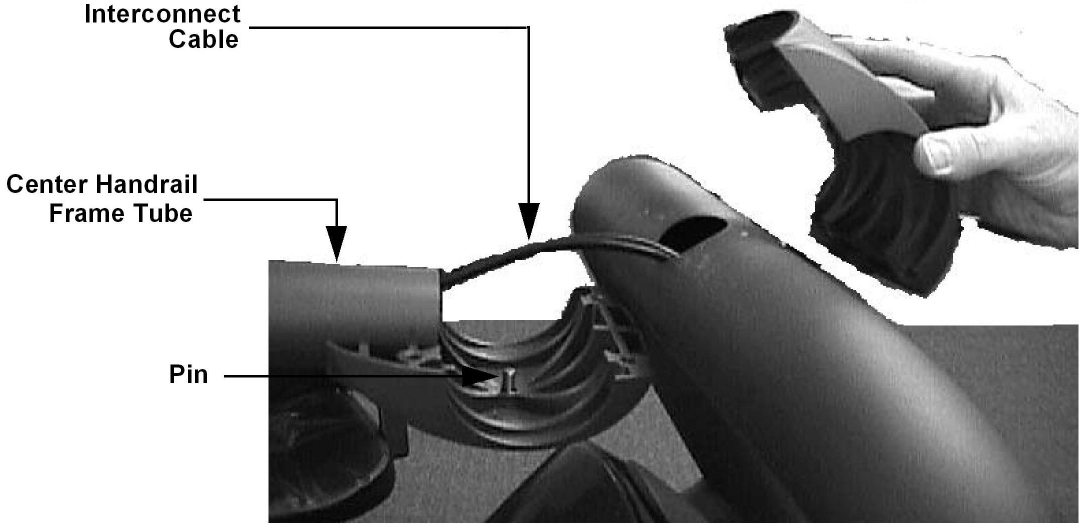


Procedure 7.27 - Replacing the Center Handrail Frame Tube (version 1, 2))

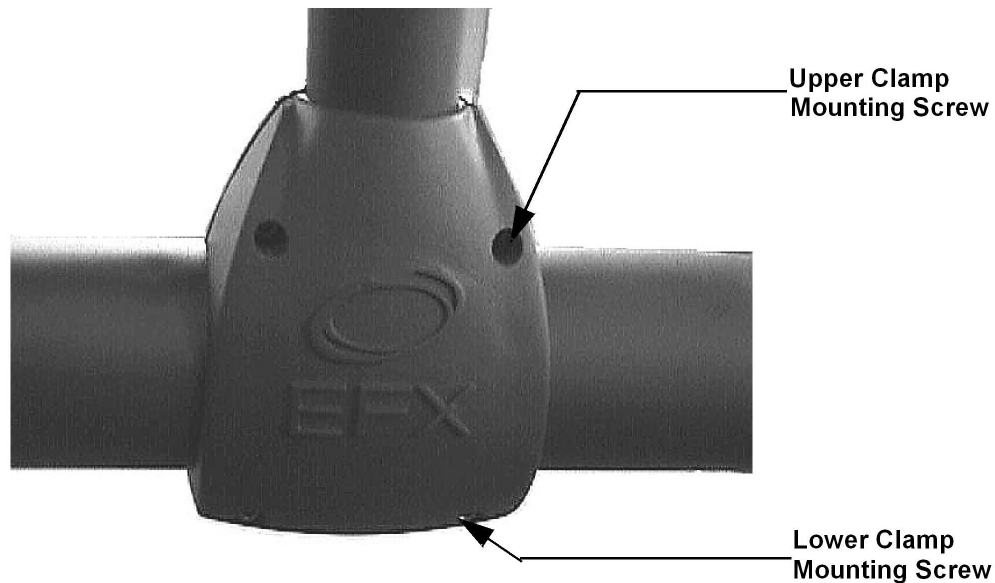
1. Set the on/off switch in the "off" position, then unplug the power cord from the wall outlet.
2. Loosen the screws that fasten the upper end of the handrails into the upper handrail clamp.
3. Loosen the four set screws that fasten the lower end of the handrails into the frame tubes.
4. Slide the upper end of one of the handrails out of the upper handrail clamp and then slide the lower end of the handrail off of the frame tube. Repeat this step for the other handrail.
5. Remove the screws that secure the interconnect cable cover to the bottom of the display backing plate. Remove the interconnect cover cable. See Diagram 7.4.
6. Remove the screws that secure the reading rack to the display backing plate. Remove the reading rack.
7. Remove the screws that secure the display housing to the display backing plate.
8. Disconnect the interconnect cable from the upper PCA.
9. Remove the display assembly.
10. Remove the screws that fasten the upper handrail clamp to the center handrail frame tube. Remove the upper handrail clamp.
11. Have an assistant support the center handrail frame tube as you remove the four screws that fasten the center handrail frame tube clamp. Remove the two halves of the clamp taking care not to lose the pin in the rear half of the clamp. (See Diagram 7.23)

Diagram 7.23 - Center Handrail Frame Tube



12. Carefully feed the interconnect cable out of the center handrail frame tube.
13. Hold the replacement center handrail frame tube near its mounting position and feed the interconnect cable into the bottom of the center handrail frame tube. After the interconnect cable emerges from the top of the center handrail frame tube, have your assistant hold the frame tube in its mounting position. Set the two halves of the clamp in position, be sure that the pins in the rear half of the clamp mate with the holes in the frame, thread and hand tighten the four clamp mounting screws. Tighten the upper clamp mounting screws before the lower clamp mounting screws. (See Diagram 7.24)

Diagram 7.24 - Clamp Mounting



14. Hold the display assembly in its mounting position and reconnect the interconnect cable to the upper PCA.
15. Position the display enclosure on the display plate. Replace and tighten the display mounting screws.
16. Reposition the reading rack, replace and tighten the reading rack mounting screws.
17. Reposition the interconnect cable cover, replace and tighten the interconnect cable cover mounting screws.
18. Hold the upper handrail clamp in its mounting position and install and tighten the upper handrail clamp mounting hardware.
19. Slide the upper end one of the handrails into the upper handrail clamp and then insert the lower end of the handrail onto the frame tube mount.
20. Tighten the upper handrail screws and lower handrail set screws.

21. Repeat steps 19 and 20 for the other handrail.
22. Check the operation of the EFX as described in Section Four.