SS-100 INSTALLATION IN THE AMERITRON AL-811

DISCONNECT UNIT FROM ELECTRICAL SOURCE BEFORE REMOVING COVER

1. **Make sure the power switch is in the "OFF" position. Using an ohm-meter, determine the "cold" terminal of the power switch. The cold terminal on the power switch will show an open circuit when measured from the ac plug to the switch terminal. The power switch hot terminal will show a direct short. (Note: interlock switch MUST be pushed in (defeated) while making these determinations).**

2. **Unsolder the black wire from the cold terminal of the power switch.**

3. **Solder the wire from step 2 into pad "A" of the circuit board.**

4. **Solder a length of black wire (customer supplied) into pad "C" of the circuit board. Solder the other end of this wire to the now empty cold terminal of the power switch.**

5. **Solder a length of red wire (customer supplied) to the circuit board at hole "F" between pads "C" and "D". Solder the other end of this red wire to the fuse holder terminal that protects the neutral (white) pole of the electrical power (NOTE: There are two fuse holders located on back panel. Be sure to connect to the one that has the white (neutral) wire already soldered to it).**

6. **Check all wiring and routing.**

7. **Mount the Soft Start (component side down) to the chassis in the free space available under the power supply capacitors. (I used a small piece of double-sided adhesive on each relay).**

8. **Replace cover.**