

Procedure 7.2 - Replacing the Lower PCA C556 Navy, only)

Removing the Lower PCA

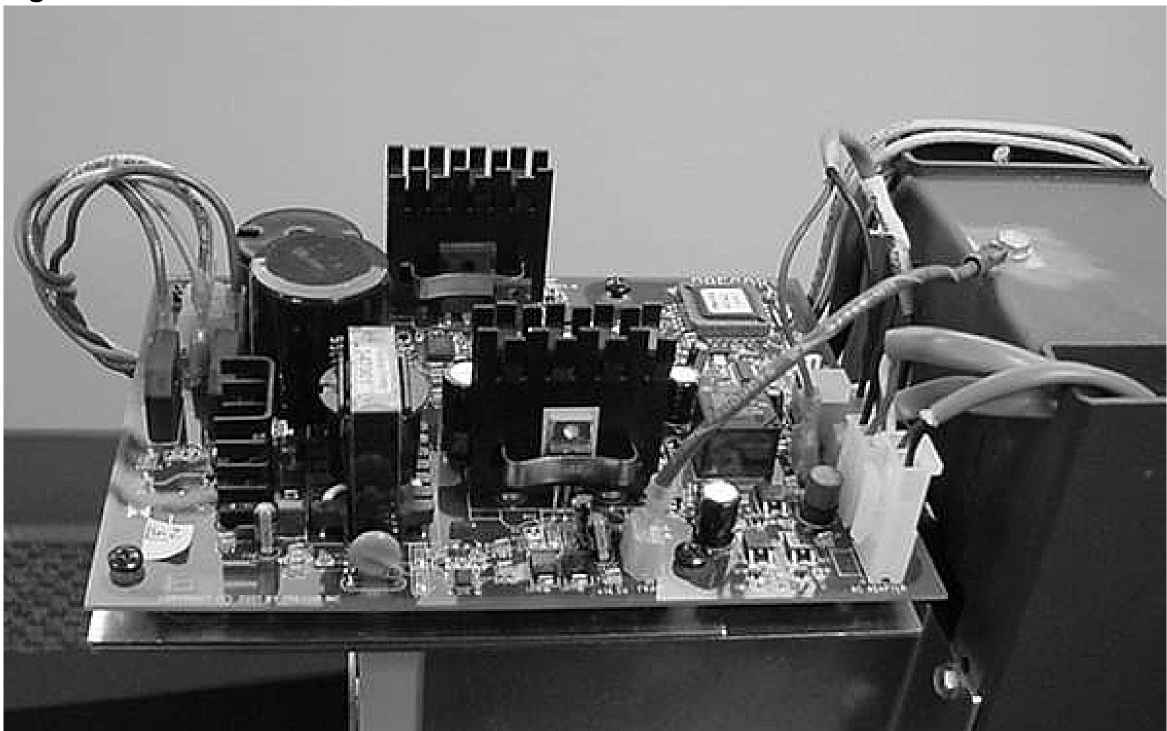
1. Remove the rear cover and disconnect the red battery lead from terminal M6 of the lower PCA.

WARNING

Before continuing with this procedure, review the Warning and Caution statements listed in Section One, Things You Should Know.

2. Remove the rear cover per Procedure 7.19.
3. Attach the wrist strap to your arm, then connect the ground lead of the wrist strap to the EFX frame.
4. Disconnect all of the cables and wiring from the lower PCA.
5. Remove the four screws that secure the lower PCA to the drive unit upright, see Diagram 7.2.

Diagram 7.2 - Lower PCA



Replacing the Lower PCA

6. Position the replacement lower PCA at its mounting position and fasten the lower PCA with the four screws removed in step 5.
7. Reconnect the lower PCA cables and wiring as follows. Connect the interconnect cable to connector J2. The 2 conductor cable (red and black wires) from the input power jack to the J4 connector. The 3 conductor cable from the generator as follows: brown to AC1, blue to AC2 and violet to AC3. Connect the green/yellow frame ground wire to M8. From the battery, connect the red wire to M6 and the black wire to M7 of the lower PCA. Connect the two leads from the load resistors to M1 and M2, the polarity of the load leads is not critical, either lead may be connected to either the M1 or M2 terminal.
8. Remove the ground lead of the wrist strap from the EFX frame, then remove the wrist strap from your arm.
9. Re-install the rear cover, then check the operation of the EFX as described in Section Four.