

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 <u>'FAT32'</u>. 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'							

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Close

	Share with	>	Format (E:)	
	Open as Portable Device		Canacity:	
	Include in library	>	7.50 GB	
M	Scan		File system	
W	Shred		FAT32 (Default)	
	Pin to Start		Allocation unit size	
	Format		4096 bytes	
	Eject			
	Cut		Restore device defaults	
	Сору		Volume label	
	Rename			
	New	>	Format options	
	Properties			
>	🥪 (E:)			
			Start	
			Start	

 Web:
 www.heighwaypinball.com
 Tel: +44 (0)1685 370190

 HEIGHWAY PINBALL LIMITED, UNIT 35 RASSAU INDUSTRIAL ESTATE, EBBW VALE, NP23 5SD, UNITED KINGDOM
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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:

							x		
Computer	▶ Removable Disk (E:) ▶			- 4g	Search Removable Disk (E:)	-	٩		
Organize 🔻 😭 Open	Burn New folder				:=: •		(?)		
	Name	Date modified	Туре	Size					
Desktop	🔒 dists	21/03/2016 16:50	File folder						
Downloads	cronie 1.4.11-r0 armel.deb	21/03/2016 16:50	DEB File	27 KB					
Recent Places	e2fsprogs 1.42.8-r0 armel.deb	21/03/2016 16:50	DEB File	88 KB					
_	e2fsprogs-badblocks 1.42.8-r0 armel.deb	21/03/2016 16:50	DEB File	10 KB					
🔚 Libraries	freewpc 1.20-r0 armel.deb	21/03/2016 16:50	DEB File	102 KB					
Documents	fth-firmware_13.06-r0_armel.deb	21/03/2016 16:50	DEB File	22 KB					
J Music	fth-media_1.20-r0_armel.deb	21/03/2016 16:50	DEB File	246,214 KB					
Pictures	libcom-err2_1.42.8-r0_armel.deb	21/03/2016 16:50	DEB File	5 KB					
Videos	libe2p2_1.42.8-r0_armel.deb	21/03/2016 16:50	DEB File	10 KB					
	libext2fs2_1.42.8-r0_armel.deb	21/03/2016 16:50	DEB File	98 KB					
💻 Computer	libss2_1.42.8-r0_armel.deb	21/03/2016 16:50	DEB File	8 KB					
🏭 Local Disk (C:)	Release Notes 1.20_beta	21/03/2016 16:50	Text Document	9 KB					
🚗 Removable Disk (E:)	sysupdate_0.2-r0_armel.deb	21/03/2016 16:50	DEB File	5 KB					
	update.sh	21/03/2016 16:50	SH File	5 KB					
📬 Network	videoserver_1.0-r0_armel.deb	21/03/2016 16:50	DEB File	45 KB					
15 items selected Date modified: 21/03/2016 16:50									

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.

Step4: 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!