Replacing Back Potentiometer Assy: 8000DY / 7000BY with pre-position
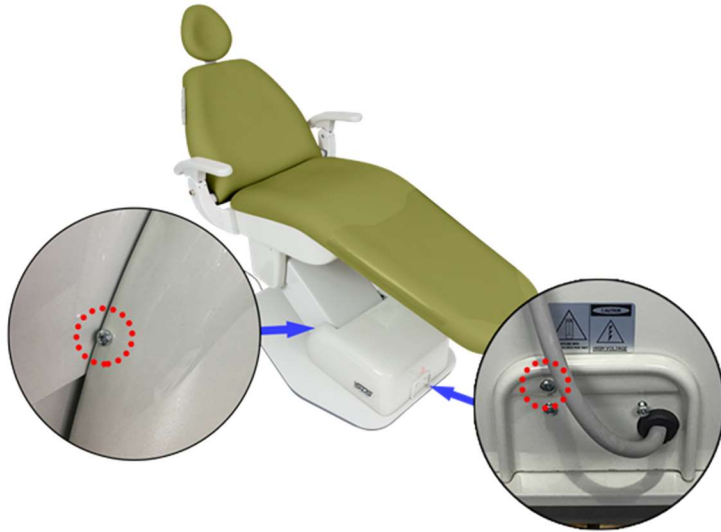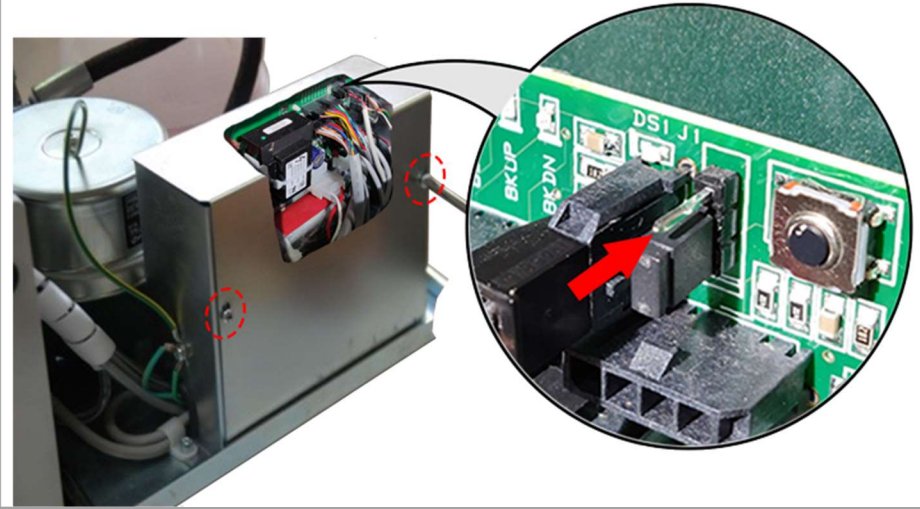
1 Remove motor cover by removing 3 screws using a Phillip screwdriver.
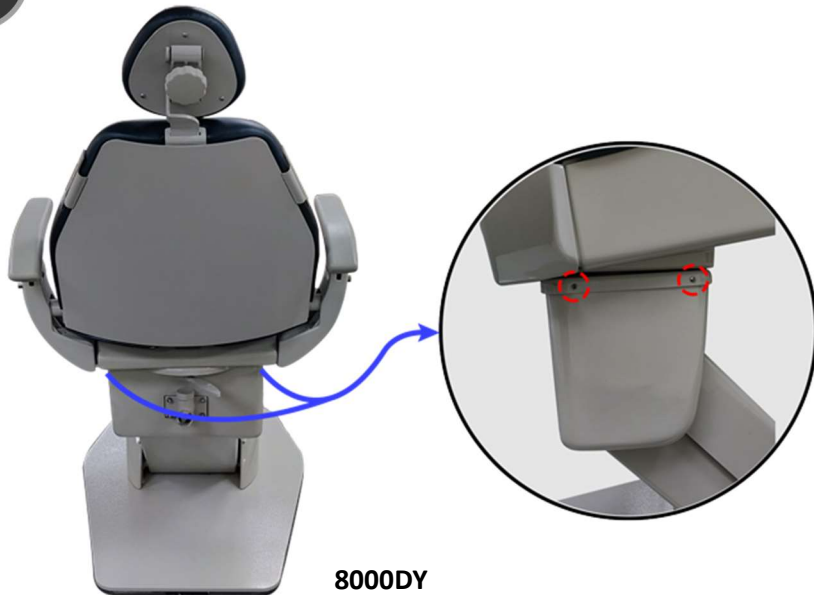

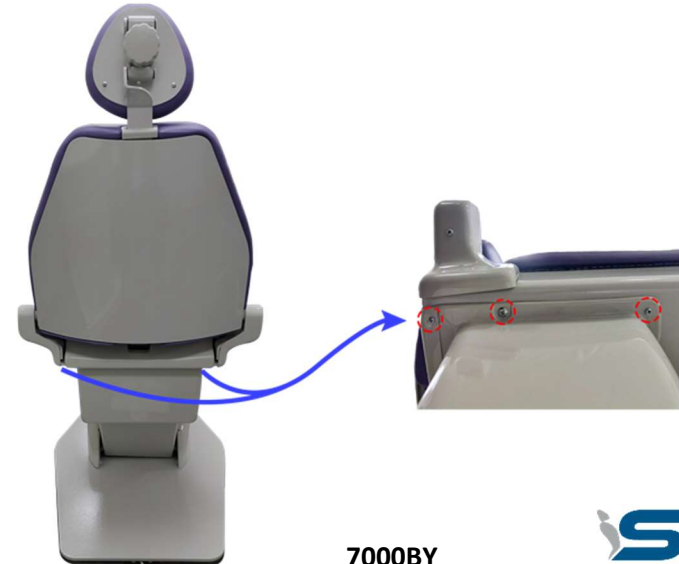**2** Remove PC Board chassis cover. And place the jumper on the lower two pins.

3 Remove the upper cantilever cover by removing four screws.

8000DY

4 Remove the upper cantilever cover by removing the four cover screws and two back upholstery screws.

7000BY

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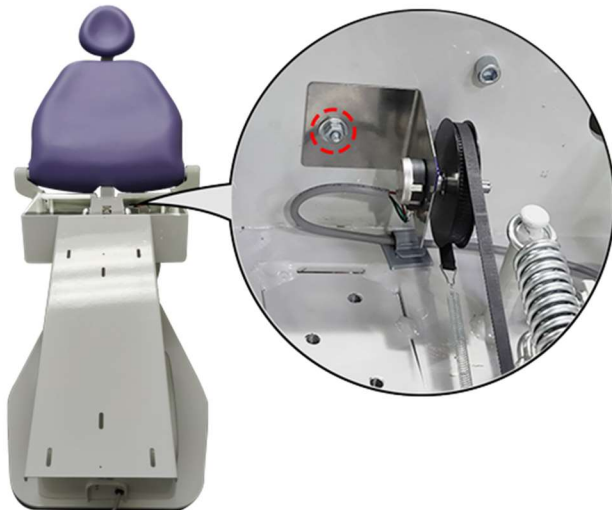# Replacing Back Potentiometer Assy: 8000DY / 7000BY with pre-position

5 Raise the chair base halfway by pressing base up function on the foot control. Remove the trip pan by pressing each corner inward to release it from the hooks.
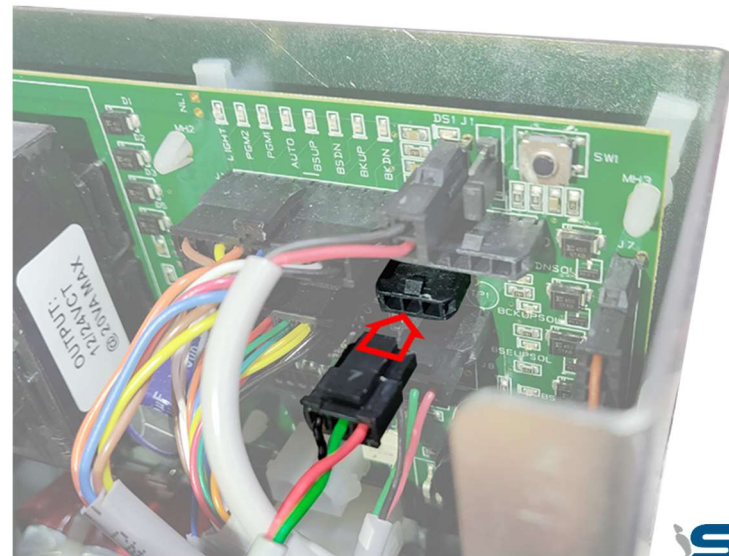

6 Remove upholstery and lift it out of the chair frame.

7 Unplug the chair. Remove existing potentiometer wire from the PC board. Release the potentiometer wire from the cable clamp on the frame of the chair. Disconnect and remove the entire potentiometer assembly.
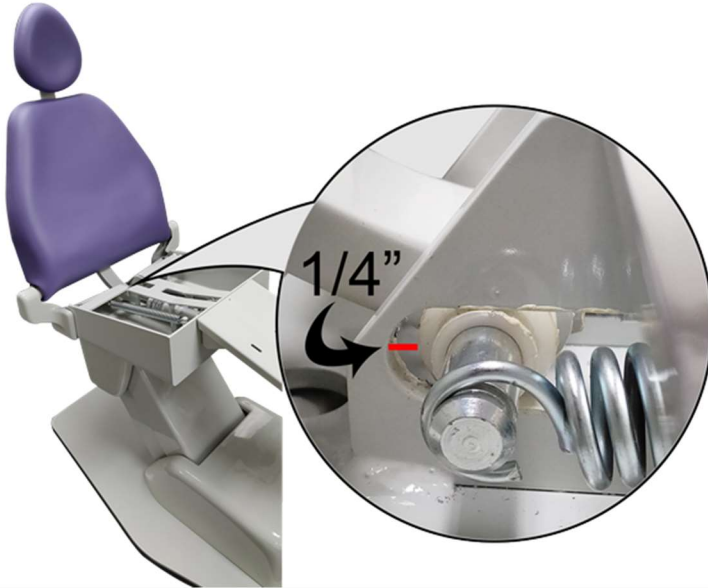

8 Plug the new potentiometer wire into the PC board.

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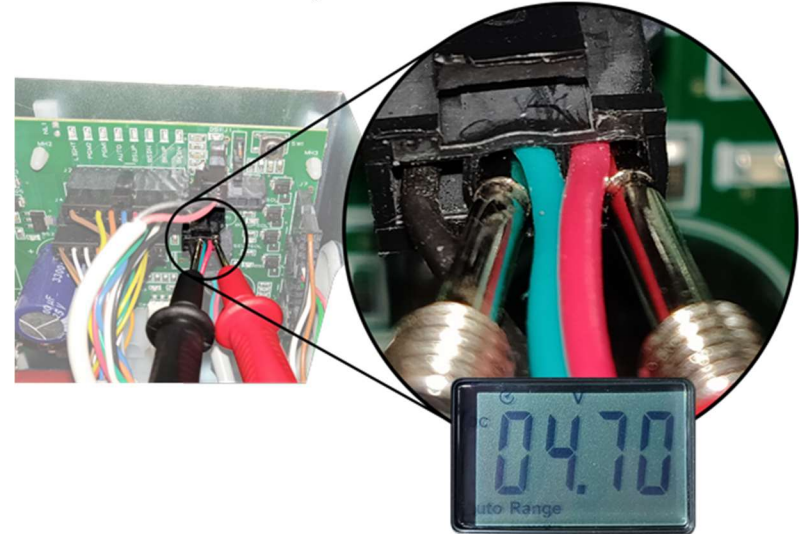# Replacing Back Potentiometer Assy: 8000DY / 7000BY with pre-position

9 Plug in the chair and raise the backrest all the way up, leaving an 1/4" gap between the nylon bushing and the guide frame.
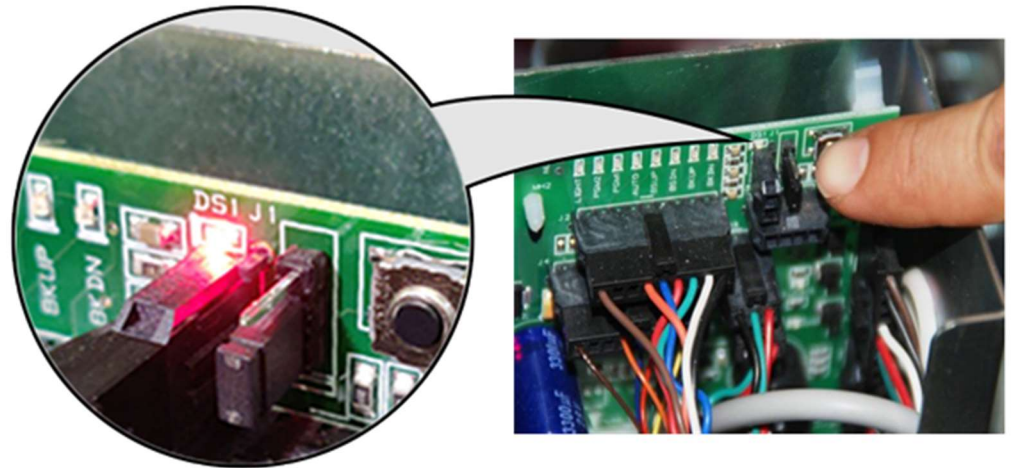
1/4"

10 Using the multimeter set to VDC check the voltage between the red and green wires at the Molex on the PC board. Voltage should be 4.7 VDC +/- .1 VDC.

04.70
Auto Range
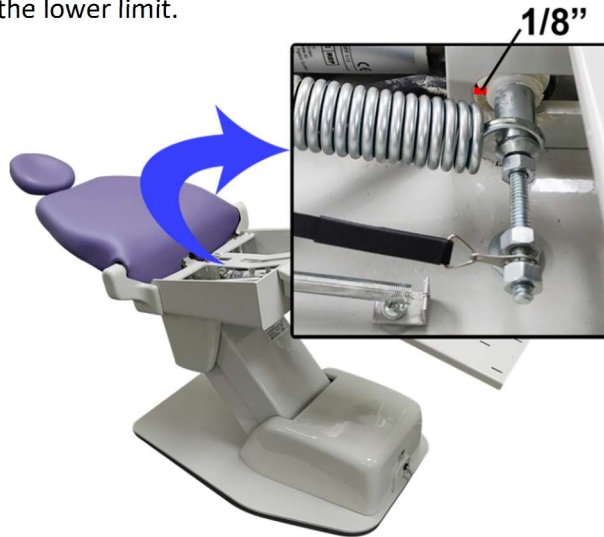
11 **SET SOFT LIMITS**

Double check that the jumper is on the lower two pins.
Press and release the SW1 button located next to the jumper.
Press and release the back up button, this will set the upper limit.

DS1 J1
BKUP
B/DN

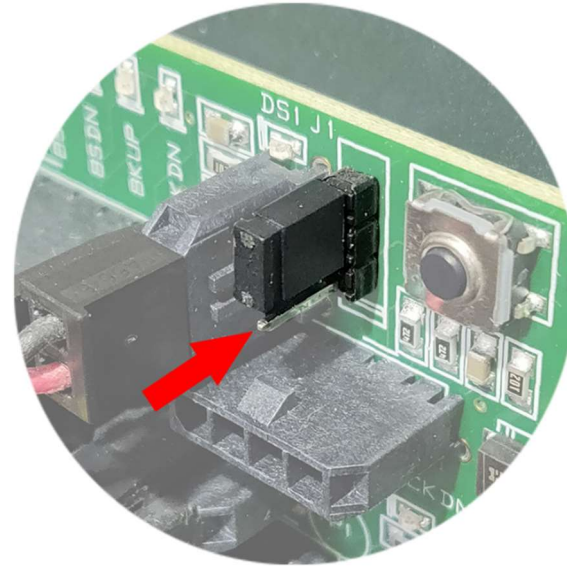# Replacing Back Potentiometer Assy: 8000DY / 7000BY with pre-position

12 With the jumper still on the lower two pins, lower the backrest to its full down position, press and release the SW1 button on the PC board, and press and release the backrest down to set the lower limit.

1/8"

13 Place the jumper back on the upper two pins to lock the programing and test all chair functions.

DS1 J1

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PLEASE CALL OUR TECHNICAL DEPARTMENT AT 1-800-275-3368 FOR ASSISTANCE.