

## Procedure 7.2 - Replacing the Display Enclosure or Upper PCA

### Note:

Anti-static kits (part number 20024-101) can be ordered from Precor.

### Removing the Display Enclosure

1. Turn off the EFX 544 with the circuit breaker.

### WARNING

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

2. Remove the screws that secure the upper display module assembly to the upper frame member.

### CAUTION

When you perform the next step, tape the ribbon cable to the EFX 544 to prevent it from falling into the upper frame member.

3. Attach the wrist strap to your arm, then connect the ground lead of the wrist strap to the EFX 544 frame.
4. Disconnect the ribbon cable from the upper PCA.
5. Remove the screws that secure the display enclosure to the display plate.
6. If you are going to re-install the display enclosure without replacing the upper PCA . . .

### THEN . . .

Skip to Step 19.

### OTHERWISE . . .

Continue with the next step.

### Removing and Replacing the Upper PCA

7. Carefully disconnect the keypad ribbon cable from the upper PCA.
8. Remove the screws that secure the upper PCA to the display enclosure. Set aside the defective upper PCA for eventual shipment to Precor Customer Service.
9. Position the upper PCA at its mounting location on the display enclosure (see Diagram 7-1). Install the screws that secure the upper PCA to the display enclosure.

10. Line up the blank place on the end of the keypad ribbon cable with the blank pin position on the keypad connector. Place a full twist in the end of the keypad ribbon cable, then carefully connect it to the upper PCA.
11. Remove the ground lead of the wrist strap from the EFX 544 frame, then remove the wrist strap from your arm.
12. Connect the ribbon cable to the upper PCA.
13. Position the upper display module on the upper frame member. Install the screws that secure the display module to the upper frame member.
14. Position the display plate on the display enclosure. Install the screws that secure the display enclosure to the display plate.
15. Check the operation of the EFX 544 as described in Section Four.

**Diagram 7.1 - Upper Frame Assembly**

