



SERVICE BULLETIN 004b – Full Throttle Software Update V1.41 - 01/08/2016

Software version 1.41 includes the following improvements:

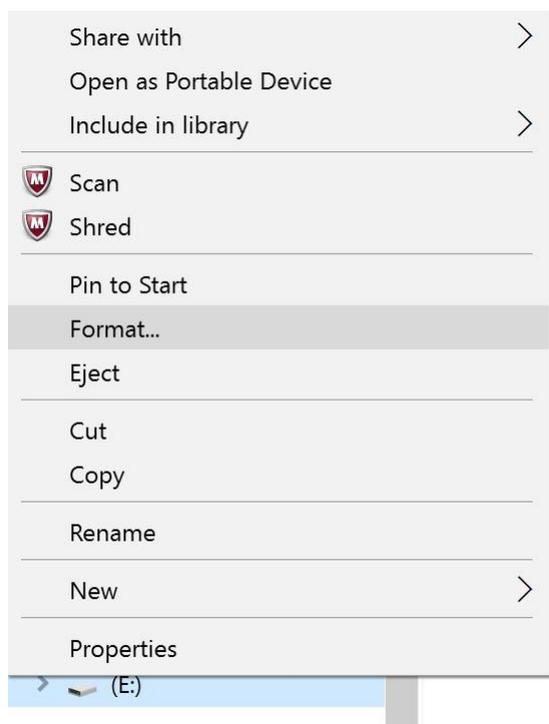
- 1. Stronger flippers**
- 2. Stronger pop bumpers**
- 3. Improved shaker motor control**
- 4. Improved fibre optic lighting control**

Please follow these instructions on how to update your Full Throttle machine to **V1.41**

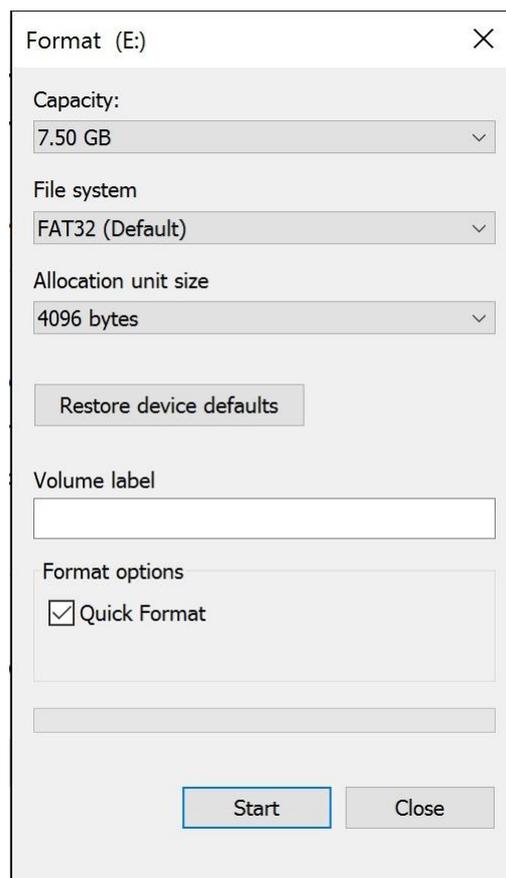
Step 1: Take out the USB drive that is currently in your pinball machine. Make sure the machine is 'OFF' when you do this.

Format the USB drive to 'FAT32'. This is very important for this installation.

Find the USB drive in your file explorer, and right click on the drive:



Select 'Format' and make sure FAT32 is selected. Then press 'Start'

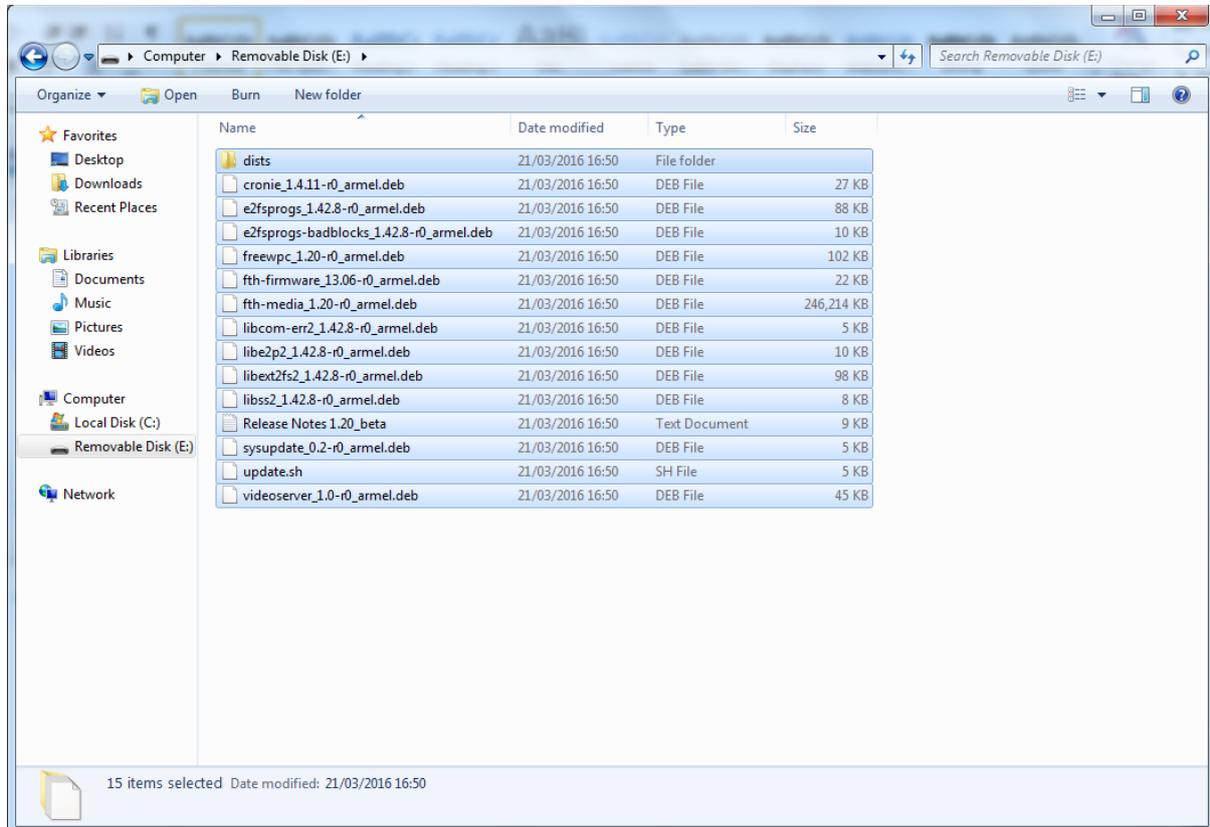




Step 2: Download the update file from our server and put it on your laptop or PC.

<http://www.heighwaypinball.com/update1.41.zip>

Unzip the files and paste the unzipped files onto your formatted USB stick. They should look like this:



Step 3: With the game off, plug the USB drive into your machine. The update may take several minutes to complete. Your machine will reboot several times during this process, and it is important you do not manually turn your machine off during this process.

If you see the message **'Failed to install updates!'**, then simply switch the machine off and then on again.

Step 4: After a reboot your machine should boot to 'attract mode' and the update process should be complete.



Step 5: I/O Board Update

Now you need to update each of your **4** I/O Boards.

Step 1: Access the service menu once again by opening the coin door and pressing the 'Enter' button (Black).

Step 2: Scroll through the menu using the red buttons (+ and -) until you get to 'tests', and select using the 'Enter' button.

Step 3: Scroll then to 'I/O Boards' and again press the 'Enter' button.

Step 4: Here you will be able to update each I/O Board individually. Scroll through each one and press 'Enter' once to select the I/O Board and second to update. Do this for each of the 4 I/O Boards.

Exit the service menu by pressing the 'Back' button (Green), until you return to the play screen.

You are ready to play, enjoy!