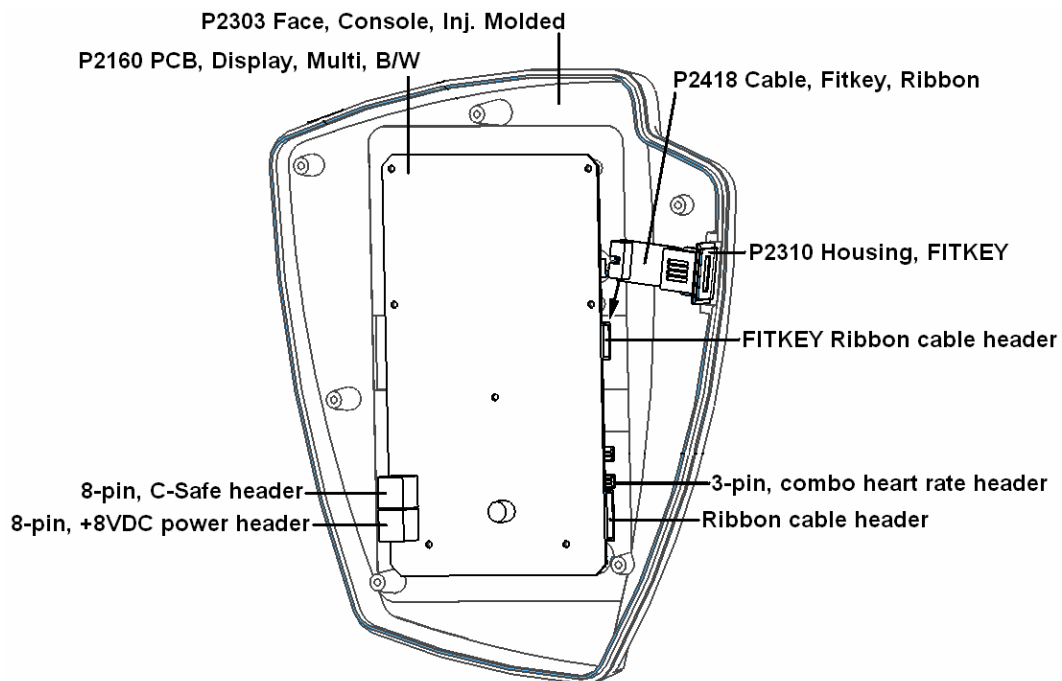
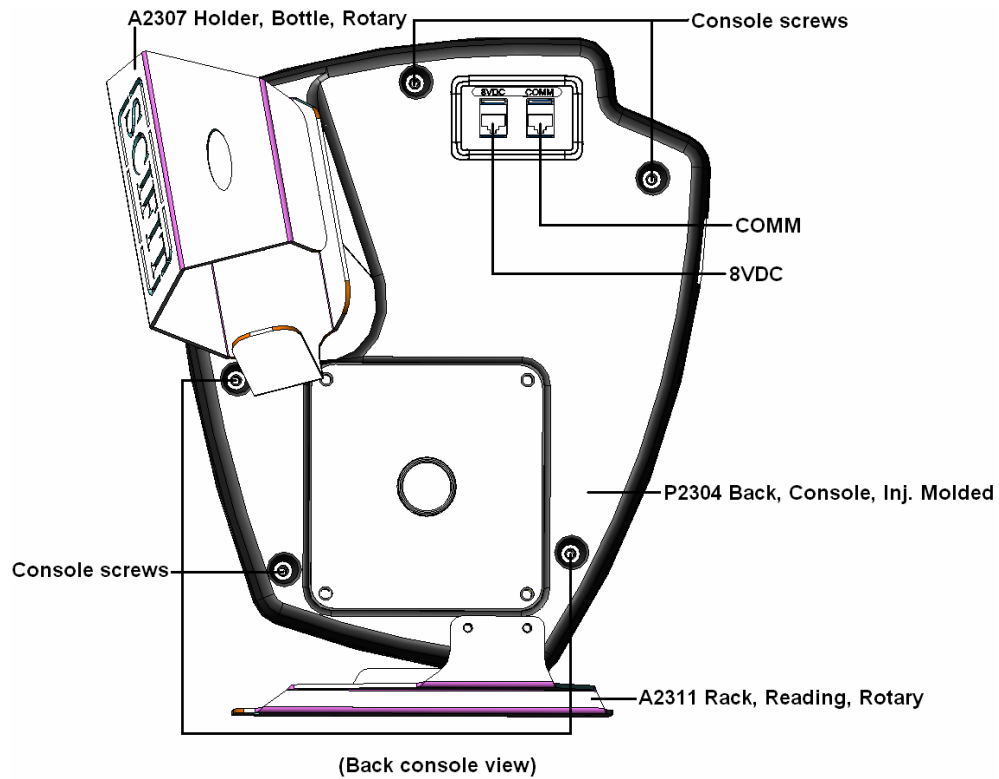


ISO1004R Upper PCB (Display) Replacement (Use this procedure for ISO1004R's with serial number 510-005779 and above.)



1. Remove the five (5) console screws in the console back (P2304), using a Philips screwdriver.

2. Disconnect all cables running to the upper PCB (P2160) and remove console face (P2303) from the unit. ***Make sure the cables do not fall into the neck of the unit.***
3. Remove the six (6) screws holding the upper PCB to the console face. 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.***
4. Install the new upper PCB.
5. Reinsert the six (6) screws through the upper PCB and into the console face. Tighten.
6. Reconnect all cables to the upper PCB.
 - Plug the combo 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 as wireless heart rate header in the drawing).
 - The ribbon cable plugs into the bottom ribbon cable header on the right side of the upper PCB (as shown in the drawing).
 - The FITKEY ribbon cable (P2418) plugs into the FITKEY ribbon cable header on the upper PCB. This header is located just above the contact heart rate header (as shown in the drawing).
 - There are two (2) gray Telco cables. The cable from the 8VDC jack affixed to the console back connects to the 8-pin, +8VDC power header on the upper PCB. The other cable from the COMM jack affixed to the console back connects to the 8-pin, C-Safe header.
7. Verify connections.
8. Match the console and face up to each other and install the five (5) console screws, using a Philips screwdriver.
9. The model of machine must be defined. (Rotate the pedals 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 so, use the UP arrow until the correct setting is displayed for your unit. The correct setting for your unit is “**RECUMBENT**” or “**ISO1000R**”. 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 “**RECUMBENT**” or “**ISO1000R**” appears in the top window, press ENTER eight (8) times until “**UPDATING**” appears. If “**RECUMBENT**” or “**ISO1000R**” doesn’t appear in the top window, press and hold SELECT and the UP or DOWN arrow simultaneously until “**RECUMBENT**” or “**ISO1000R**” does appear.
10. Verify operations of the unit by using different programs.