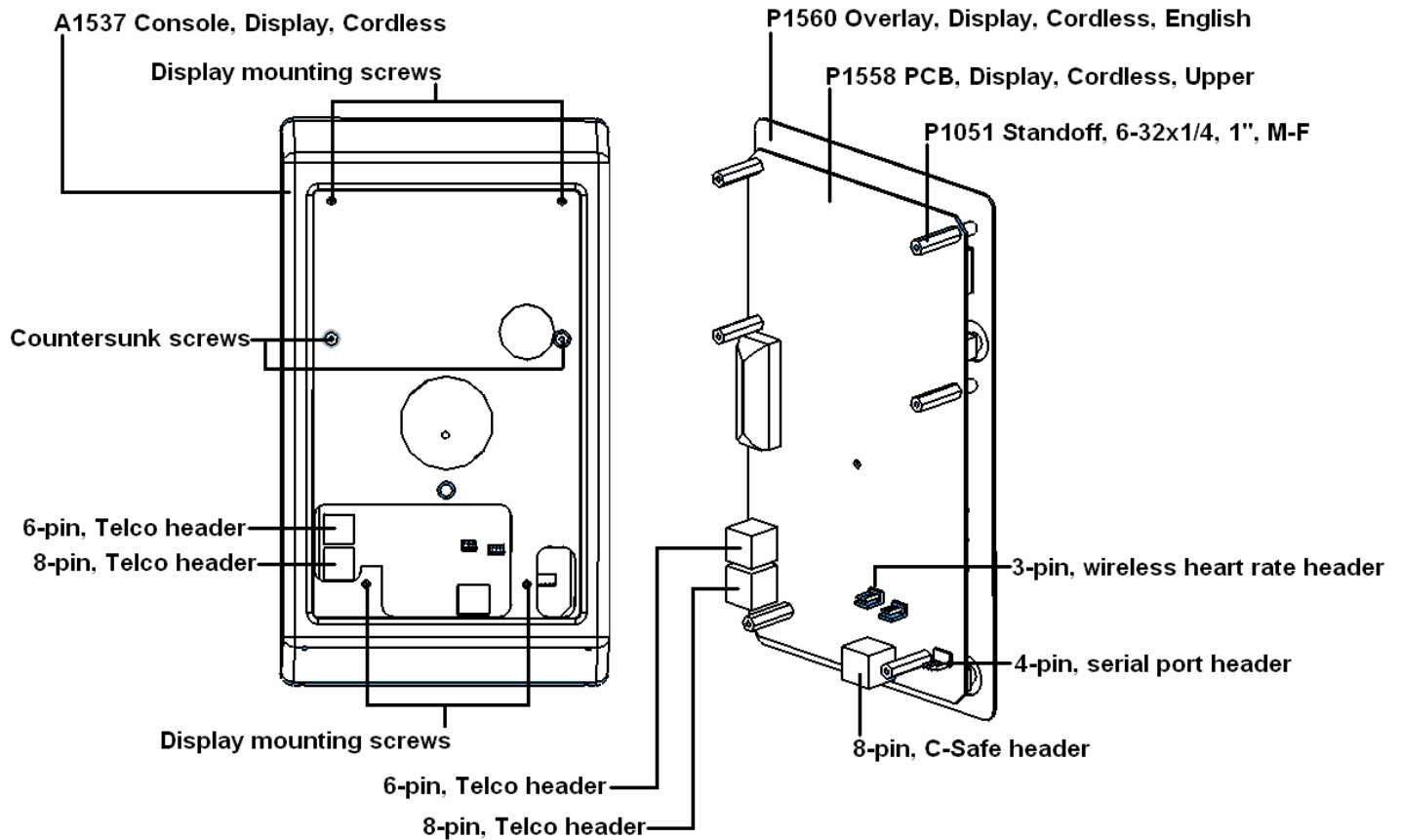


PROII Upper PCB Replacement (Use this procedure for PROII's thru serial number 650-005503.



1. Using a Philips screwdriver, remove the four display screws on the back of the display mounting plate.
2. Disconnect all cables running to the display 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 outer countersunk screws in the back of the plastic console using a Philips screwdriver. This will free the display PCB and overlay from the plastic console. ***Do not touch any components on the PCB. Touching components could cause static damage.*** If the heart rate receiver is still plugged into the display PCB, unplug it now.
4. Remove the six standoffs from the display PCB. This may require the use of a 5/16" nut driver or socket. The display PCB will separate from the overlay.
5. Install the new display PCB and replace standoffs. If your unit had two plastic standoffs, these need to be placed back at the bottom of the new display PCB.
6. Plug the heart rate receiver back into the display PCB. It plugs into the centermost, 3-pin Molex header.

7. Reinsert the display PCB assembly into the front of the console.
8. Reinstall the two, outer countersunk screws in the back of the plastic console.
9. Reconnect all cables to the display PCB.
 - When looking at the back of the display 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 display PCB.
10. Place the display assembly back onto the mounting plate and install the four display screws.
11. The model of machine must be defined. (You must rotate the cranks to power up the upper display to perform this next procedure.) When the display lights up, see if "**ELLIPTICAL**" appears in the top window. If so, press the UP arrow one time to display "**PRO**". Once "**PRO**" is displayed, press ENTER to save. If no unit type appears in the top window upon power up, the display has probably been preset at the factory. To verify this, hold the SCAN, SELECT, and PAUSE for three seconds until a type of machine appears, then release. ***Do not continue to hold keys once the type of unit appears.*** If "**PRO**" appears in the top window, press ENTER to save and exit, unless the unit is equipped with Cardio Key. If "**PRO**" doesn't appear in the top window, press and hold SELECT and the UP or DOWN arrow until "**PRO**" does appear. For units with Cardio Key, when "**PRO**" appears, press ENTER sixteen times until the top window shows either "**C-SAFE COMM**" or "**CARDIO KEY**". If "**CARDIO KEY**" is displayed, press ENTER three times to exit the mode. If this screen shows "**C-SAFE COMM**", press the UP or DOWN arrow to display "**CARDIO KEY**" in the top window, then press ENTER three times to exit the mode.