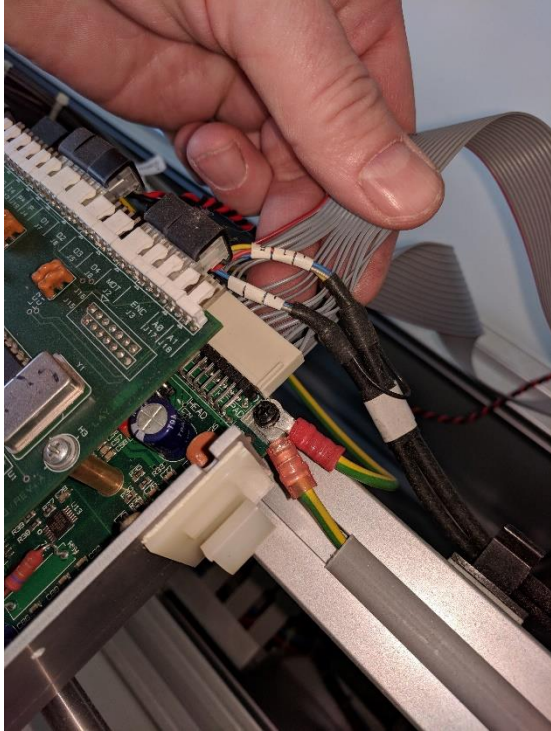


Replacing the keypad and PCB

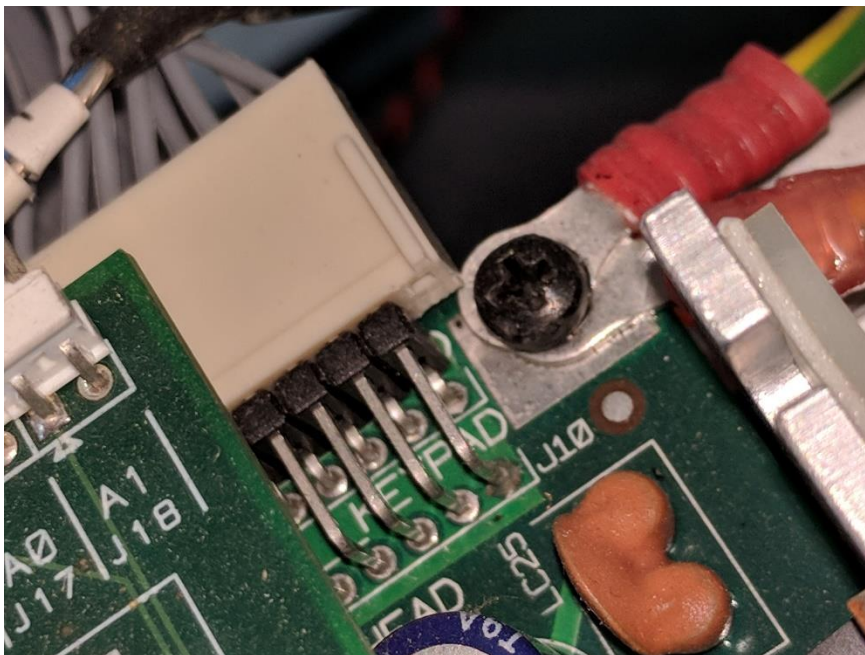
To replace the machine keypad and PCB you must first remove the right-hand side pod. To do this you should remove the bolts, two at the side and also front and rear of the pod. Great care must be taken not to pull the side pod away from the machine too fast. This is because the control panel is attached to the motherboard with a pair of short ribbon cables. These must be detached prior to removing the side pod completely so having some help to do this is recommended. At this point it is a good idea to photograph the connections before removal to aid in the refitting later.



The keypad can be changed like for like. You may need to loosen the bolts that hold the LCD screen in place though you do not need to remove the screen completely. Take care not to touch the rear of the LCD screen. Once the PCB has been removed you can pull the rubber membrane out. Replace the membrane with the new one and ensure that all the buttons protrude through the holes correctly. Fit the PCB with the cable at the bottom and lock in place using the clamp and securing screws. If a plastic cover is used place this under the clamp between the PCB and the securing screws.

When refitting the side pod, again it is advisable to have someone to help. The ribbon cables fit with the red line to the right-hand side of the motherboard connectors. The thicker (and usually darker) ribbon cable that is connected to the LCD screen is connected to the bottom row of pins on the motherboard. The lighter ribbon cable for the

keypad PCB goes onto the top row. If correctly fitted with the red line to the right-hand side, there is usually one hole without a pin. Although at first glance this looks incorrect it is actually okay. If you have fitted the keypad and it is not functioning correctly, go back and check this fitting since this is the most likely cause.



The red and black wires that provide illumination to the LCD screen should be fitted to the J5, J6 or J7 connections on the motherboard. Any of these will provide the required voltage.