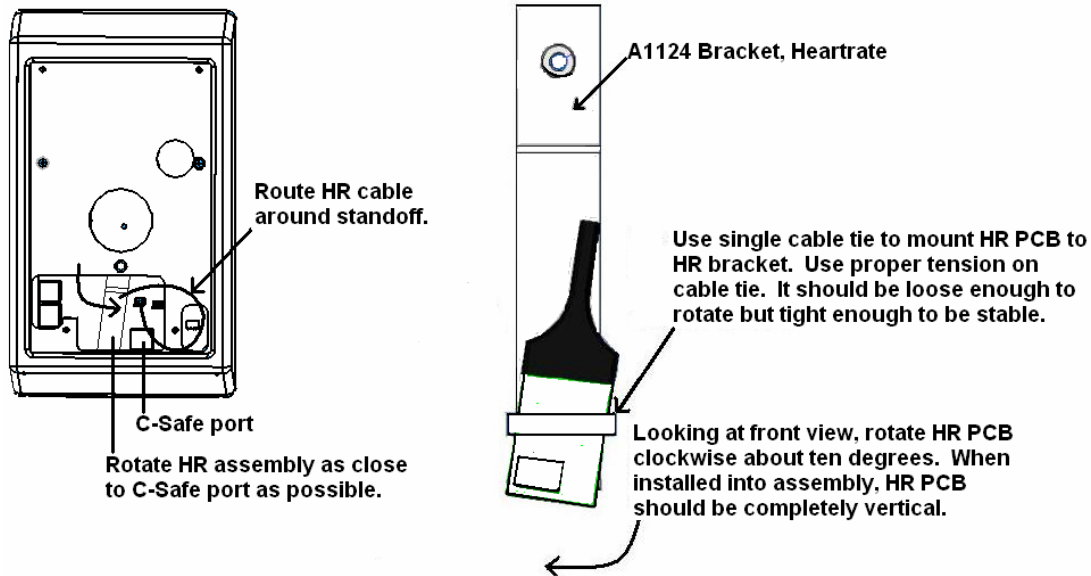
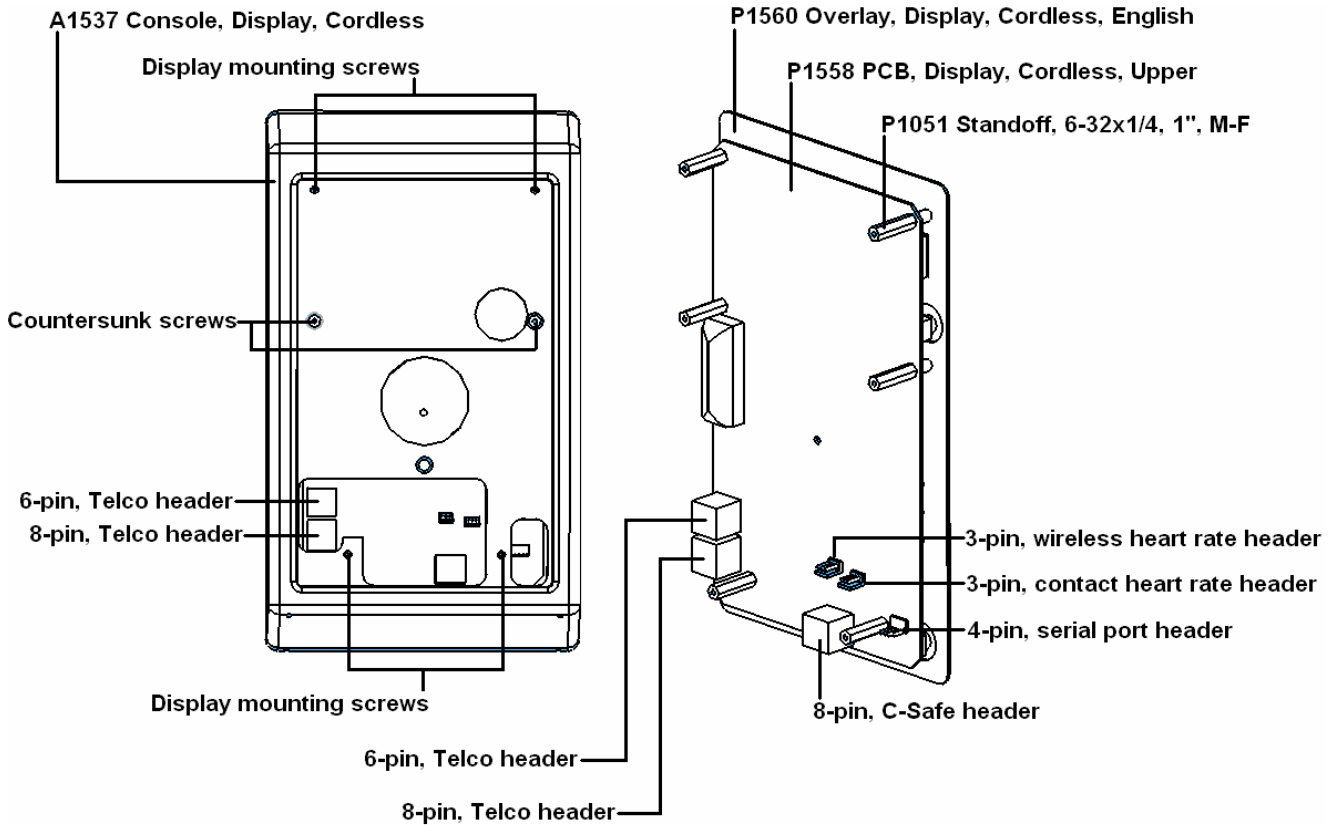


# ISO1004R Wireless Heart Rate PCB Replacement (Use this procedure for ISO1004R's with serial numbers thru 510-005402.)



1. Using a Philips screwdriver, remove the four (4) display mounting screws on the back of the display mounting plate.

2. Disconnect all cables running to the upper PCB and remove the upper console assembly from the unit. **Make sure the cables do not fall into the neck of the unit.**
3. Remove the two (2) outer countersunk screws in the back of the plastic console using a Philips screwdriver. This will free the upper PCB and overlay from the plastic console. **Do not touch any components on the upper PCB. Touching components could cause static damage.** If the wireless heart rate PCB is still plugged into the upper PCB, unplug it now.
4. Using a Philips screwdriver, remove the center, countersunk screw that mounts the wireless heart rate bracket.
5. Cut the zip-tie holding the wireless heart rate PCB to the bracket.
6. Mount the new wireless heart rate PCB onto the bracket (as shown in the picture at the top of the page).
7. Reinstall the wireless heart rate assembly back into the console but do not tighten in screw all the way down. When looking at the console from the front, rotate the wireless heart rate PCB clockwise, about ten (10) degrees. When properly installed, the wireless heart rate PCB should be completely vertical. Tighten the screw to lock in place.
8. Reinstall the upper display assembly. When looking at the console assembly from the backside, loop the wireless heart rate cable around the lower right standoff. Plug the wireless heart rate PCB back into the upper PCB. It plugs into the centermost, 3-pin Molex header.
9. Reinstall the two (2), outer countersunk screws in the back of the plastic console.
10. Reconnect all cables to the upper PCB.
  - The contact heart rate PCB has a cable coming up from the neck of the unit. This plugs into the outermost, 3-pin Molex header next to the wireless heart rate PCB header.
  - When looking at the back of the upper PCB, the Telco cables plug in along the left edge. The 6-pin plugs into the top plug and the 8-pin plugs into the bottom plug.
  - If your unit has Cardio Key, the cable plugs into the serial port, which is the 4-pin Molex header lower right corner.
  - If your unit has Broadcast Vision, Cardio Theater, etc., the cable connects to the 8-pin header located at the bottom center of the upper PCB.
11. Place the display assembly back onto the mounting plate and install the four (4) display screws.