

Procedure 7.4 - Replacing the Lower PCA

Removing the Lower PCA

1. With the lift set at 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 front cover as described in Procedure 7.1.
3. Attach the wrist strap to your arm, then connect the ground lead of the wrist strap to the EFX 544 frame.

Note:

Refer to the wiring diagram shown in Diagram 7.3. Always mark all wires before disconnecting, to insure quick accurate replacement!

4. Disconnect the cables from the lower PCA.

CAUTION

While performing the next step, hold the lower PCA to prevent it from making contact with the capacitor clamps.

5. Remove the nuts that secure the lower PCA to the lower electronics bracket.
6. Set aside the lower PCA for eventual shipment to Precor.

Replacing the Lower PCA

7. Remove the P1 connector from the lower PCA that has been removed from the EFX 544 and install it on the replacement lower PCA.
8. Insert the lower PCA screws into the T-shaped channel on the PCA heat sink.
9. Hold the lower PCA against the lower electronics bracket. Install the nuts that secure the lower PCA to the bracket.
10. Connect the cables you disconnected in Step 6.
11. Remove the ground lead of the wrist strap from the EFX 544 frame, then remove the wrist strap from your arm.
12. Re-install the front cover as described in Procedure 7.1, then check the operation of the EFX 544 as described in Section Four.