Tightening the LED screen on the PCB

Purpose
Correct procedure for tightening the screen to the PCB. If too loose the screen will not display correctly.

Diagram

Tools
Cross-head driver
Combination 4mm spanner
Method

Step 1
Disconnect the power lead, unscrew and detach the side panel from the controller casing using a cross-head driver.

Step 2
Slide the PCB and top panel out slightly so that you can access the back of the PCB board.
**Step 3**

Turn over the unit to reveal the back of the PCB and locate the 4 nuts in the centre which attach the screen to the PCB board.

**Step 4**

Using a combination 4mm spanner, tighten all 4 nuts starting from the inside nuts first.
**Testing**

Connect the power lead to the controller unit. Power on the PCB into bootloader mode (by holding down the bottom button on right side of PCB during switching on, as shown in Figure 1) and check the screen lights up without any missing vertical lines.

If screen fails this test, contact Bits from Bytes online using the ‘ticket request system’ found on the support tab: [http://www.bitsfrombytes.com/content/welcome-bits-bytes-support-page](http://www.bitsfrombytes.com/content/welcome-bits-bytes-support-page)

![Press the ‘on’ and ‘Y-‘ buttons together](image)

*Figure 1: To get to bootloader mode, turn the screen on at the same time as pressing the Y- button.*