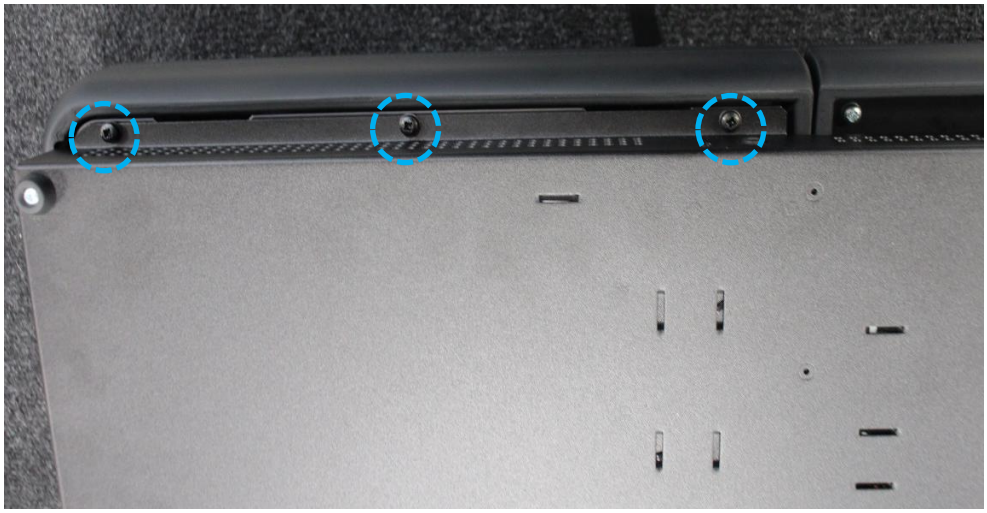
Avolites LTD Engineering Change Notice

ECN title	D7 Power Button Stand	
ECN Number	ECN-0220	
Related Products	D72-00001 – D72-00087 D73-00001 – D73-00023	
Date / Author	23/07/2025 GK	
Reasons for ECN	Power button stuck under metalwork	
Parts required	1x Dx Power Button Stand (1358-0156) 1x SCREW M3 X 10 PAN SUPA SEMS Z/CLR (0210-2102SM) 5x CABLE TIE 98x 2.5 Black (04-03-0043)	
Tools required	Drivers: PZ1 thin blade, PZ2, 2mm HEX Side cutters	
Estimated time	30 Minutes	

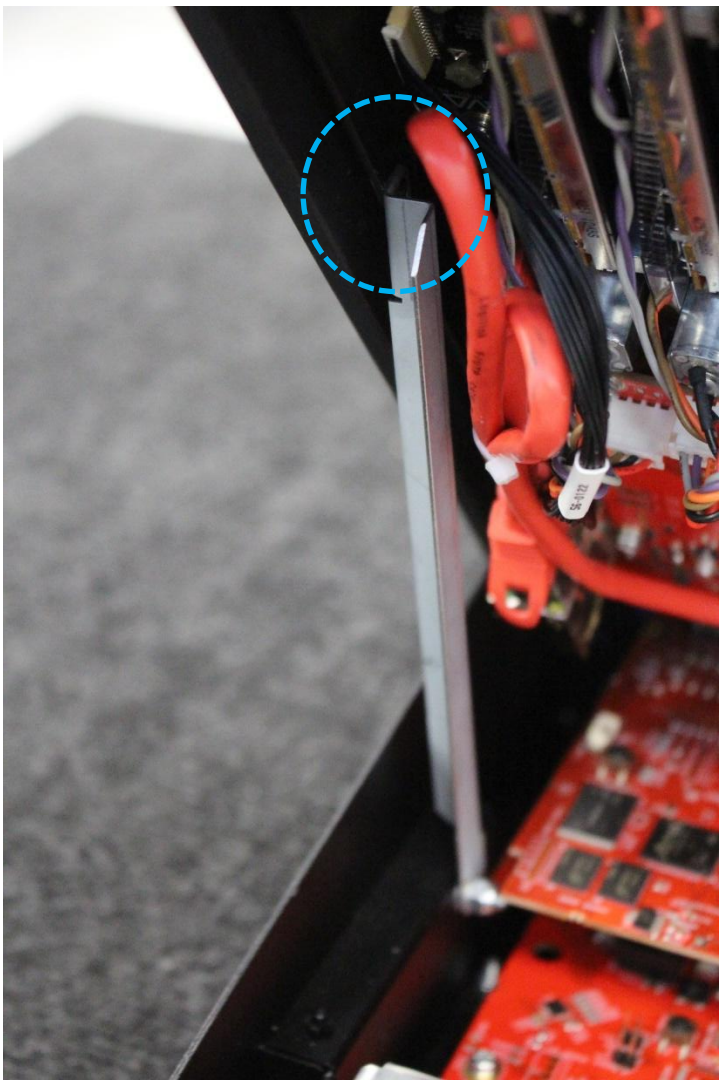
1. Opening the console

a. *Unscrew the M4 black screws under the left hand side trim*



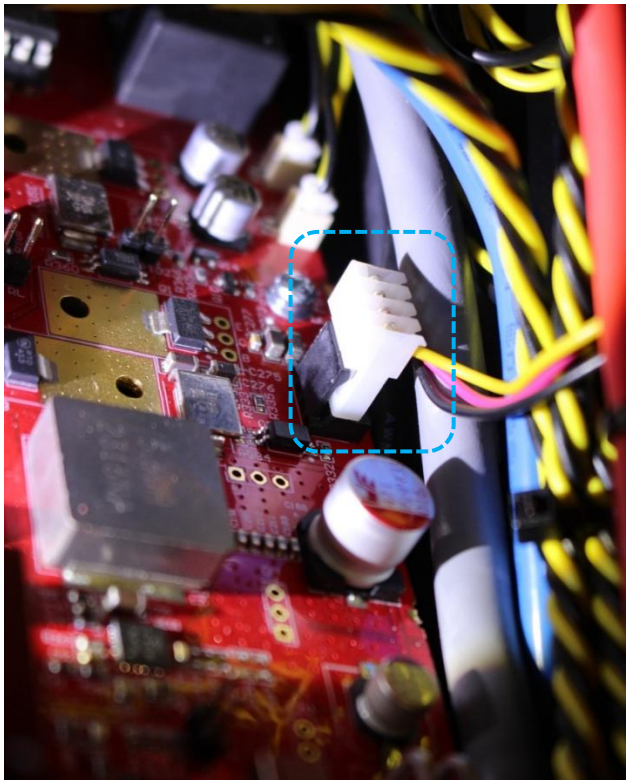
b. *Open the keyboard drawer then unscrew the M4 CSK screw*

c. *Keep the keyboard drawer opened then secure the Program Panel on the Panel stay*

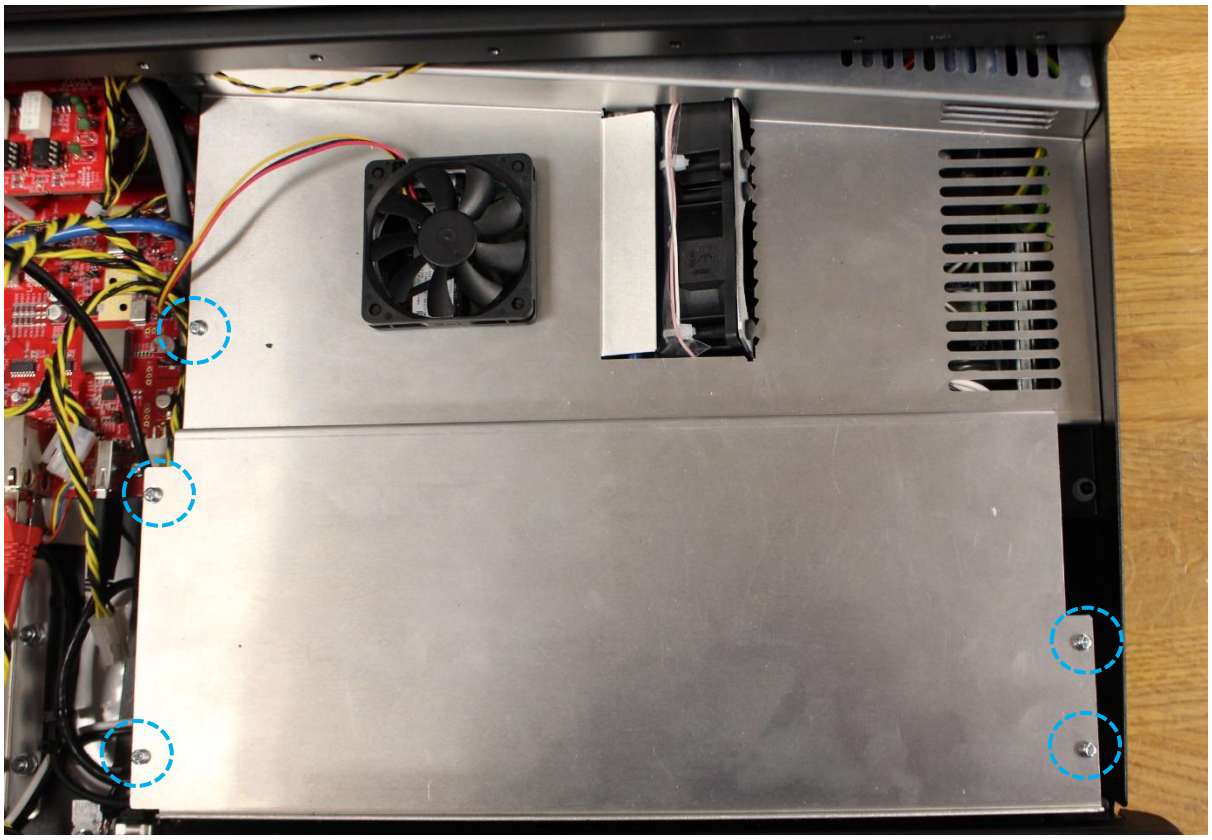


2. Fitting the Power Button Stand under the pcb

a. Disconnect the fan loom from the **RAM_FAN** port on SIO board



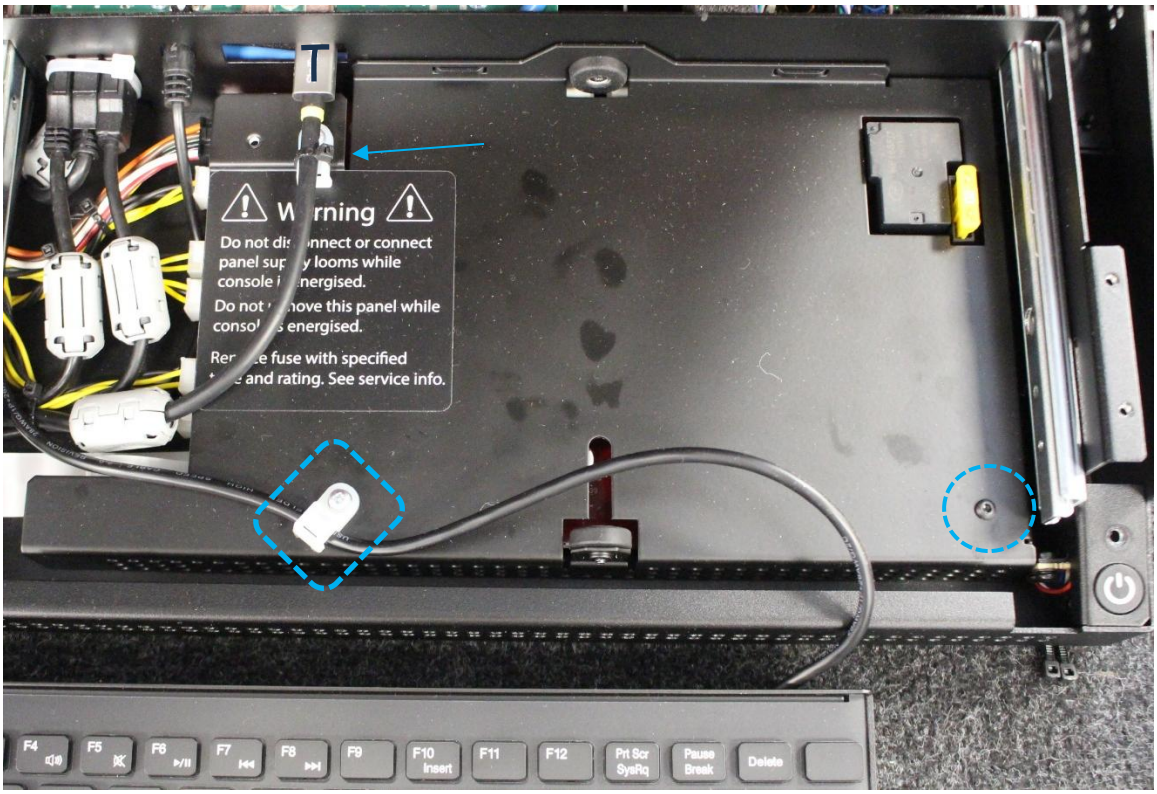
b. Unscrew 5x SCREW SEMS M3 X 6 PAN SUPA then remove the Internal Cover
c. Place the Internal Cover on the side of the console with the Earth loom connected (picture on the next side)



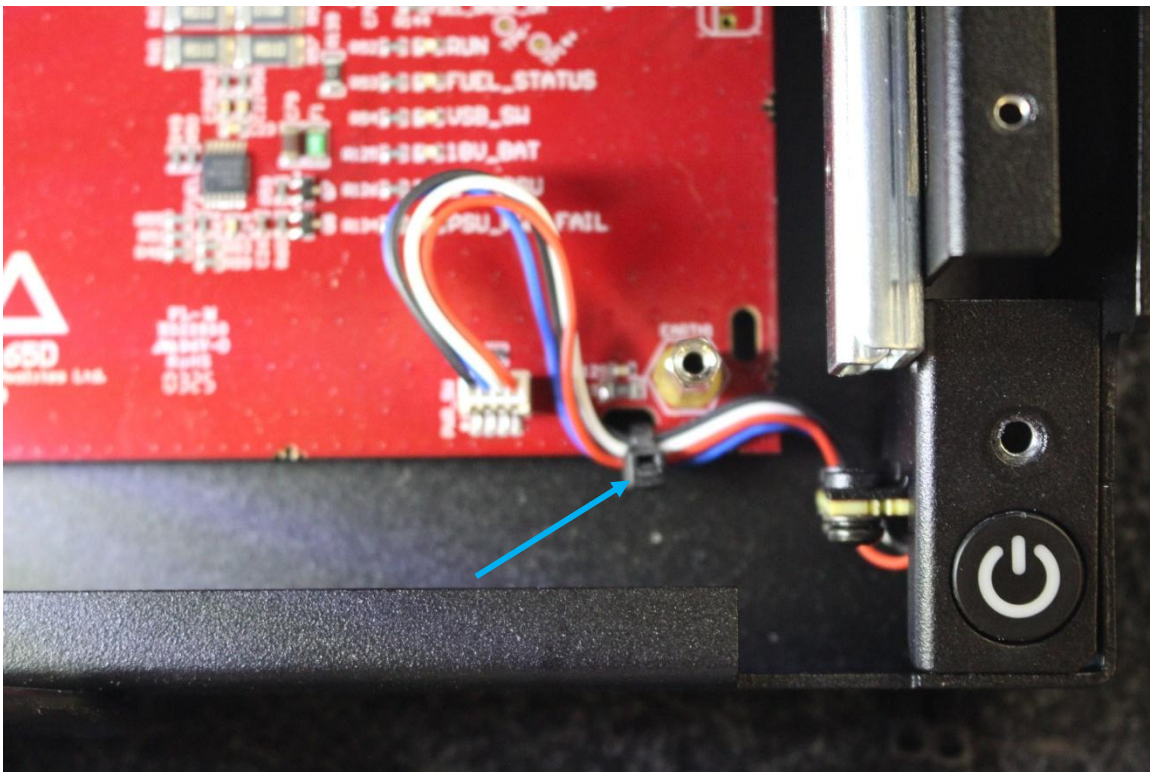
Internal Cover on the side on the console

d. Unscrew the 3x Socket Head Button Screw on each side

e. Place the keyboard in the front of the console
f. Unscrew the screw and remove it with the D-shape base (square)
g. Mark the USC-C cable - **T** - (Top). The cable orientation is important.
h. Cut the cable-tie (arrow) then remove the USB-C cable from the port
i. Unscrew the Socket Head Button Screw (circle)

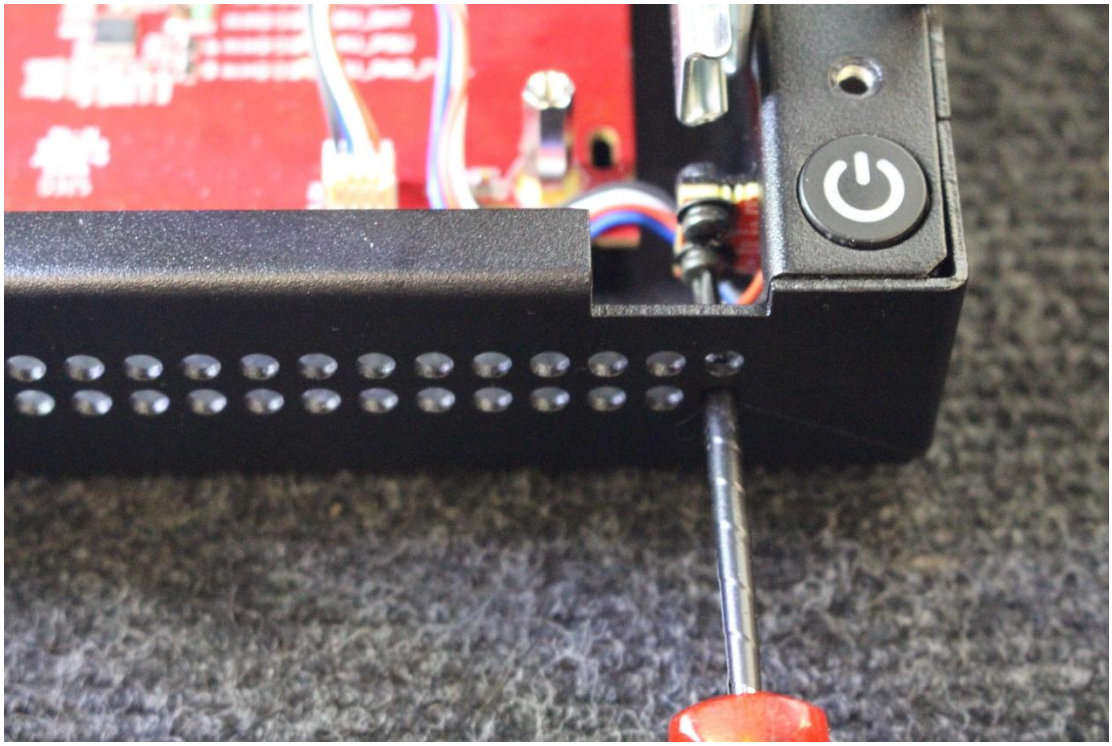


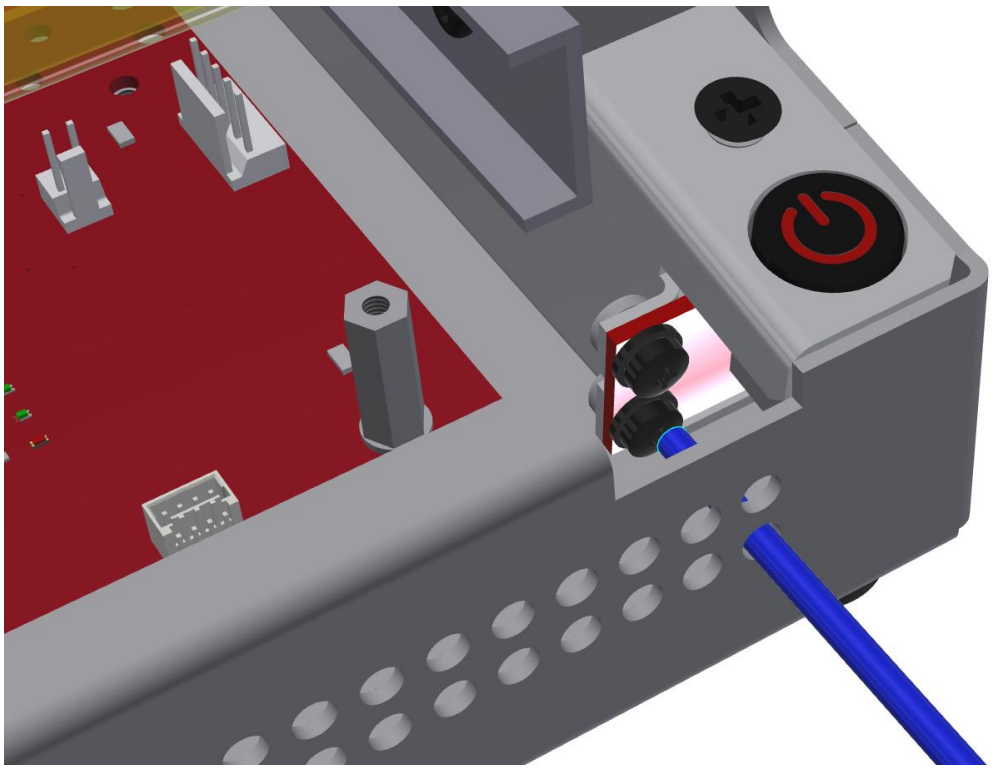
j. Remove the UPS Cover then carefully cut the cable-tie



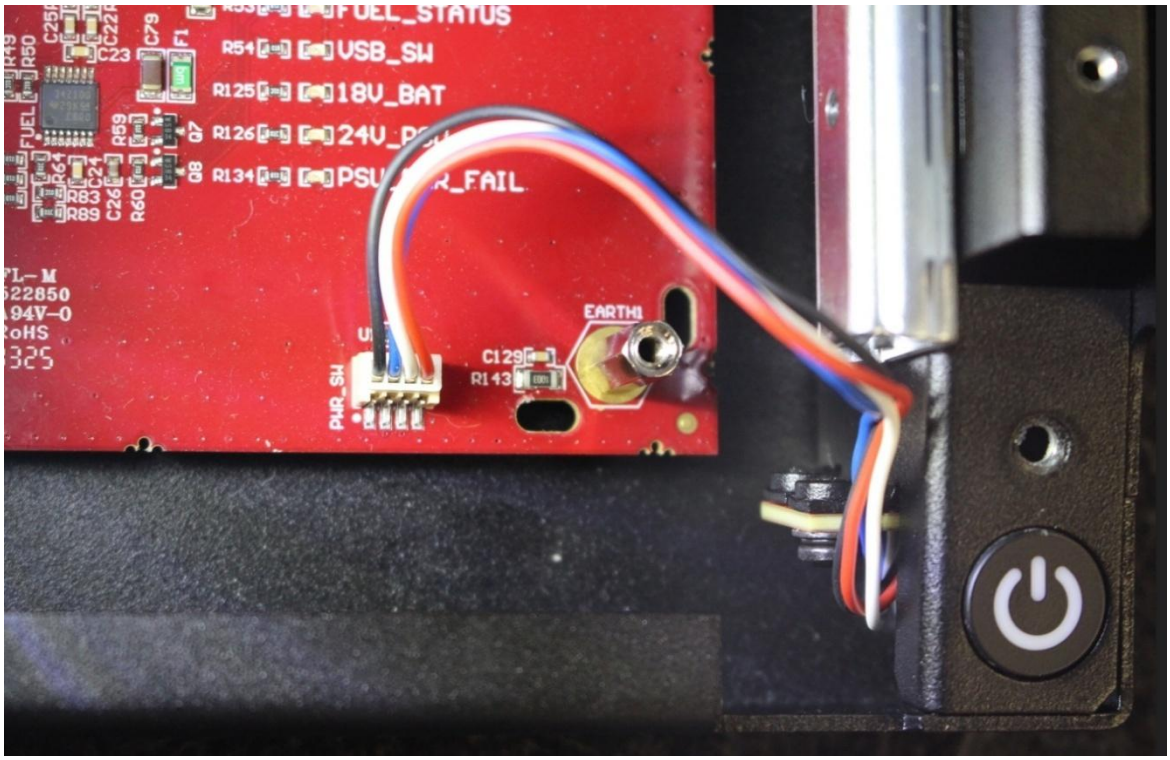
k. Remove the bottom screw holding the Power button pcb.

Insert the driver through the bottom/right vent hole

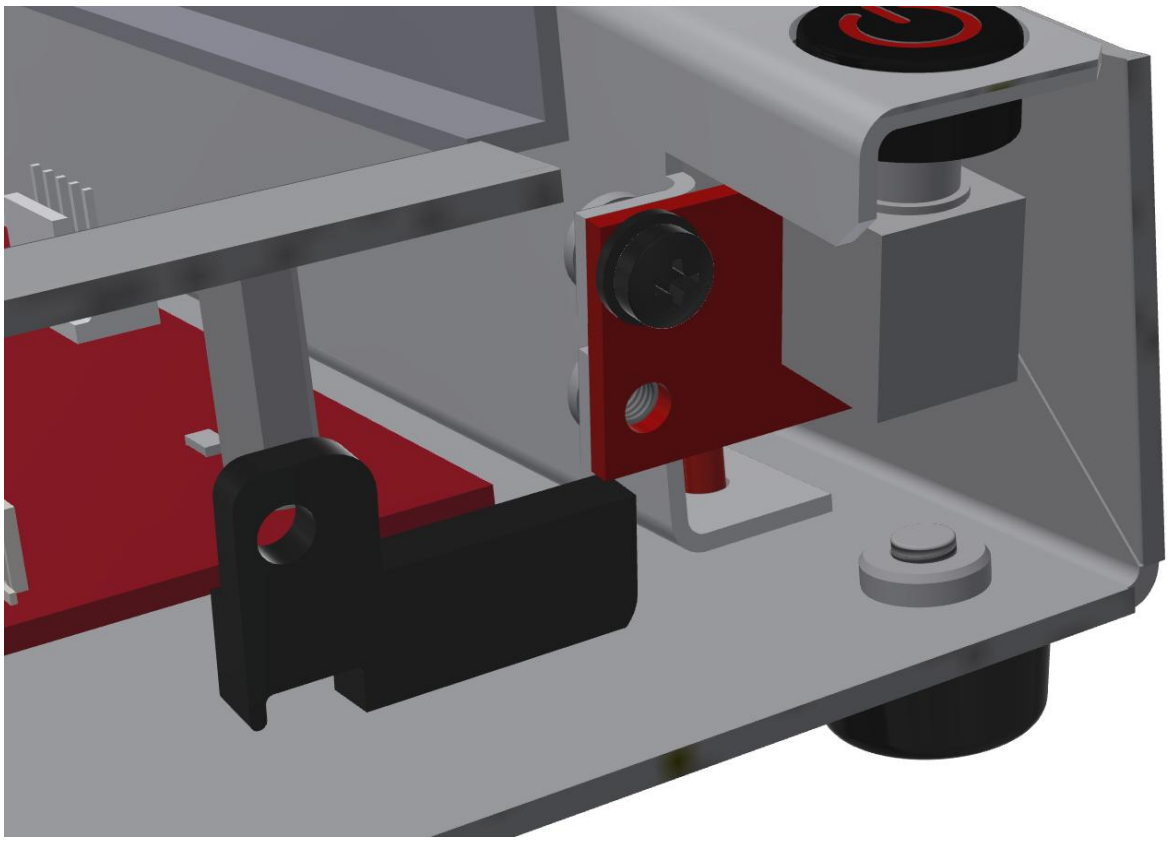




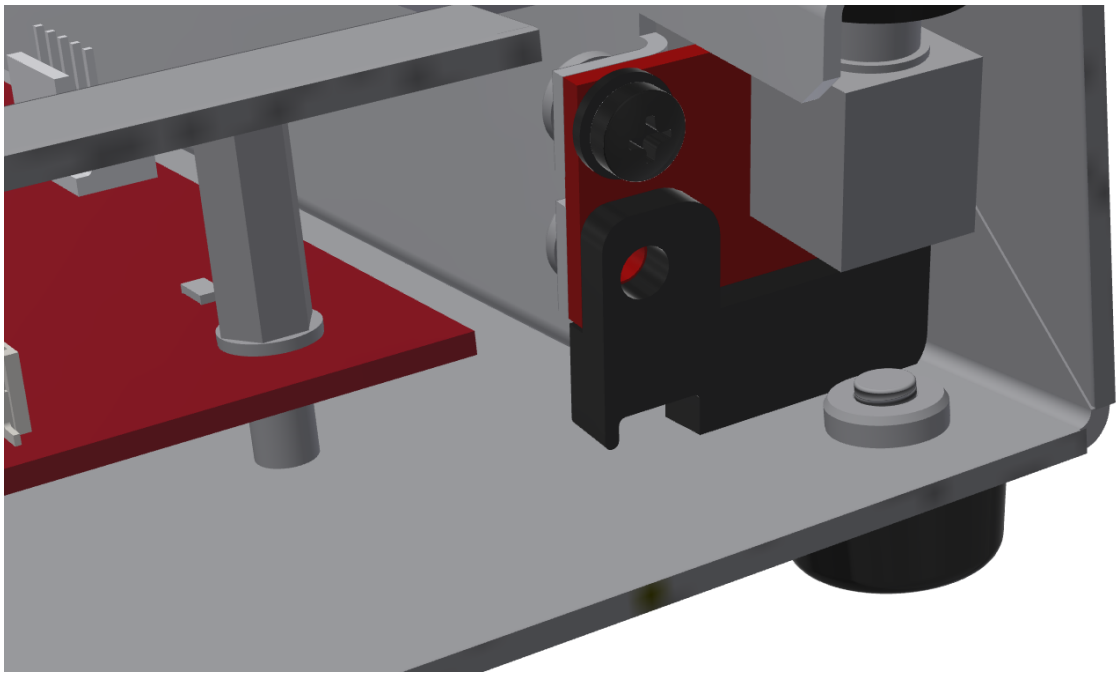
l. Remove the loom from the bottom of pcb and place it on top of pcb

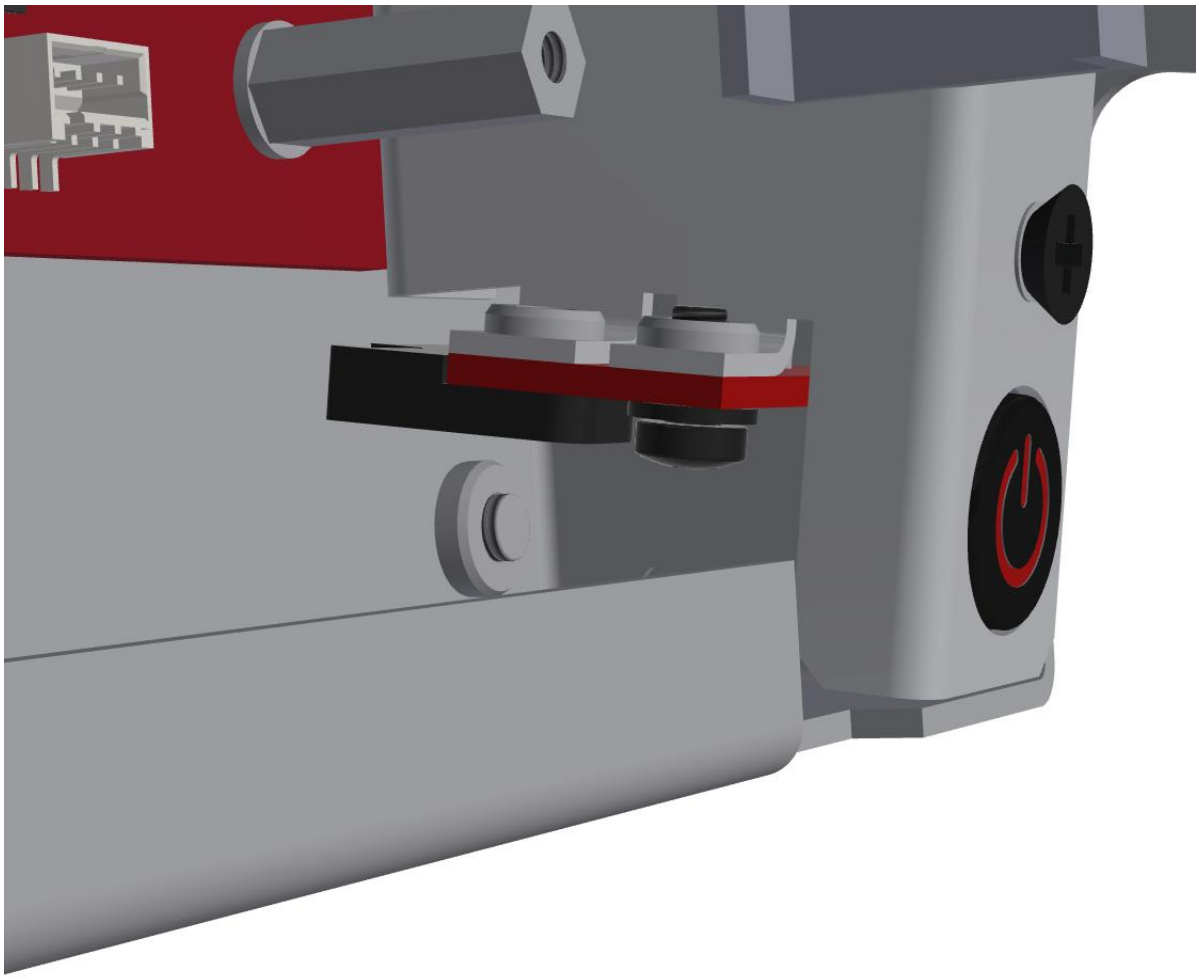


m. Place the Power Button Stand at the shell as shown

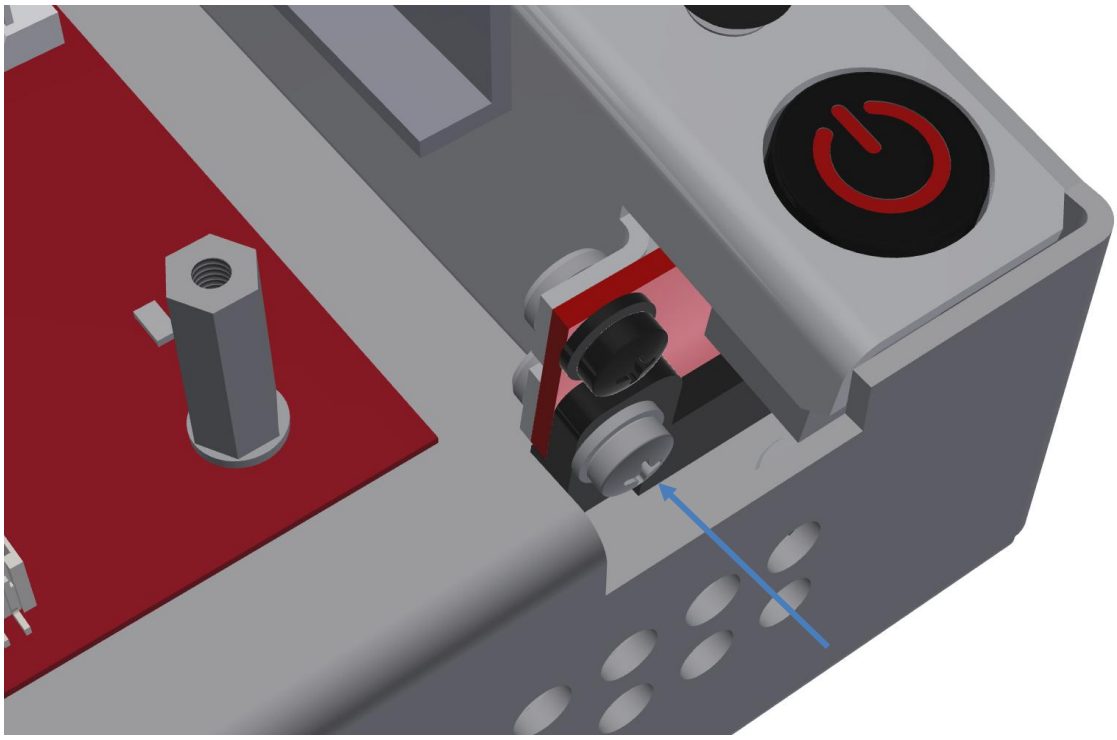


n. Slide the Power Button Stand under the Power button pcb

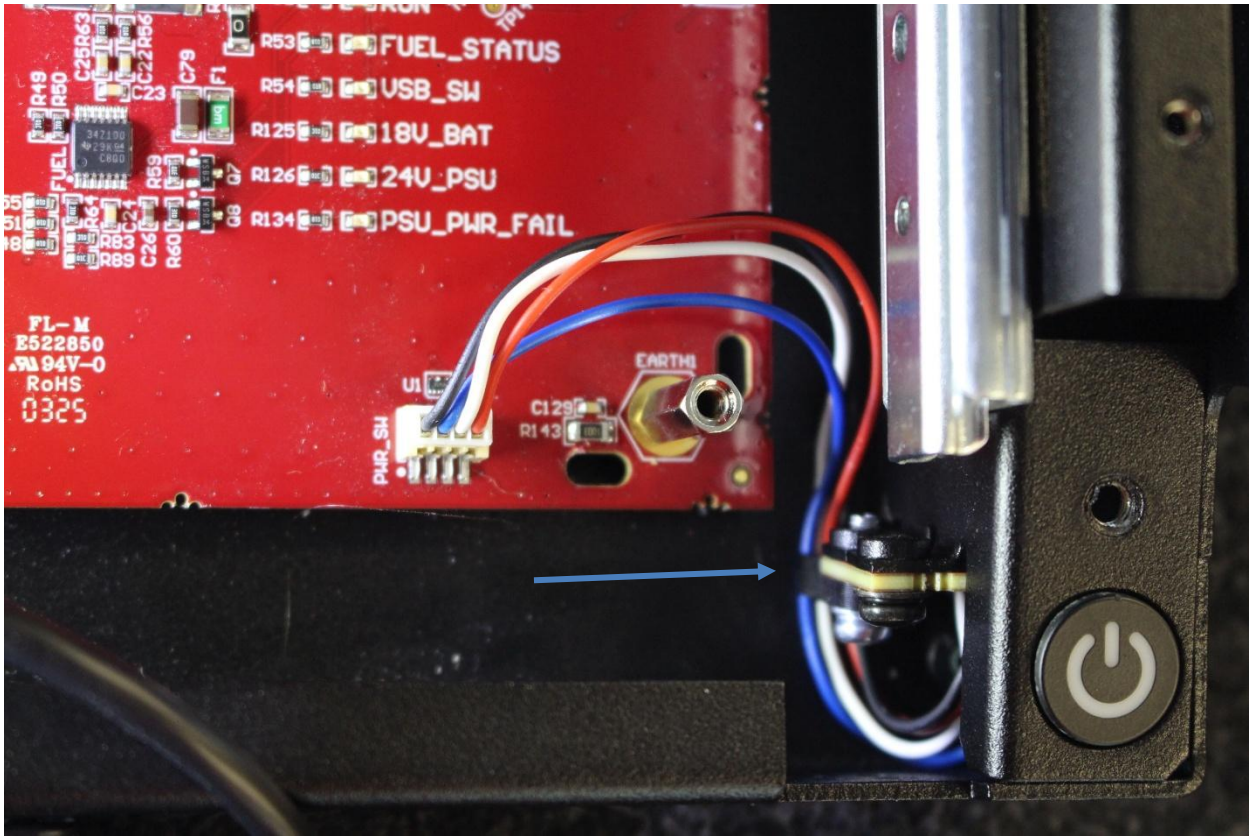




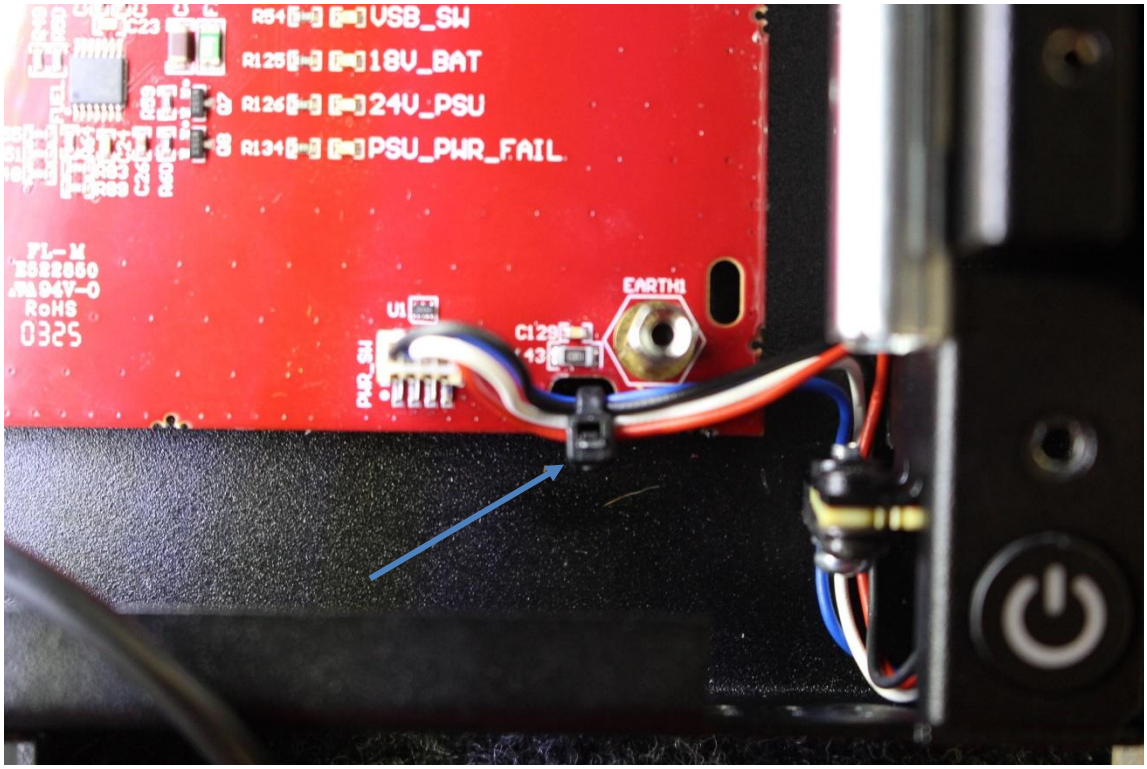
o. Secure the Power Button Stand with supplied SCREW M3 X 10 PAN SUPA SEMS Z/CLR (0210-2102SM)



p. Route the looms under the Power Button Stand as shown

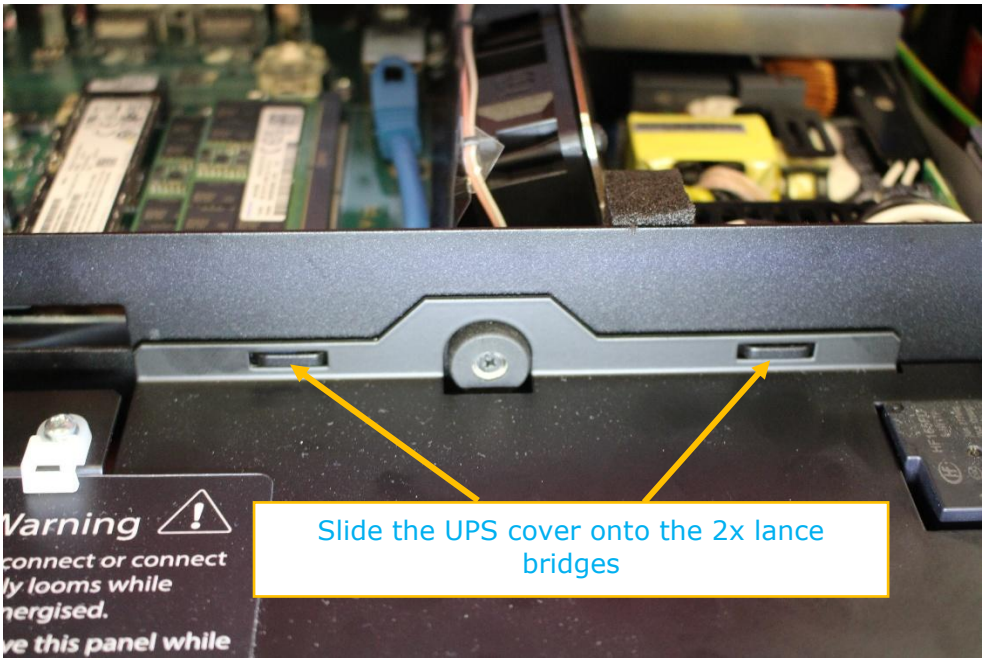


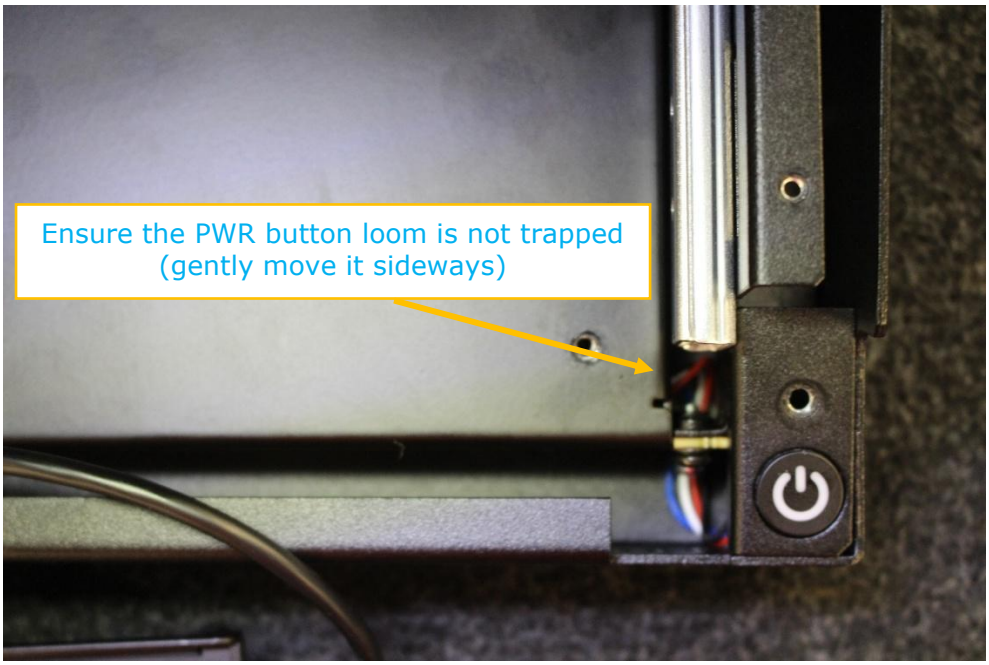
q. Route the looms as shown then cable-tie to the pcb



3. Closing the console

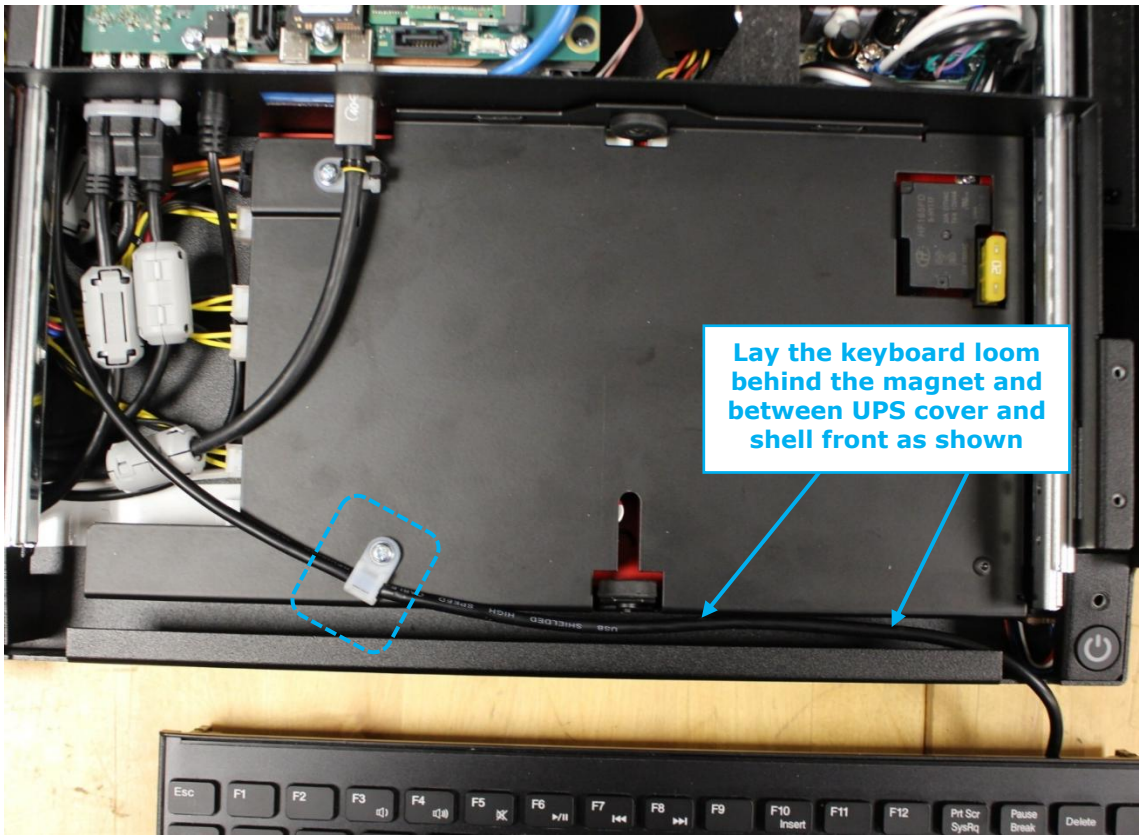
a. Place back the UPS Cover





b. Secure the UPS cover with 1x Socket Head Button Screw M3 x 5mm
c. Fix the 4MM HOLE CABLE TIE BASE D SHAPE with Sems SCREW M3 X 8 PAN SUPA ZN/CLR on UPS cover as shown onto the Keyboard cable
d. Connect the USB-C port to the left USB-C port on motherboard with marked **T** side on the top
e. Secure the USB-C cable with cable-tie

f. Lay the keyboard loom as shown



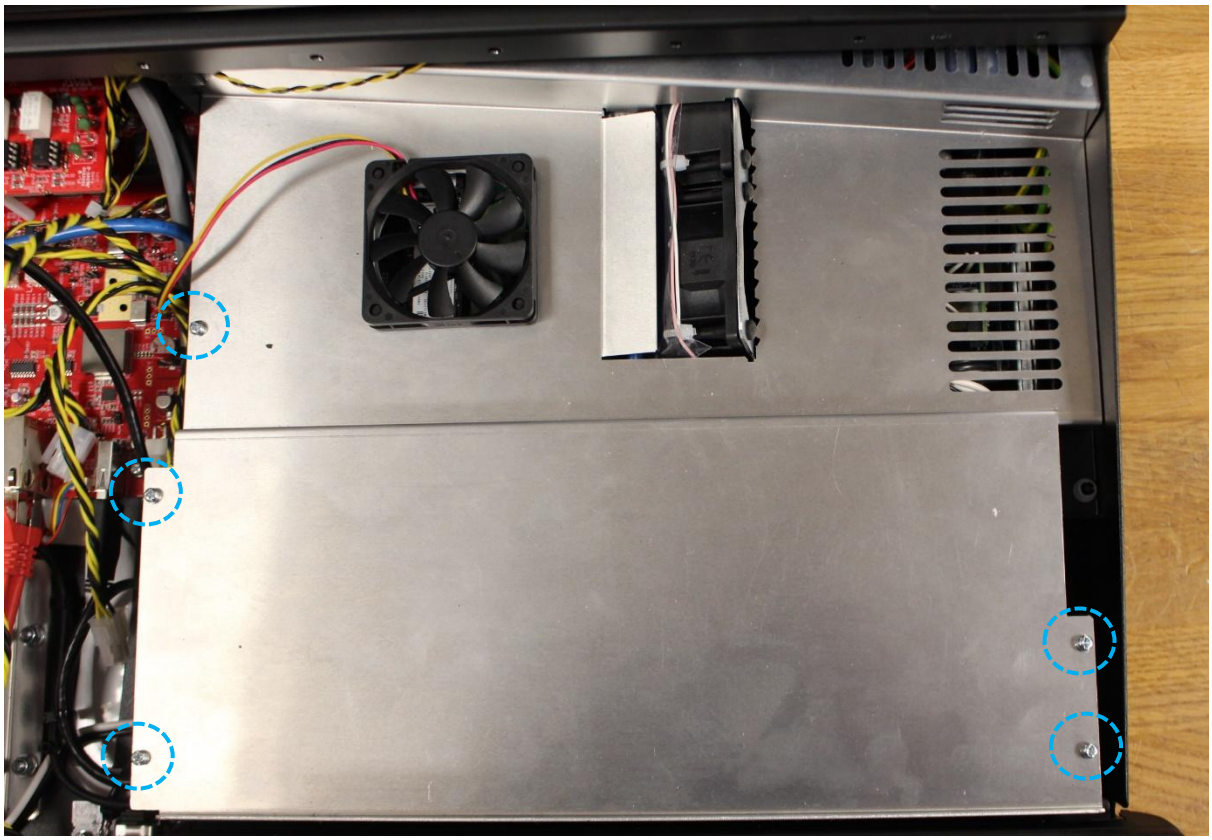
g. Fix the Keyboard to the slides with 3x Socket Head Button Screw M3 x 5mm on each side

Check that the keyboard draw is moving freely

Check that the keyboard draw is hold by the magnets on both ends

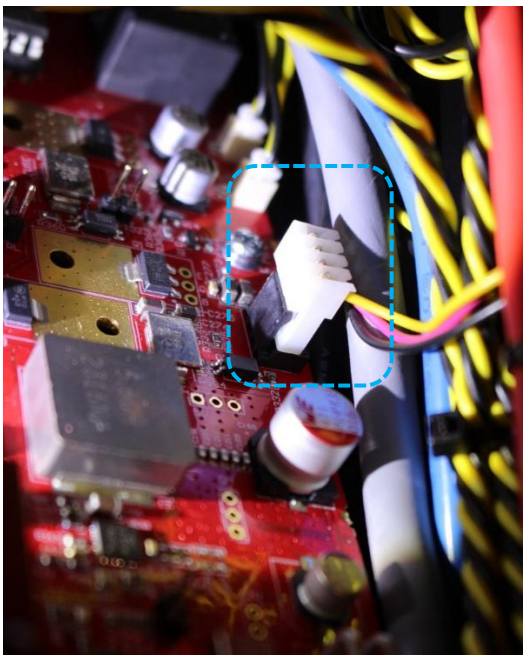
r. Secure the Internal Cover with 5x SCREW SEMS M3 X 6 PAN SUPA

Check that there're no cables trapped between the Internal Cover and the Shell



s. Connect the fan loom to **RAM_FAN** port on SIO board

Route the fan loom under the red RJ45 cables



t. Keep the keyboard drawer opened then release the Program Panel from the Panel stay
u. Fix the Program Panel with the M4 CSK screw

Ensure the Power Button is moving freely and is not stucking - arrow

v. *Fix the Program Panel with M4 black screws under the left hand side trim*