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5596SL LCD Ground Strap Retrofit

Retrofit for 5596SL to prevent a static discharge from blanking out the LCD display.

Issue: There have been reports from customers with the 5596SL vending units about them going into sleep mode and how to prevent that from happening. Customers have had to unplug and plug back in the units to get them to come out of this sleep mode. The 5596SL units do not have a sleep mode. It has been determined that a static discharge (electric shock) from a person touching the coin return, coin box, or key lock can blank out the LCD display. Sometimes it also appears as a row of black boxes across the first line of the LCD display.

Resolution: A ground strap is being added between the LCD display module and the 5596SL chassis

Installation Instructions:

1. Unplug the power cord from the 5596SL coin box
2. Open up the 5596SL coin box
3. Remove the coin changer
4. Locate the ground wire provided in this retrofit package
5. Remove the 7 mm nut holding the ground wires to the chassis



6. Place one end of the LCD ground wire over the stud
7. Replace the nut holding both ground wires

8. Route the ground wire through the plastic clips that hold the LCD wire.
Note: the plate holding the power supply and coin changer has been removed for clarity.



9. Locate the LCD module in the coin box



10. Remove one of the 3/16" nuts holding the LCD module in place
11. Place the other end of the LCD ground wire over the stud
12. Replace the nut holding the ground wire to the LCD module



13. Locate chassis ground wire with the red caution tag on it



14. Remove the center screw from the electrical plate and attach the ground wire

