

**RE-LOCATING THE CASM PC BOARD
IN THE STYLE-1A (EB0220-XX) ENCLOSURE****SCOPE**

SCR BATTERY CHARGER SCR(F)048-1-006

BACKGROUND

SCR/SCRF Series battery chargers built in the Style-1A (EB0220-XX) enclosure that contain both the Combined Alarm Status Monitor (CASM) option (EJ0837-XX) and the AC Failure Auto-Equalize Timer option (EJ0131-XX) may have components that touch when the front panel/door is open and closed. Two different physical timers have been used for the EJ0131-XX option. When normally mounted, the RF0006-XX 3-day timer extends into the enclosure, and the edge of the terminal block may hit the J9 lug/wire of the CASM PC board (A24). This may result in the breaking of the terminal on the CASM PC board. The other timer is a 0-999 hour digital timer. Although it is not as long as the RF0006-XX timer, this digital timer uses an 11-pin relay socket and also may hit the terminal J9.

REQUIRED TOOLS

1. Flat-head and Philips screwdrivers
2. 3/8 nut driver
3. Soldering iron and solder (if J9 needs replacing)

INSTRUCTIONS

<p>WARNING: DISCONNECT ALL AC AND DC POWER SOURCES FROM THE CHARGER BEFORE PROCEEDING. ONCE POWER IS REMOVED TASKS CAN BE PERFORMED. FOLLOW YOUR EMPLOYER'S STANDARD SAFETY PROCEDURES. TURNING OFF FRONT PANEL CIRCUIT BREAKERS ALONE DOES NOT REMOVE DANGEROUS VOLTAGES INSIDE THE CHARGER. AFTER AC AND DC POWER ARE REMOVED, VERIFY THAT DC STORAGE CAPACITORS C1 AND/OR C2 ARE DISCHARGED BEFORE PROCEEDING.</p>
--

1. Remove the left mounting bolts that hold the charger to the wall. Check to ensure that the two right mounts can support entire weight of the equipment. Release the top plastic tabs from the CASM pc board, slide the board off the posts and swing it away from the work area.
2. Slide the flat-head screwdriver between the EJ0912 (tan turret board with resistors - *see Figure 3*) and CASM mounting bracket. Pry off the turret board, keeping the black tape connected to turret board. Locate the two screws mounting the CASM bracket to the back mounting base. Slide a hand behind the enclosure and retrieve the mounting nuts while unscrewing the screws from inside the charger.
3. The bracket will be loose, but some cabling may lie on top of the bracket. If needed, slide it to the side and pull the bracket out. Rotate the top of the bracket up and slide it back. This will allow you to mount the bracket to the bottom screen of the shroud.
4. Count over 21 holes from the left and two holes from the back for the first screw to pass up through the bottom chassis. Bolt the CASM mounting bracket in place. This locates the bracket for the next bolt.

SCR/SCRF Series Battery Charger *Service Instruction*

JD5005-00

5. Press the turret board to the back of the mounting bracket and reinsert the CASM pc board.
6. If the J9 lug soldered into the CASM pc board has been damaged, it can be replaced with one provided. This requires a soldering iron for removal of the old pieces and insertion of the new terminal.
7. The battery charger can now have power re-applied. Alarm set points will not have changed.

FINAL LOCATION ONCE MOVED

