electrostatic Discharge.

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When a service technician handles an electronic component/assembly, certain precautions must be observed to prevent damage to the component or assembly.

An electrostatic charge may build up in a service technician's body as he walks across the shop floor, slides across a seat, or even by sitting down from an upright position. Once an electrostatic charge is built up within the body, it may discharge as a "shock". If a service technician is handling an electronic component, the electrostatic charge may discharge from his body to the component, potentially causing damage to the component. To avoid damaging any electronic components during service or installation, a few simple guidelines can help reduce the possibility of electrostatic charge build-up within the body, as well as the electronic part.

1. Touch a known good ground before handling the part, and repeatedly touch a known good ground if you are either frequently moving around the vehicle/shop, or picking up and placing down the part.
2. Open the component package only when you are ready to install the part.
3. Ground the package to a known good vehicle ground before opening the package.
4. Do not touch the electrical terminals of the part.
5. If possible, wear a static-reducing wrist strap.

Components and parts that are sensitive to electrostatic discharge (ESD) are typically labeled with an ESD sticker. On the following page is an illustration of the ESD sticker.

ESD STICKER

