

Procedure 7.6 - Replacing the Upper or Lower Interconnect Cable or Heart Rate Cable

1. For C842 and C846 version 2 units, skip to step 18. For C846 version 1 units, continue with step 2.
2. Set the on/off switch in the off position.
3. Remove the left hand cover per Procedure 7.1.
4. If you are only replacing the upper interconnect cable, skip to step 9.
5. Disconnect the lower interconnect cable from the junction block (See Diagram 7.7) and the lower PCA.
6. Slide the lower interconnect cable out of the cable clips and remove the lower interconnect cable.
7. Connect the replacement lower interconnect cable to the junction block and the lower PCA.
8. Dress the interconnect cable into the proper position and slide it into the cable clips.
9. If you are not replacing the upper interconnect cable, skip to step 15.
10. Remove the display housing per Procedure 7.12, steps 1-4.
11. Disconnect the upper interconnect cable from the junction block located near the base of the column.
12. Tape the replacement upper interconnect cable to the lower end of the interconnect cable that protrudes from the lower access hole (See Diagram 7.7).
13. Carefully pull the interconnect out of the top end of the column. When the replacement interconnect cable emerges from the top of the column, remove the tape and discard the original upper interconnect cable.
14. Reconnect the upper interconnect cable to the junction block.
15. Connect the upper interconnect cable to the upper PCA. Set the display housing at its mounting position on the display backing plate. Replace and tighten display housing mounting screws.
16. Check the operation of the cycle per Section 4.
17. Replace the cover per Procedure 7.1.
18. If you are replacing only lower interconnect cable or heart rate, skip to step 26.

19. Remove the display housing per Procedure 7.12, steps 1-4. Disconnect the interconnect cable from J1 of the upper PCA or the heart rate cable from J4 of the hand held heart rate PCA, as required.
20. Connect the replacement interconnect cable to the J1 connector on the upper PCA or the replacement hand held heart rate cable to J4 of the hand held heart rate PCA.
21. Set the display housing at its mounting position on the display backing plate. Replace and tighten display housing mounting screws.
22. If you are replacing only the upper interconnect or heart rate cable, skip to step 28.
23. On recumbent units, disconnect the lower heart rate cable from the upper heart rate cable. Slide the seat to its most forward position. Remove the plate covering the heart rate cable. Disconnect the cable in the frame from the cable to the seat. Pull the cable out of the frame from the front.
24. Feed the replacement cable into the frame from behind the seat. Pull the cable out of the front of the frame and connect it to the upper heart rate cable.
25. Connect the the other end of the cable to the seat cable. Feed all excess seat cable under the seat. Replace the cable plate removed in step 27.
26. Disconnect the lower interconnect cable from the upper interconnect cable. Disconnect the lower interconnect cable from the J2 connector of the lower PCA. Remove the cable from the frame cable clips.
27. Connect the replacement lower interconnect cable to J2 of the lower PCA. Feed it through the frame cable clips and connect the other end to the upper interconnect cable.
28. While supporting the column, remove the two large bolts that fastens the lower portion of the column to the main frame. Carefully move the column away from the the bike frame, taking care not to damage the cables shown in Diagram 6.2. Lay the column on the floor near the front of the bike.
29. Draw the cable being replaced out of the bottom of the column. Disconnect the cable being replaced from the lower cable. Feed the replacement cable into the top of the column. When it appears at lower access hole in the column, draw it out and connect it to its mating lower cable.
30. Verify that the rubber boot is still on the bottom of the column. Carefully feed the cables into the column and the main frame as you move the column into its mounting position.
31. Hand start both of the column mounting bolts removed in step 20. Securely tighten both column mounting bolts