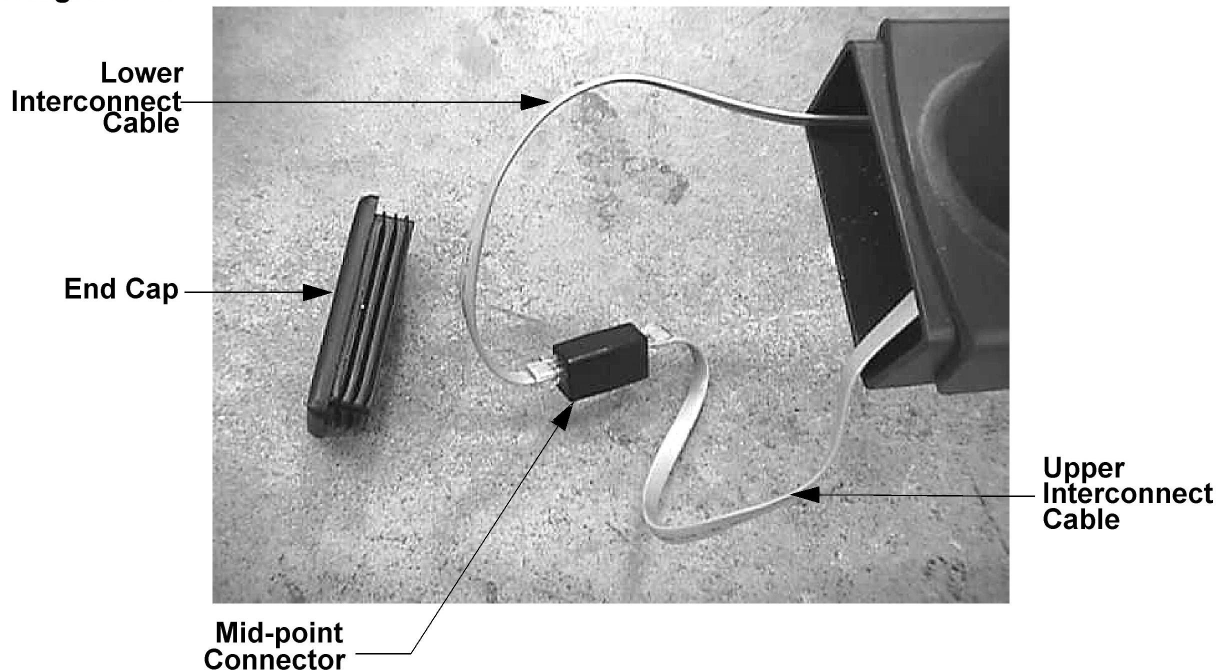


## Procedure 6.1 - Troubleshooting the Lower and Upper Interconnect Cable

Typical symptoms associated with a defective interconnect cable is either an error 30 or no power to the upper PCA. This procedure requires that you have a known good upper interconnect cable, lower interconnect cable and mid-point connector.

1. If you are troubleshooting an error 30, 31 or 32 continue with step 3, otherwise see Procedure 6.3 (C534) or Procedure 6.4 (C534i).
2. Pry the end cap out of the front of the frame base tube (See Diagram 6.1).
3. Carefully withdraw both cables and mid-point connector.

**Diagram 6.1 - Interconnect Cables and Mid-Point Connector**



4. Disconnect both cables from the mid-point connector and replace the mid-point connector with a known good mid-point connector. If the mid-point connector does not correct the problem, replace the original mid-point connector and continue with step 5.

5. Remove the rear cover. Disconnect the lower interconnect cable from the lower PCA and the mid-point connector. Substitute a known good interconnect cable from the lower PCA to the mid-point connector. It is not necessary to route the test interconnect cable through the frame tube, for convenience route it externally.
6. If the lower interconnect cable corrects the problem, replace the cable per Procedure 7.4. If the lower interconnect cable does not correct the problem, re-connect the original lower interconnect cable to the lower PCA and mid-point connector and continue with step 7.
7. Remove the upper display housing per Procedure 7.1, steps 1 to 4. Disconnect the upper interconnect cable from the mid-point connector. Substitute a known good interconnect cable from the upper PCA to the mid-point connector. It is not necessary to route the test interconnect cable through the frame tube, for convenience route it externally.
8. If the upper interconnect cable corrects the problem, replace the cable per Procedure 7.4. If the upper interconnect cable does not correct the problem, re-connect the original upper interconnect cable to the mid-point connector and continue with step 9.
9. Replace the upper PCA per Procedure 7.1, steps 9 to 11.
10. If you have performed all of the procedures above and have been unable to correct the problem, call Precor customer service.