



**CORD REPLACEMENT INSTRUCTIONS
FOR RECHARGER 82002A ONLY**

CAUTION

The following precautions are necessary to prevent electrical shock or injury:

1. Unplug the recharger before any disassembly.
2. Do not plug in while soldering or while cover of unit is removed.
3. Make sure no loose wire strands or solder flakes are left inside of unit.
4. Note model no. below Hewlett-Packard name. This instruction applies only to model no. 82002A. (Do not use on other models.)

Replacement of any part by other than an authorized Hewlett-Packard customer service facility invalidates the first year warranty.

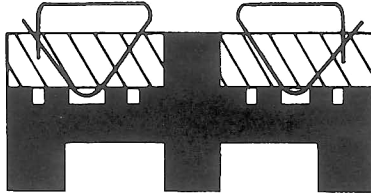
Disassembly and Assembly

Recommended Tools: Soldering iron, solder, needle nose pliers, small vice, solder wicking and voltmeter.

1. Disconnect unit from ac supply source.
2. Remove the four assembly screws and the housing cover.
3. Remove the two screws holding the printed circuit board.

CAUTION: Hold unit with prongs facing down so voltage switch contacts will not fall out. The flat side of the voltage slider switch contact must be facing printed circuit board.

4. Unsolder cord and remove from strain relief slot in printed circuit board. Remove old wires and solder from holes.
5. Solder new cord using orientation shown in attached sketch. Do not reverse conductors. Trim off excess wire through hole.
6. Make sure switch contacts are in proper position in slider.

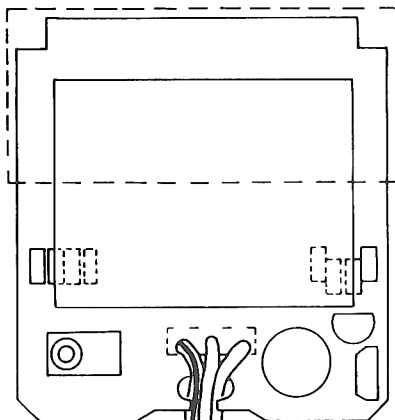


7. Replace the two shorter screws, mounting the printed circuit board assembly. Test voltage selector switch by moving it back and forth, verifying that it functions and is not loose.
8. Replace housing over assembly and secure with four long screws.

Performance Tests

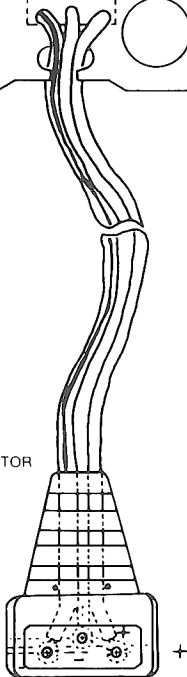
1. **CAUTION:** Recharger should be completely assembled.
2. Make sure voltage selector switch is in proper setting. Plug recharger into power receptacle.
3. Set multifunction meter to dc volts.
4. Connect common lead to center tap of recharger plug.
5. Connect positive lead to the (+) side of recharger plug. Open circuit voltage should be 15-20 volts.
6. Now connect the positive lead to the other side of the recharger plug. Open circuit voltage should be 5-6 volts.
7. If the voltage is outside that specified, charger is defective.
8. If you do not have test instruments available, turn calculator power switch off, plug recharger into outlet and calculator. Turn on calculator. Display should light up. If not, consult a technician.

Recharger Board



ORIENTATION OF LEADS
A-C-B IS REQUIRED

RIBBED
CONDUCTOR



VIEWING PLUG END WHICH
IS INSERTED INTO CALCULATOR