Using a Modular Service Tool SD to Update the VCCX2 Controller

NOTE: Only service tools w/software versions 1.05 or higher may be used to update the VCCX2 Controller.

Step by Step Instructions

Prior to following the instructions on how to update the VCCX2 Controller, you MUST update your Modular Service Tool's SD Card. To perform this update, please refer to the "Updating SD Card Screens" section of the TechSupport website which is located right after Prism 2 and USB Drivers.

Once your SD card is updated to the latest version available on our TechSupport website, follow the step by step instructions below to update the VCCX2 Controller.

Step 1: Connect the power cords to the Modular Service Tool SD and the VCCX2 Controller and turn both on.

Step 2: Connect the Modular Service Tool SD to the VCCX2 Controller via a communication cable.

Step 3: After initialization of the Modular Service Tool SD with the updated SD card file in it, press <2> to select the "Communications" option and configure the Service Tool for Stand Alone Mode/Hi Speed Connection by navigating the options with <NEXT> and <PREV>.

Step 4: Press <ENTER> to save changes.

Step 5: Once you are back to the first Setup Screen, press <NEXT> and at the second Setup Screen press <4> to select "Update Software."

Step 6: On the "Select Communication Type", press <1> to select "Wattmaster Comm" as we are utilizing the WattMaster communication cable to talk to the controller. If we were using an E-BUS cable, we would select EBUS Comm instead.

Step 7: Enter the VCCX2 Controller's address and then press <ENTER> twice. **NOTE:** To find the controller's address, from the VCCX2 Controller's LED display, press <MENU> once and then <ENTER>.

Step 8: The Software Version Screen will appear. Enter <0> if you want the latest software version available on the SD Card. Or if you have requested an older version, enter the three digit version number (X.XX).

Step 9: After entering the version number, press <ENTER> twice. **NOTE:** If the VCCX2 Controller already has the latest software version that is available on the SD card, the screen will display "Software Up To Date".

Step 10: The screen should display, "Resetting Unit." It will then show "File W441Bxxx.hex" on the first line and "Erasing Flash Memory" on the second line.

Step 11: When the downloading is occurring, the screen will show the following:

Line 1 shows: File W441Bxxx.hex

Line 2 shows: Flash Memory Erased

Line 3 shows: Numbers incrementing showing download is in process.

Step 12: Once the download process is complete, the screen will display, "Finish download" on the fourth line.

NOTE: If the Service Tool displays, "Cannot Find File", your SD Card was not properly updated. Go back to the TechSupport website to perform the SD Card update again.