

BCS + E-SM + E-ST Not Powering On, Keys Beeping

Star Trac E-series Bikes (9-8110 + 9-8100), Cross Trainers (9-6080), Stairmills (9-5180), and Steppers (9-5070, 9-5080, 9-5090)

This document addresses the complaint of E-series bikes, cross trainers, stairmills, and steppers not powering on while the buttons will respond. This is a software-related issue that is corrected when uploading to the newest software version respective to machine.

Do not upload this software to a P Series unit. Doing this will cause the display to be inoperable.

- Tools Needed:
 - FISP Uploader
- Software Needed:
 - StairMill V1.03
(<https://support.corehandf.com/Brands/StarTrac/Software/StairMill%20Primary%20Software%20V1.03.zip>)
 - BCS V1.19
(<https://support.corehandf.com/Brands/StarTrac/Software/BCS%20Primary%20Software%20V1.19.zip>)
- In order to upload the software on E Series Bikes, Total Body Trainers, Cross Trainers and Steppers, the back cover of the display must be removed. Once cover is removed, this will give direct access to the display electronics (Fig. 1).



Fig. 1

- With a clear view of the display electronics, there are two ports. There is a Primary (A) and a Secondary (B) port as shown in Fig. 2. Insert the uploader into the Primary port "A" (Fig. 2 + 2.1)

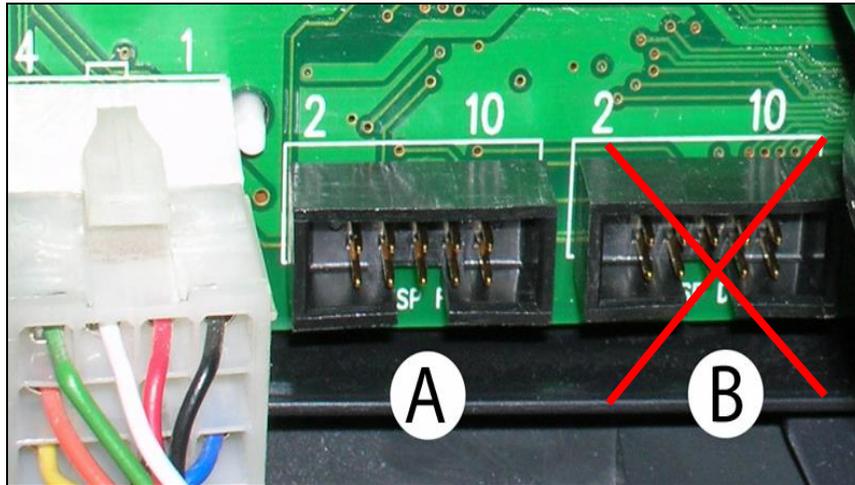


Fig. 2

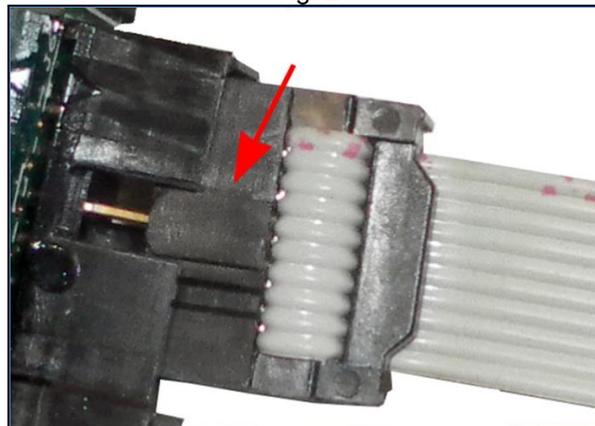


Fig. 2.1

Updating BCS Console Primary Software (For StairMill see page 3)

1. Locate the Primary port.
2. Plug the primary uploader into the Primary (A) port (Fig. 3).
3. Start pedaling to power the unit. While pedaling, the uploader light will blink orange.
4. Continue pedaling until the uploader light turns solid green.
5. Disconnect the uploader from the display electronics.
6. Continue to page 3 to configure console settings

Updating StairMill Primary Console Software

1. Unplug StairMill
2. Locate the Primary port.
3. Plug the primary uploader into the Primary (A) port (Fig. 3).
4. Plug the StairMill back in, the uploader light will blink orange.
5. Wait until the uploader light turns solid green.
6. Disconnect the uploader from the display electronics.
7. Continue to page 3 to configure console settings

For video instructions on the following steps: <http://www.youtube.com/watch?v=5VkjXDzI5hc&feature=youtu.be>

- After uploading the software. Let the unit shut down or power cycle the unit if StairMill. Then start pedaling to wake it up/plug the StairMill back in. (Fig. 3)



Fig. 3

- Once the unit is awake, press the number “0”, “2”, and “Start” at the same time to get into the maintenance mode. (Fig. 4 + 4.1)

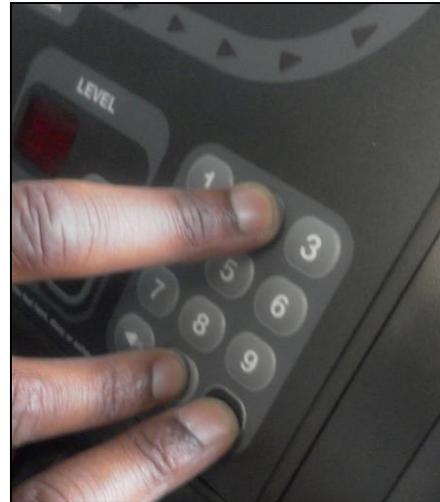


Fig. 4



4.1

- As soon as “Maintenance Mode” comes up, press the numbers “1”, “4” and “7” at the same time. “Init Variables” will appear. (Fig. 5)

Note: very important to press 1+4+7 within 3 seconds of seeing the “maintenance mode”



Fig. 5

- “Please Wait” will then appear, let the unit power down. (Fig. 6)



Fig. 6

- Start pedaling. Return to the “Maintenance Mode”. Using the “SCROLL” key. If it is plugged in the wall, make sure the “Wall Power” is on. (Fig. 7)



Fig. 7

- To change the values from “On” to “Off”, press the “+” or “-” button. (Fig. 8)



Fig. 8

- Serial number should be 00000. Then press “SCROLL” (Fig. 9)



Fig. 9

- Change weight to 155 (Fig. 10)



Fig. 10

- Change time to 99 (Fig. 11)



Fig. 11

- Change model to the correct unit type depending on what unit is receiving this software update. (Fig. 12)



Fig. 12

- Make sure CSAFE is off then press "OK" to save all settings. (Fig. 13)



Fig. 13