

Installation Instructions

Item Number **1015A1008**

Description **SD-12000B SCR UPGRADE KIT**

The kit includes the following:

- (1) SCR/Heatsink Assembly
- (1) 2 Gauge Cable with Ring Terminal
- (1) Copper wrap
- (6) 6-32 x ¼ Screw (spares*)
- (6) 6-32 Nut (spares*)

1. Disconnect the unit from power.
2. Remove the right side cover, which is attached with (12) screws.
3. Remove the (3) screws that attach the left side cover to the heatsink.
4. Lay the unit down on it's left side
5. Remove the cable that is attached to terminal 1 on the SCR.
6. Disconnect the lead of the choke that is attached to terminals 2 & 3 of the SCR.
7. Find the 2-wire lead that goes from the circuit board on the heatsink to the circuit board on the front panel. Unplug the connector from the circuit board on the front panel.
8. Remove the old SCR/heatsink assembly from the unit.
9. Remove the insulation from the end of the 2 Gauge Cable with Ring Terminal.
10. Wrap the Copper wrap around the exposed wire of the 2 Gauge Cable with Ring Terminal.
11. Attach the 2 Gauge Cable with Ring Terminal to terminal 1 of the SCR using the original screw and washer.
12. Position the new SCR/heatsink assembly to the unit.
13. Attach the choke lead to the bracket on leads 2 & 3 of the SCR.
14. Attach the 2-pin connector of the lead on the SCR/heatsink assembly to the 2-pin header on the circuit board on the front panel.
15. Insert the other end of the 2 Gauge Cable with Ring Terminal into the back of the load connector and tighten the screw.
16. Attach the left side cover to the heatsink using the original (3) screws*.
17. Attach the right side cover with the original (12) screws*
18. Reapply power and test unit.

*(Spare 6-32 hardware is provided because they can strip out easily)