

Procedure 7.5 - Replacing the Ribbon Cable

Removing the Ribbon Cable

1. With the lift set at level 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. Cut the cable tie that secures the ribbon cable to the lift motor.
4. Attach the wrist strap to your arm, then connect the ground lead of the wrist strap to the EFX 544 frame.
5. Disconnect the ribbon cable from the lower PCA.
6. 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.

7. Disconnect the ribbon cable from the upper PCA. Set aside the upper display module until you are ready to install the new ribbon cable.

Replacing the Ribbon Cable

8. Tape the end of the new ribbon cable to the end of the old ribbon cable. Pull the old ribbon cable through the slot in the lower end of the upper frame member until the ribbon cable is in position. Tape the end of the new ribbon cable to the upper frame member.
9. Connect the ribbon cable to the upper PCA.
10. Position the upper display module on the upper frame member. Install the screws that secure the display module to the frame member.
11. Connect the new ribbon cable to the lower PCA.
12. Remove the ground lead of the wrist strap from the EFX 544 frame, then remove the wrist strap from your arm.
13. With a large cable tie, secure the ribbon cable to the lift motor.

14. Re-install the front cover as described in Procedure 7.1, then check the operation of the EFX 544 as described in Section Four.