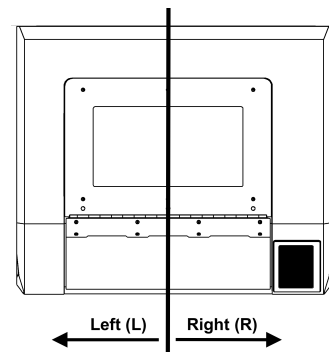




Title	Flashing software to SD card
Models	Bolt, Bolt Pro
Version	3.2
Revision date	20-08-2020
Expected duration	20 minutes

Description
This guide helps you to manually write (flash) the software on your SD Card.

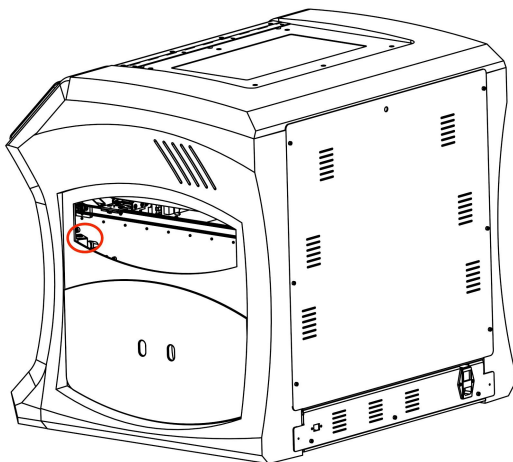
Guideline
<p>Please make sure that the machine is switched off during the procedure. Also the power-cable needs to be removed.</p> <p>This procedure will explain where to locate the SD card. Following how to remove it. A free software program may be used to flash the SD card with the latest software. The latest software will be provided by the Leapfrog Support Team.</p>



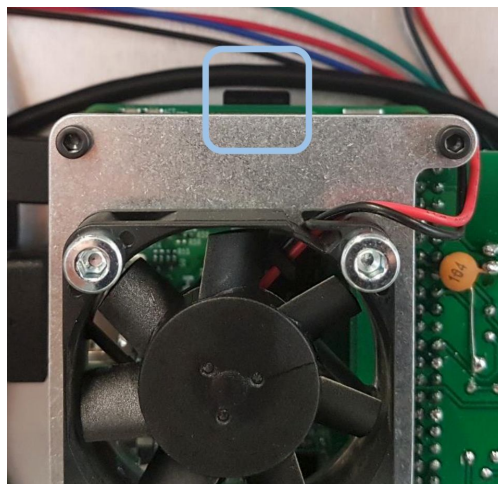
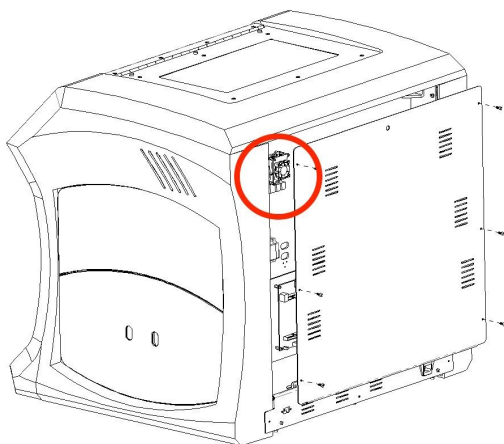
Tools
A 3mm hex key (only if step 1C is necessary)
Etcher software (Free download)
Computer that can read/write a Micro SD card
Download the latest software file (operating system ±9GB). Download link provided by Leapfrog Support Team.

Step 1 Locate the SD Card

Before proceeding please make sure the machine is switched off

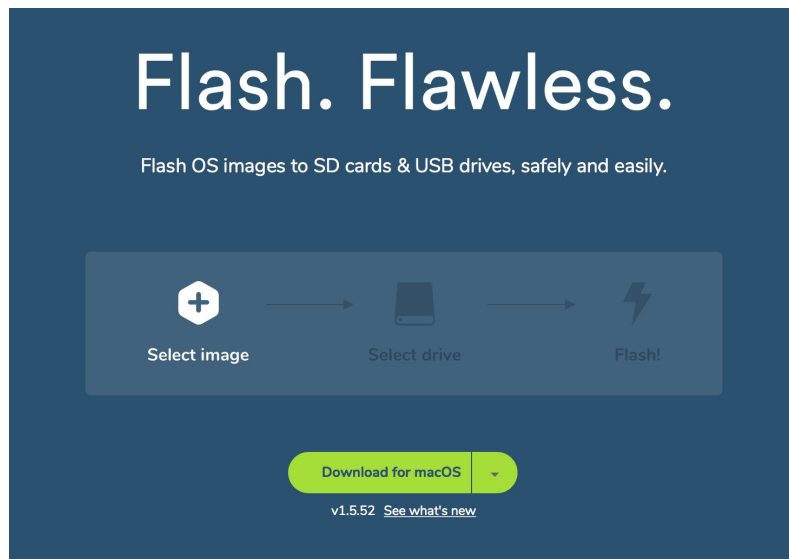


- a. Remove the right-upper side cover and locate the SD card holder.
- b. Remove the SD card from the socket.
If your SD card is **not** located here, proceed with step 1C
If your SD card has been successfully removed, proceed with step 2



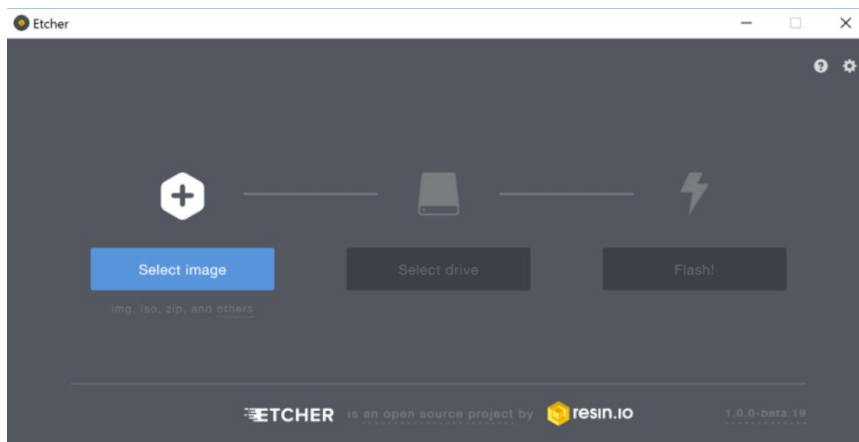
- c. After loosening the 6 bolts, remove the backpanel.
- d. Locate the SD card inside the Raspberry PI on the op left.
- e. Remove the SD card.

Step 2 Installing Etcher to Flash SD card



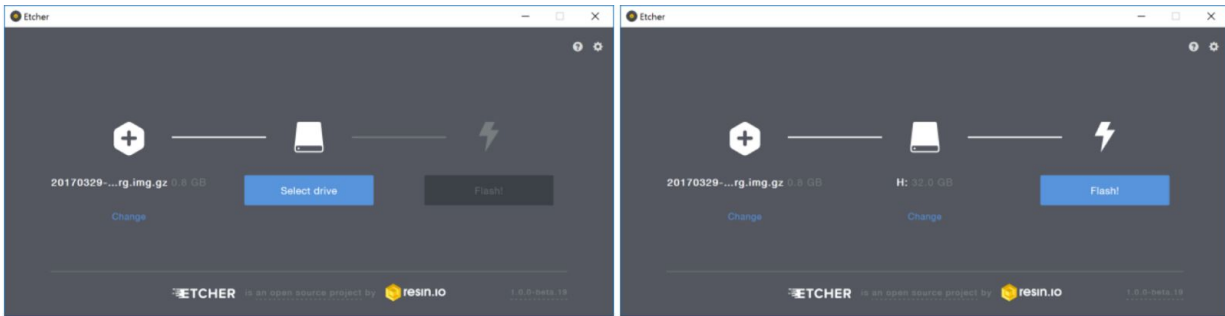
- | | |
|----|---|
| a. | Download and install Etcher from https://etcher.io/ |
| b. | Insert the original SD card provided with your Leapfrog Bolt 3D printer into your computer. If your computer does not have an SD card slot, you can also use an external card reader. You may need to use a micro SD adapter. |

Step 3 Selecting the image



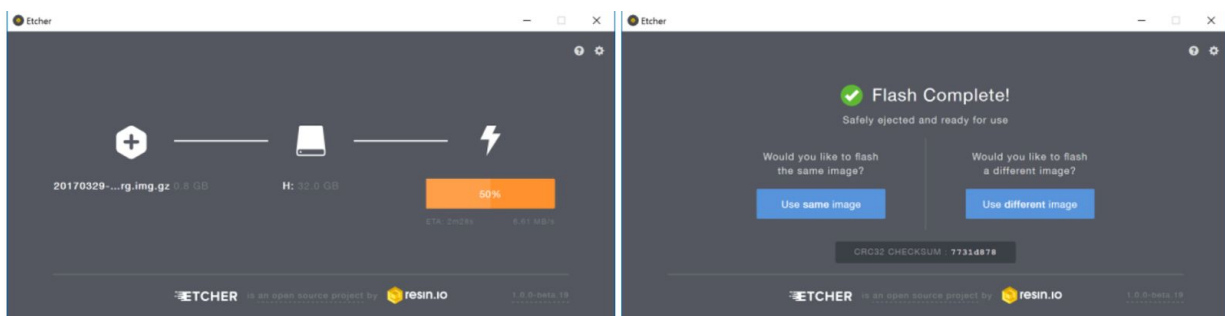
- | | |
|----|---|
| a. | Start Etcher and click on 'Select image'. Locate the image file on your computer. |
|----|---|

Step 4 Selecting the correct drive



- a. When you have located the image file, your SD card should be automatically selected. If not, click on 'Select drive'.

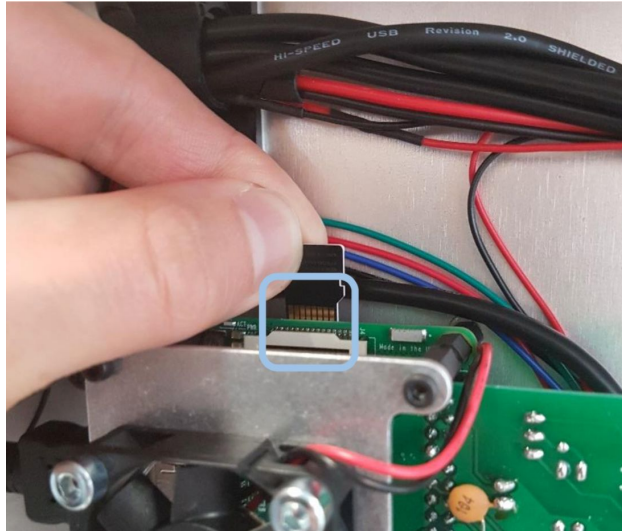
Step 5 Start to flash your SD card



- a. Click on 'Flash!' to begin the process. Be sure not to remove the SD card until the process has completely finished.

Step 6

Re-install the SD card into your machine

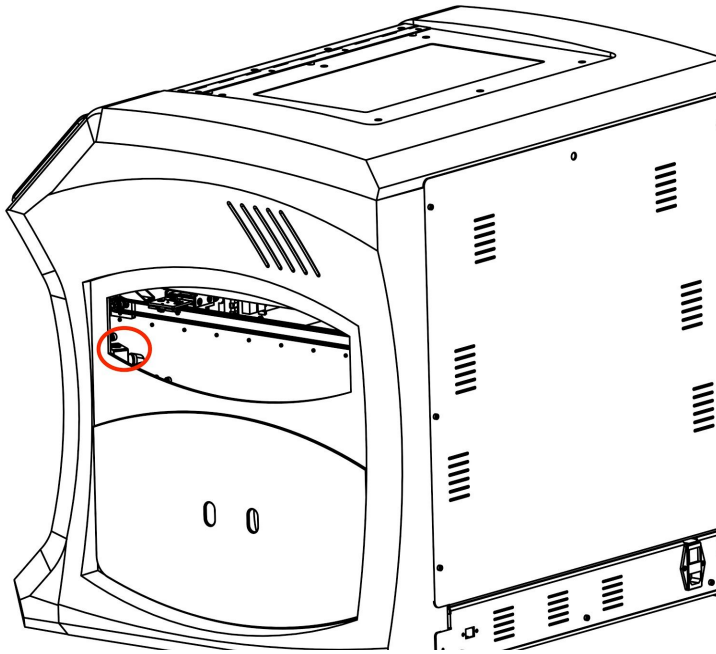


- | | |
|----|--|
| a. | Remove the SD card from the computer and insert it into your 3D Printer. |
| b. | You can now boot-up your printer |

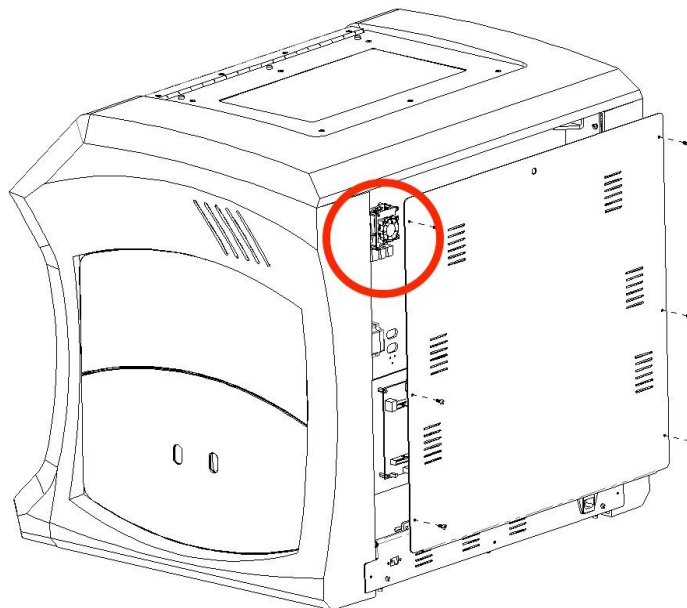
Step 7 Calibrating the display


a. Determine where the SD card was located at step 1

Possibility 1: Behind right-upper side cover:
Proceed to step 7C



Possibility 2: Behind the backpanel in the upper left corner.
Proceed to step 7B



b.	<p>Your display needs to be re-calibrated.</p> <ul style="list-style-type: none"> ● Please make sure the backpanel is removed ● Switch the machine on (display might show rotated / disturbed UI) ● Remove all USB cables from computer, wait 5 seconds, re-insert them.  <ul style="list-style-type: none"> ● The machine will now re-calibrate the display. This procedure takes about 2 minutes. The machine will reboot a few times during this procedure. After finishing the procedure the machine will boot up with the display calibrated properly.
c.	<p>In case your back plate was removed (step 1C), it can be mounted back on again using the 6 bolts and hex allen key 3. Also the right-upper side cover may be placed back.</p>