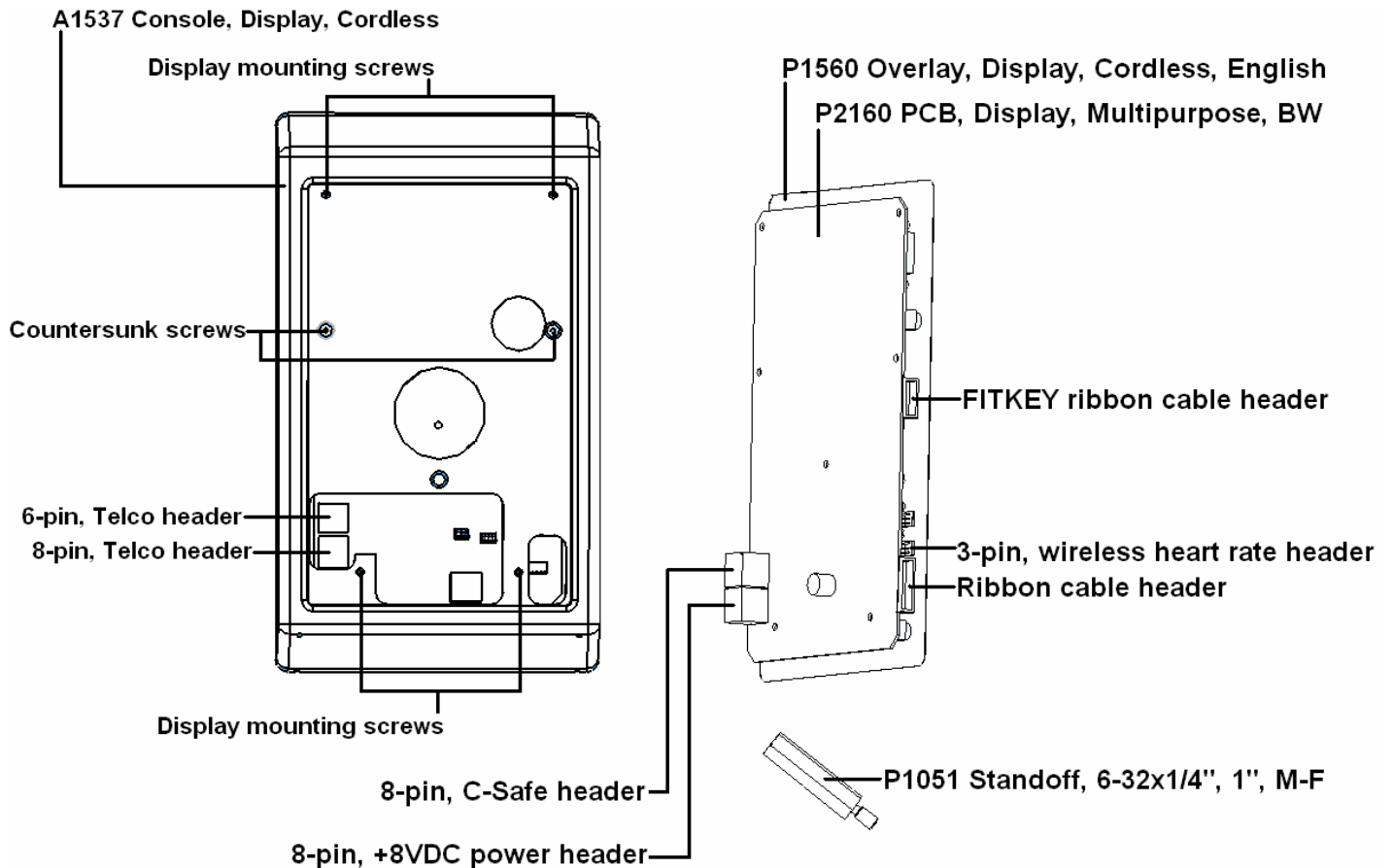


Upper (Display) PCB Replacement (Use this procedure for PROII's with serial numbers 650-005504 thru 650-005636.)



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.
4. Remove the six (6) standoffs from the upper PCB. This may require the use of a 5/16" nut driver or socket. The upper PCB will separate from the overlay.
5. Install the new upper PCB and replace standoffs.
6. Reconnect all cables to the upper PCB.
 - Plug the wireless heart rate PCB back into the upper PCB. It plugs into the bottom 3-pin header on the right side of the upper PCB (as shown above).

- The ribbon cable plugs into the bottom ribbon cable header on the right side of the upper PCB.
 - If your unit has Broadcast Vision, Cardio Theater, etc., the cable connects to the 8-pin, +8VDC power header. When looking at the upper PCB from the front, this header is located on the lower right backside corner of the upper PCB (as shown above).
7. Reinsert the upper PCB assembly into the front of the console.
 8. Reinstall the two (2), outer countersunk screws in the back of the plastic console.
 9. Place the console assembly back onto the mounting plate and install the four (4) display mounting screws.
 10. 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 “**UNDEFINED**” appears in the top window. If “**UNDEFINED**” appears, press the UP arrow one time to display “**PRO**” or “**PRO 2**”. Once “**PRO**” or “**PRO 2**” 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 “**FACTORY SETTINGS**” appears, then release. ***Do not continue to hold keys once this appears.*** Press ENTER once. If “**PRO**” or “**PRO 2**” appears in the top window, press ENTER eight (8) times until “**UPDATING**” appears. If “**PRO**” or “**PRO 2**” doesn’t appear in the top window, press and hold SELECT and the UP or DOWN arrow simultaneously until “**PRO**” or “**PRO 2**” does appear.
 11. Verify operations of the unit by using different programs.