

Procedure 6.12 - Replacing the D-Pad Assembly

1. Set the treadmill circuit breaker in the "off" position and unplug the treadmill's line cord from the A.C. 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 seven screws that fasten the display back cover and remove the display back cover as follows. Grasp the display back cover by the top two holes and pull downward to release the top of the cover. Grasp the top and bottom of the cover and pull towards you and then downward to remove 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 six 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 D-pad cable from the D-pad assembly. See Diagram 5.1.
9. The D-pad assembly snaps into the display face. Release the D-pad assembly's tabs and push the D-pad assembly out of the front of the display face.
10. With the replacement D-pad assembly oriented so that the incline and speed switches are correctly aligned, slide the D-pad assembly into the display face until it snaps into place.
11. The red wire in the D-pad cable indicates pin 1. Align the red wire in the D-pad cable with the pin 1 markings on the D-pad PCA. Connect the D-pad cable to the D-pad PCA.
12. Connect the stop switch cable to upper PCA. Snap the display face into place on the display, starting at the bottom and working toward the top.
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 by sliding the lower portion of the cover over the targas, then press the cover into place. Fasten the cover with the hardware removed in step 3.
17. Check treadmill operation per Section 3