

Procedure 6.11 - Replacing the Metrics PCA

1. Set the treadmill circuit breaker in the “off” position and unplug the treadmill’s line cord from the AC outlet.
2. The PCA’s in the display are static sensitive. They can be damaged if proper static prevention equipment is not used. Attach an anti-static wrist strap to your arm, then connect the ground lead of the wrist strap to the treadmill’s frame ground.
3. Remove the eight screws that fasten the display back cover and remove the display back cover.
4. Disconnect the data cable, 2 CSAFE cables and the heart rate cable from the upper PCA. See Diagram 6.9.
5. The display cap snaps onto the display with two tabs. Reach into the upper portion of the display and locate the two display cap tabs. Press the tabs outwards to disengage the tabs and remove the display cap.
6. The display face snaps onto the display with six tabs. One of the tabs is behind the HR PCA. The HR PCA snaps into its mounting. Press its tabs downward and remove the HR PCA from its mounting.
7. Press the four display face tabs outwards and disengage the display face from the display. Disconnect the stop switch cable from the upper PCA and remove the display face from the display.
8. Disconnect the Metrics cable from the Metrics PCA. See Diagram 5.1.
9. The Metrics PCA snaps into the display face. Press the Metrics PCA tabs outward and remove the Metrics PCA from the display face.
10. Snap the replacement Metrics PCA into its mounting on the display face.
11. The red wire in the Metrics cable indicates pin 1. Align the red wire in the Metrics cable with the pin 1 markings on the Metrics PCA. Connect the Metrics cable to the Metrics PCA.
12. Connect the stop switch cable to upper PCA and snap the display face into place on the display.
13. Reconnect the data cable, two CSAFE cables and the HR cable to the upper PCA as shown in Diagram 6.9.
14. Snap the HR PCA into its mounting. See Diagram 6.9.
15. Snap the display cap into place on the display.

16. Replace the display back cover with the hardware removed in step 3.
17. Check treadmill operation per Section 3.