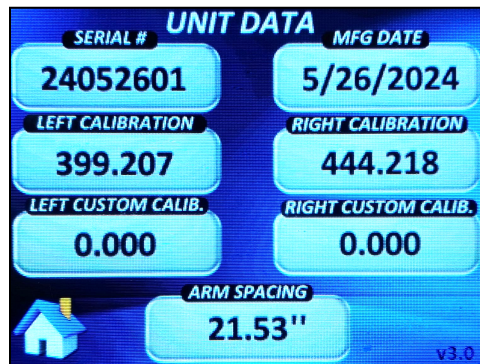


# SwingW.com Pro-Touch Steel Digital Swingweight Scale - USB Firmware Update Instructions.

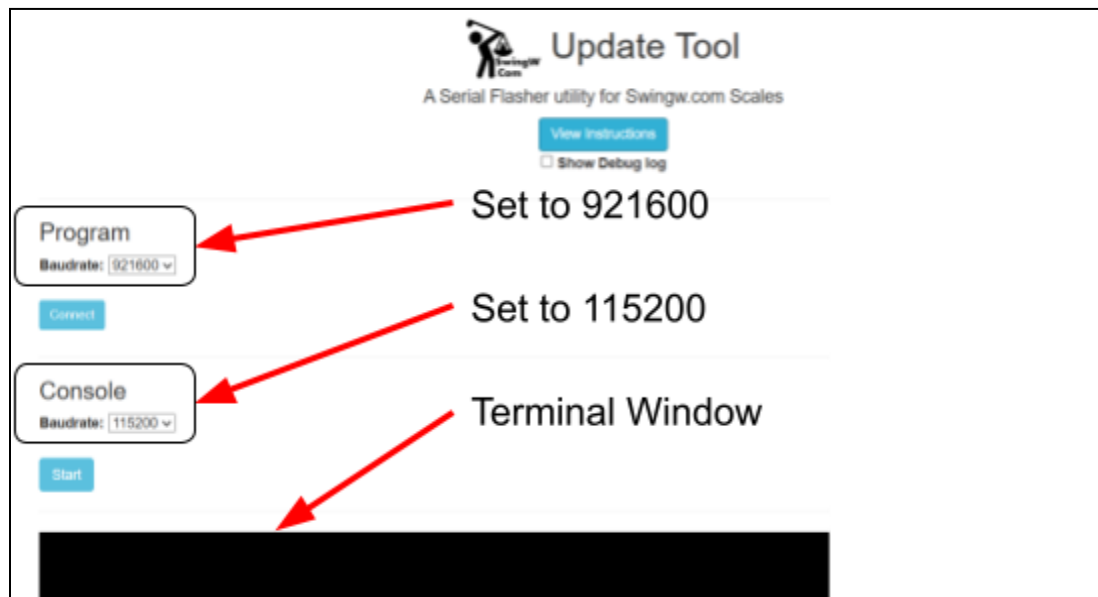
## IMPORTANT!

You **MUST** use a Windows PC running Chrome or Edge Version 89 or higher as the browser. Chrome and Edge support “WebSerial” which lets your PC talk to the scale. Take a picture of the Unit Data Screen on your scale before proceeding . You’ll be required to enter this information once the new firmware is installed (See step 10 thru 12 below).

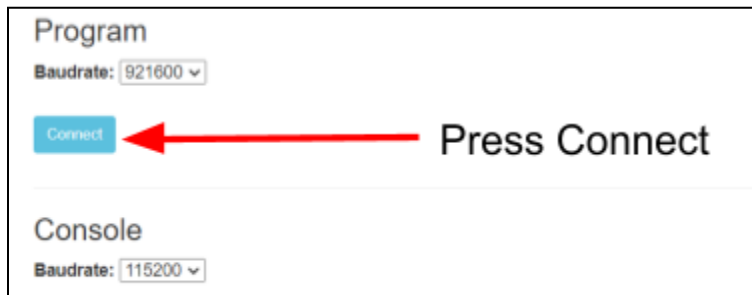
**DO NOT OMIT THIS STEP OR ELSE YOUR SCALE  
MAY BE UNRECOVERABLE AFTER UPDATE.**



1. Before proceeding, make sure you have the firmware “.bin” files saved in a handy place on your computer. These bin files are only available by contacting [mike@swingw.com](mailto:mike@swingw.com). You must have a valid serial number.
2. Click on the link below to go to our updater website. It is safe.  
<https://swingwcom.github.io/USB-Flasher/>
3. Make sure the “baudrates” are as shown below (default settings).

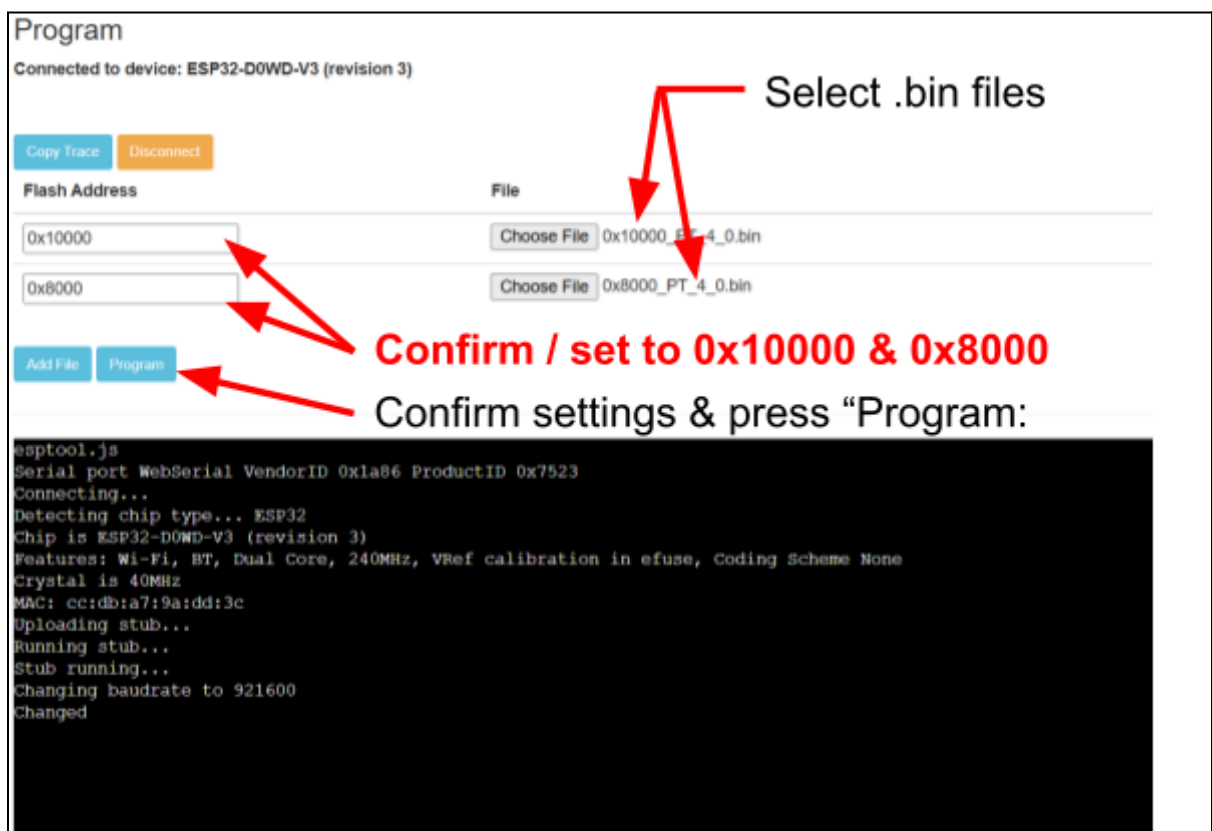


4. Plug the Pro-Touch into your PC via a USB port. The Pro-Touch should power up. Press “Program:Connect” on the website screen. You’ll get a pop-up screen to select the USB port the scale is connected to. It may give you several choices. Once you pick the correct port, you will see information about your scale’s processor in the terminal window. If the scale powers up, but you cannot connect, try a different USB port on the PC or another PC. Refresh the screen to start over if needed. Connection may take several tries.



```
esptool.js
Serial port WebSerial VendorID 0x1a86
Connecting...
Detecting chip type... ESP32
Chip is ESP32-D0WD-V3 (revision 3)
Features: Wi-Fi, BT, Dual Core, 240MHz,
Crystal is 40MHz
MAC: cc:db:a7:9a:dd:3c
Uploading stub...
Running stub...
Stub running...
Changing baudrate to 921600
Changed
```

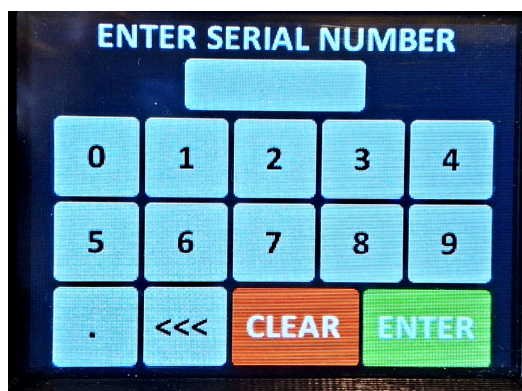
5. The following steps prepare to load the new program. FOLLOW THESE INSTRUCTIONS EXACTLY.
6. THE “FLASH ADDRESS” MUST BE SET TO “0x10000” & “0x8000” (default settings). Any other settings will overwrite the wrong memory address. Scale will not function if that happens.
7. Press “Choose File” and select the .bin files that you were provided by SwingW.com. Match the file names to the flash address (ie: Choose File: 0x10000\_PT\_4\_\*.bin for flash address 0x10000)



8. Confirm that the Flash address and files have been chosen correctly. Press “Program” to write the new program to the Pro-Touch. **THIS STEP CANNOT BE REVERSED**. Once programming is done, you’ll see a similar message at the bottom of the terminal screen.

```
Writing at 0x103ba1... (88%)
Writing at 0x109487... (90%)
Writing at 0x112361... (92%)
Writing at 0x11b1c4... (94%)
Writing at 0x120962... (96%)
Writing at 0x12688d... (98%)
Writing at 0x12be16... (100%)
Wrote 1185456 bytes (834934 compressed) at 0x10000
Hash of data verified.
Leaving...
```

9. Unplug the scale and plug it back in (this resets the scale). The new firmware will start on the scale.
10. After startup, you might see the following touchpad screen on the Pro-Touch. You will be required to enter information about the Pro-Touch. Scales built after June 2024 may not require this step.



11. You’ll be required to enter the SERIAL NUMBER, LEFT CALIBRATION, RIGHT CALIBRATION and ARM SPACING. If you feel you made a mistake, the “<<<” key takes you back to the previous screen. **MAKE SURE YOUR ENTRIES ARE ERROR FREE.** Entering a wrong SERIAL NUMBER can make the scale not function.
12. Once you press “ENTER” on each screen, it will take you to the next screen. Once you press “ENTER” on the arm spacing screen (the 4th screen), the Pro-Touch will be programmed. The scale will display the “HOMESCREEN” and the scale is ready to use (scale may reboot first). Any *custom* calibration setting may be lost. If desired, you can redo the custom calibration process with a 500g weight.

## Conclusion:

If you are at all concerned about any of the above steps, STOP. Do not try to program the scale if you have questions. E-mail those questions to [mike@swingw.com](mailto:mike@swingw.com). We’ll have the answers.