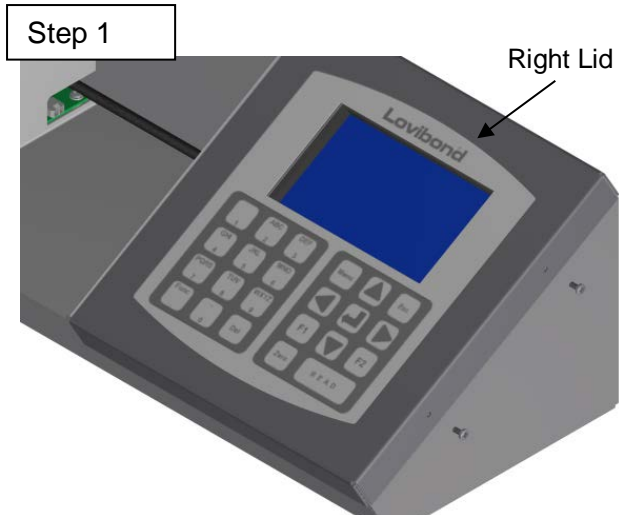


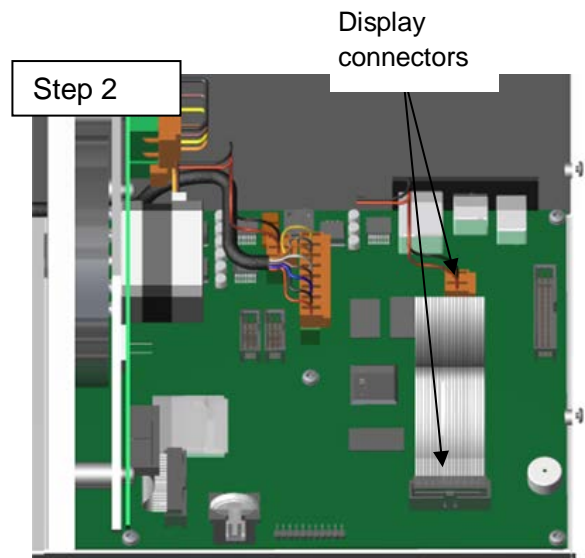
PFXi Replacement of Filter Wheel



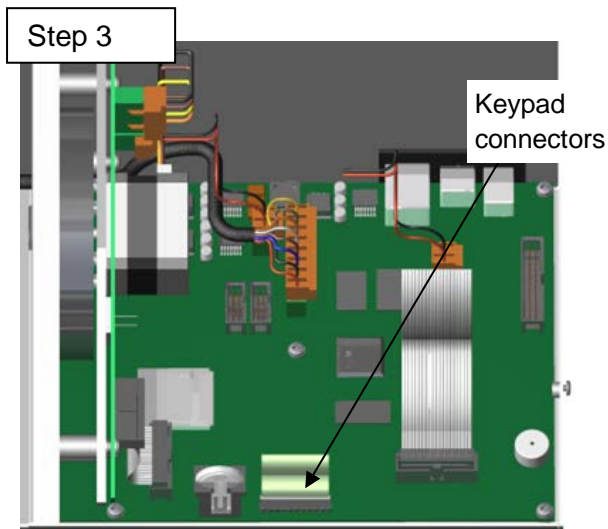
Disconnect from the power supply before continuing.



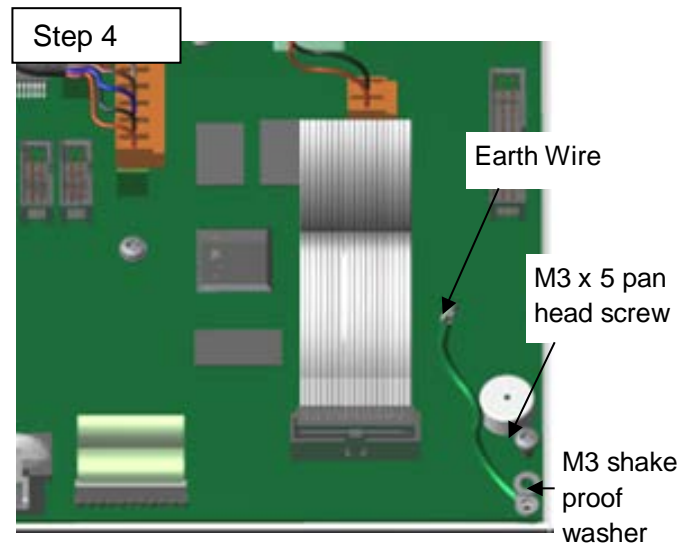
Remove the right lid carefully by removing the 2x M3 x 8 socket head screws



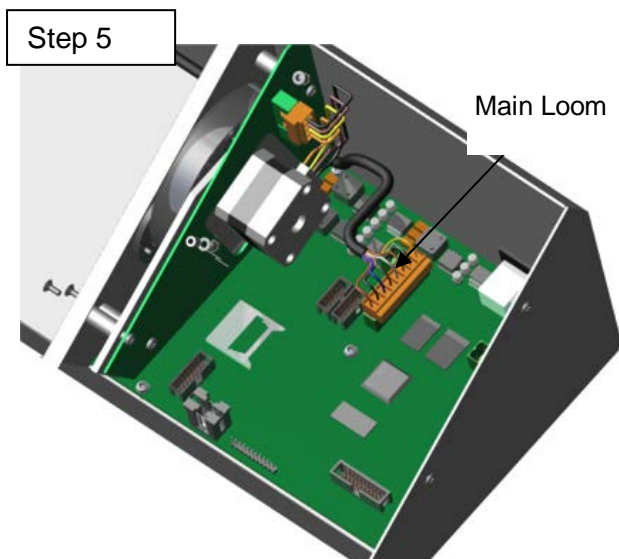
Remove the Display connectors from the connectors on the Main boards as shown.



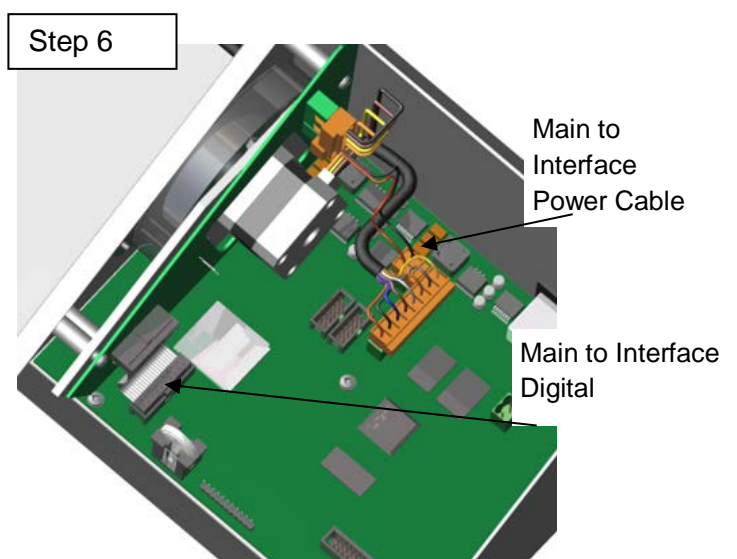
Remove the keypad connector to the connectors on the Main Boards as shown.



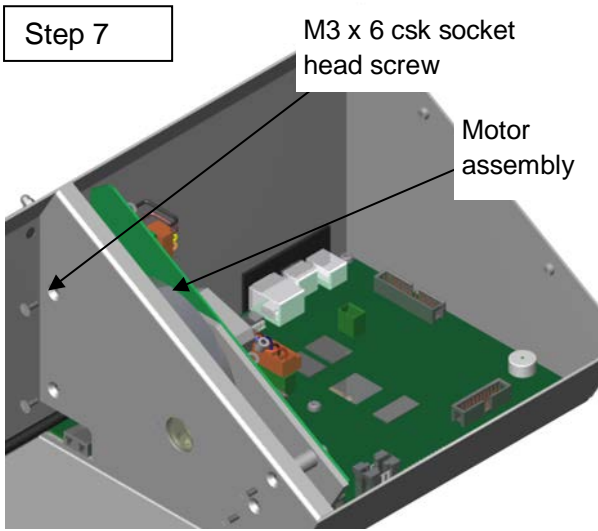
Remove the Earth Wire from the Main Board by removing the M3 x 5 pan head screw and the M3 shake proof washer as shown.



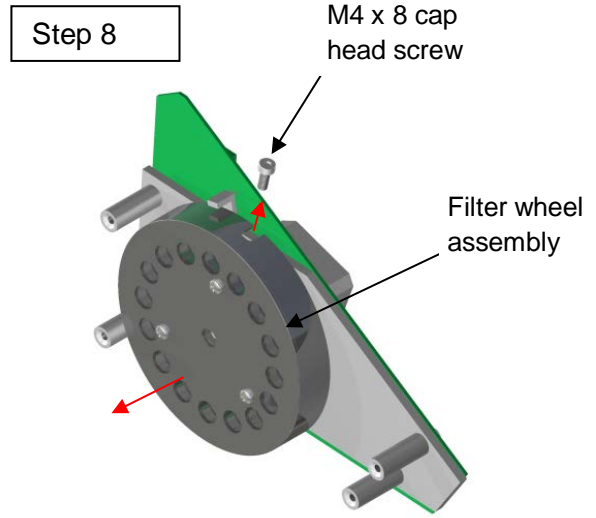
Remove the Main Loom connector from the Main Board.



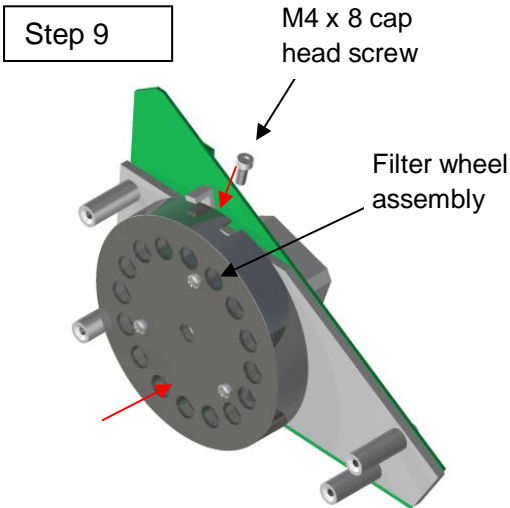
Remove the Main to Interface Power Cable and the Main to Interface Digital Cable from the connectors on the Main Board as shown.



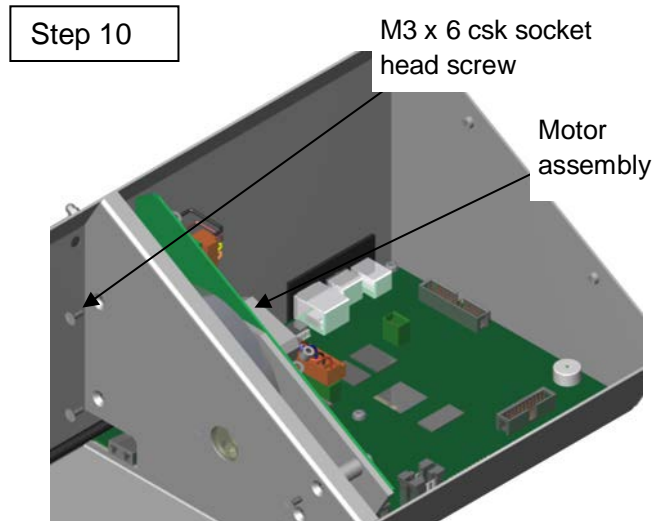
Remove the motor assembly by removing the 4x M3 x 6 csk socket head screws



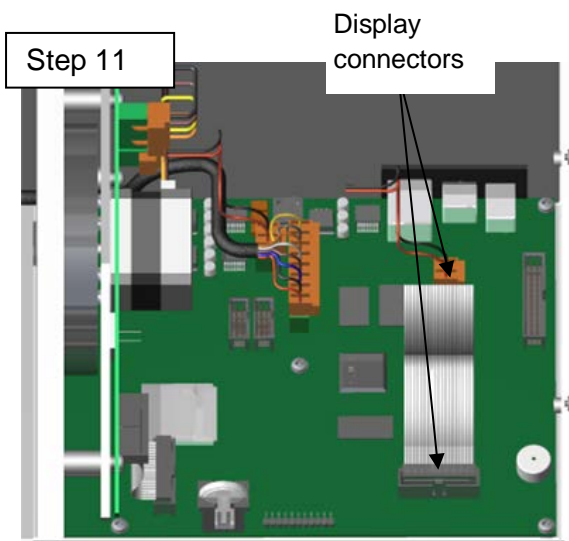
Unscrew the M4 x 8 cap head screw, then remove the filter wheel assembly from the Stepper Motor spindle.



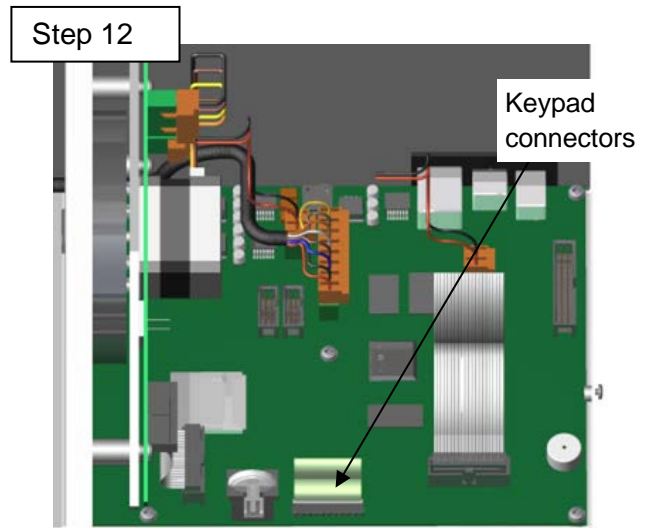
Push the new filter wheel assembly onto the Stepper Motor spindle, ensure the wheel is moving smoothly and passes through the opto switch beam, then screw down using 1x M4 x 8 cap head screw.



Replace the motor assembly by placing in position and inserting the 4x M4 x 8 csk socket head screws

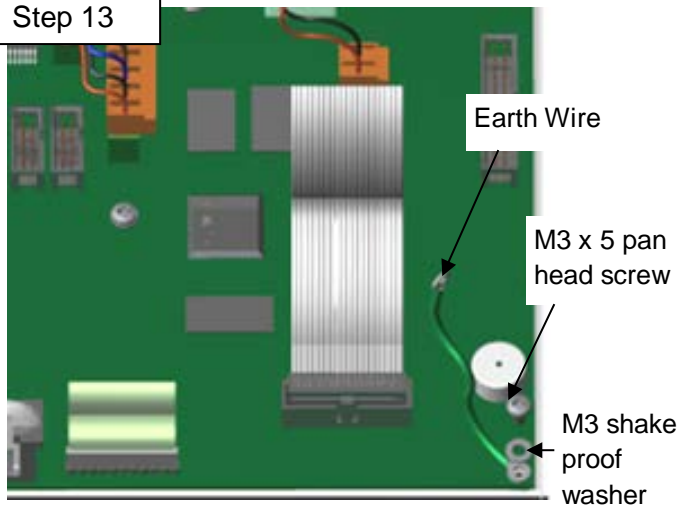


Replace the Display Connectors to the connectors on the Main boards as shown.



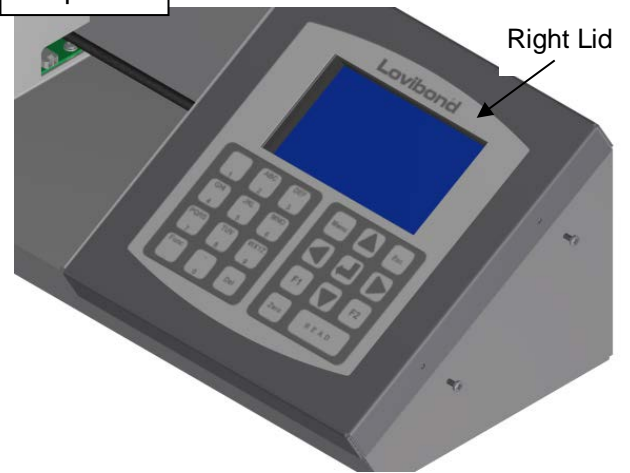
Replace the keypad connector to the connectors on the Main Boards as shown.

Step 13



Attach the Earth Wire to the Main Board by replacing the M3 x 5 pan head screw and the M3 shake proof washer as shown.

Step 14



Replace the right lid carefully by replacing the 2x M3 x 8 socket head screws.