

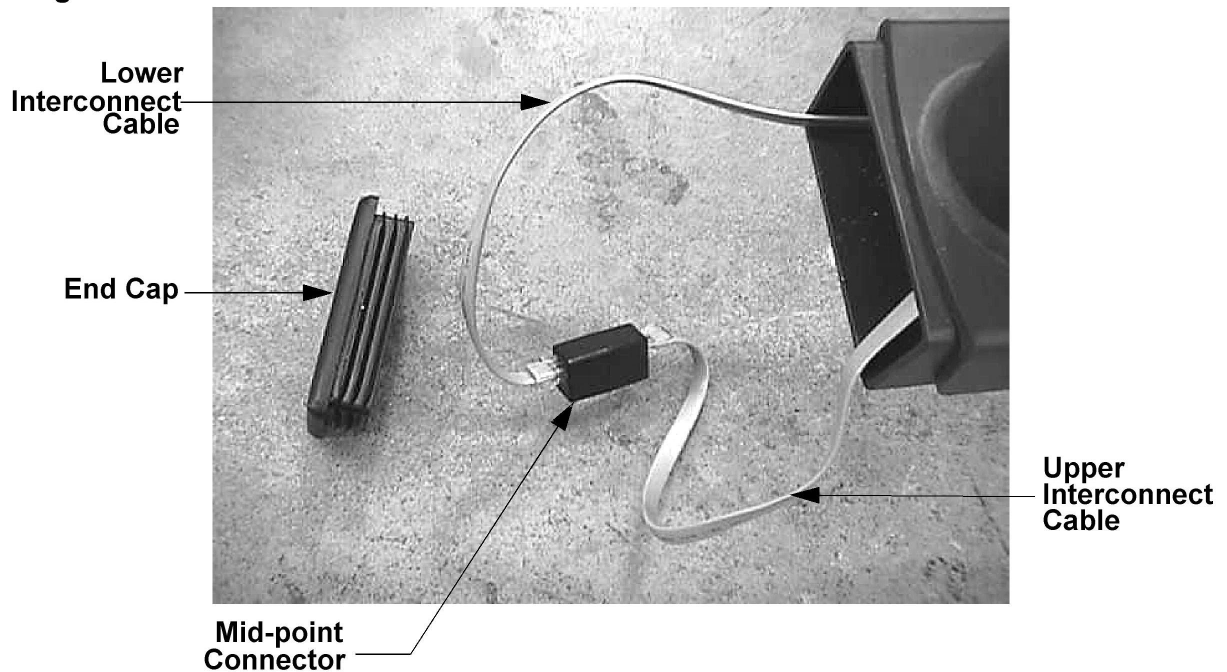
## Procedure 7.4 - Replacing a Lower or Upper Interconnect Cable

### Procedure

**Note:** Before you install a new interconnect cable, ensure that the interconnect cable is defective. Refer to Procedure 6.1.

1. Remove the rear cover and disconnect the red battery lead from terminal M6 of the lower PCA.
2. Pry the end cap out the front of the frame base tube with a thin bladed screwdriver (See Diagram 7.4).
3. Carefully withdraw both cables and mid-point connector.

**Diagram 7.4 - Interconnect Cables and Mid-Point Connector**



4. If you are replacing the upper interconnect cable skip to step 9. If you are replacing the lower interconnect cable continue with step 5.
5. Remove the left and right rear cover sections. Remove the two screws that fasten the lower PCA mounting bracket to the frame. Rotate the lower PCA mounting bracket to expose the interconnect cable. Disconnect the interconnect cable from the lower PCA.

6. Securely tape one end of the replacement lower interconnect cable to the lower PCA end of the existing lower interconnect cable. Carefully draw the existing lower interconnect cable out of the front of the frame as you carefully feed the replacement cable into the access hole near the lower PCA.
7. When the replacement interconnect cable emerges from the front of the frame, separate the interconnect cables and discard the defective interconnect cable. Connect the replacement interconnect cable to the lower PCA and mid-point connector. Rotate the lower PCA bracket into it's mounting position and fasten it with the screws removed in step 5.
8. Replace the right and left rear cover sections and front frame end cap. Thoroughly, test the unit per Section 4.
9. Remove the display housing per Procedure 7.1, steps 2 to 4. Set the display housing aside. Disconnect the interconnect cable from the upper PCA. See Diagram 7.3. Remove the four screws that fasten the display housing backplate to the main column. Remove the display housing backplate.
10. Securely tape one end of the replacement lower interconnect cable to the upper PCA end of the existing upper interconnect cable. Carefully draw the existing upper interconnect cable out of the front of the frame as you carefully feed the replacement cable into the main column.
11. When the replacement interconnect cable emerges from the front of the frame, separate the interconnect cables and discard the defective interconnect cable. Connect the replacement interconnect cable to the mid-point connector.
12. Feed the interconnect cable through the access hole in the display housing backplate and fasten the display housing backplate to the main column with the screws removed in step 9.
13. Connect the upper interconnect cable to the upper PCA and fasten the display housing to the display housing backplate with the screws removed in step 8.
14. Replace the red battery lead removed in step 1 and check unit operation as described in Section Four.