

Using a Modular Service Tool SD to Update the VCB-X Controller

NOTE: Only service tools w/software 1.05 or higher may be used to update the VCB-X Controller.

Step by Step Instructions

Follow the step by step instructions below to update the VCB-X Controller with a Modular Service Tool SD.

Step 1: Download the file “Modular-HH-Screens” from the Tech Support website. Download this file to your computer into your “Downloads” folder.

Step 2: Once downloaded, find the file in your “Downloads” folder and copy and paste all four folders onto your SD card. Select “Yes” to all when the window asks if you would like to merge file folders. Remove the SD card from your computer and install it in your Modular Service Tool SD.

Step 3: At this point, your Modular Service Tool SD is ready to update the VCB-X Controller.

Step 4: Connect the power cord to the Modular Service Tool SD and then turn it on.

Step 5: Connect the Modular Service Tool SD to the VCB-X Controller via a communication cable.

Step 6: After initialization of the Modular Service Tool SD with the updated SD card file in it, press <2> and configure the Service Tool for Stand Alone Mode/Hi Speed Connection.

Step 7: Once you are back to the first Setup Screen, press <NEXT> and then press <4> (Update Software) at the second Setup Screen. The Update Software Screen will appear.

Step 8: Press <1> (Wattmaster Comm)

Step 9: Enter the VCB-X Controller’s address and then press <ENTER>.

Step 10: The Software Version Screen will appear. Enter <0> for the latest software version.

Step 11: Immediately after that, apply power to the VCB-X Controller.

Step 12: 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 13: 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 14: Once the download process is complete, it will display, “Finish download” on the fourth line. If any error messages appear on the screen when trying to download, try the process again.