

Procedure 7.4 - Replacing the Upper and/or Lower Interconnect Cables

Before you install a new interconnect cable, ensure that the interconnect cable is defective as described in Procedure 6.1.

Procedure

1. Set the on/off switch in the *off* position.

WARNING

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

2. Attach the wrist strap to your arm, then connect the ground lead of the wrist strap to the EFX frame.
3. If you are replacing the lower interconnect cable, skip to step 12.

Replacing the Upper Interconnect Cable

4. Remove the display housing per Procedure 7.2, steps 2 to 6.
5. The upper and lower interconnect cables are connected at the mid-point of the main column. Remove the mid-point column cover per Procedure 7.1.
6. Disconnect the upper interconnect cable from the mid-point connector. See Diagram 6.2. Tape the end of the replacement interconnect cable with the to the upper end of the old interconnect cable (display housing end).
7. Carefully pull the old interconnect cable out of the mid-point access hole while feeding the new interconnect cable into the unit. When the new cable is fully into the unit, remove the tape and discard the old interconnect cable. Connect the upper interconnect cable to the mid-point connector and push them into the access hole.
8. Connect the upper interconnect cable to the upper PCA. Replace the display housing per Procedure 7.2, steps 7 to 12.
9. Remove the ground lead of the wrist strap from the EFX frame, then remove the wrist strap from your arm.
10. Check the operation of the EFX as described in Section Four.

Replacing the Lower Interconnect Cable

11. Remove the rear cover. Remove the shield from the lower PCA. Disconnect the interconnect cable from the lower PCA (connector J5). See Diagram 7.3.
12. The upper and lower interconnect cables are connected at the mid-point of the main column. Remove the mid-point column cover per Procedure 7.1.
13. Disconnect the lower interconnect cable from the mid-point connector. See Diagram 6.2. Tape the replacement interconnect cable to the old interconnect cable at the lower PCA end of the old interconnect cable.
14. Carefully pull the old interconnect cable out of the mid-point access hole while feeding the new interconnect cable into the unit. When the new cable is fully into the unit, remove the tape and discard the old interconnect cable. Connect the lower interconnect cable to the mid-point connector and push them into the access hole.
15. Connect the new interconnect cable to the lower PCA.
16. Replace the shield on the lower PCA. Replace the rear cover.
17. Check the operation of the EFX as described in Section Four.