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How to change the Motio board on your PAL Autosampler



CAUTION: Do not disconnect or reconnect any devices or open the service panels on your PAL autosampler without first disconnecting power from the system. Failure to disconnect the PAL autosampler prior to service could cause damage to equipment or INJURY.

After power is disconnected from the autosampler, remove all connectors from the back of the “CPU Panel”. Once all connectors are removed, you must remove the six screws securing the “CPU Panel” to the PAL auto-sampler. Provided with you PAL was a “T-10 Torx driver”. The correct torx driver is required to remove the panel screws efficiently.



Figure 1



Figure 2

(Figures 1 and 2 show the T10 Torx driver provided with your PAL autosampler)

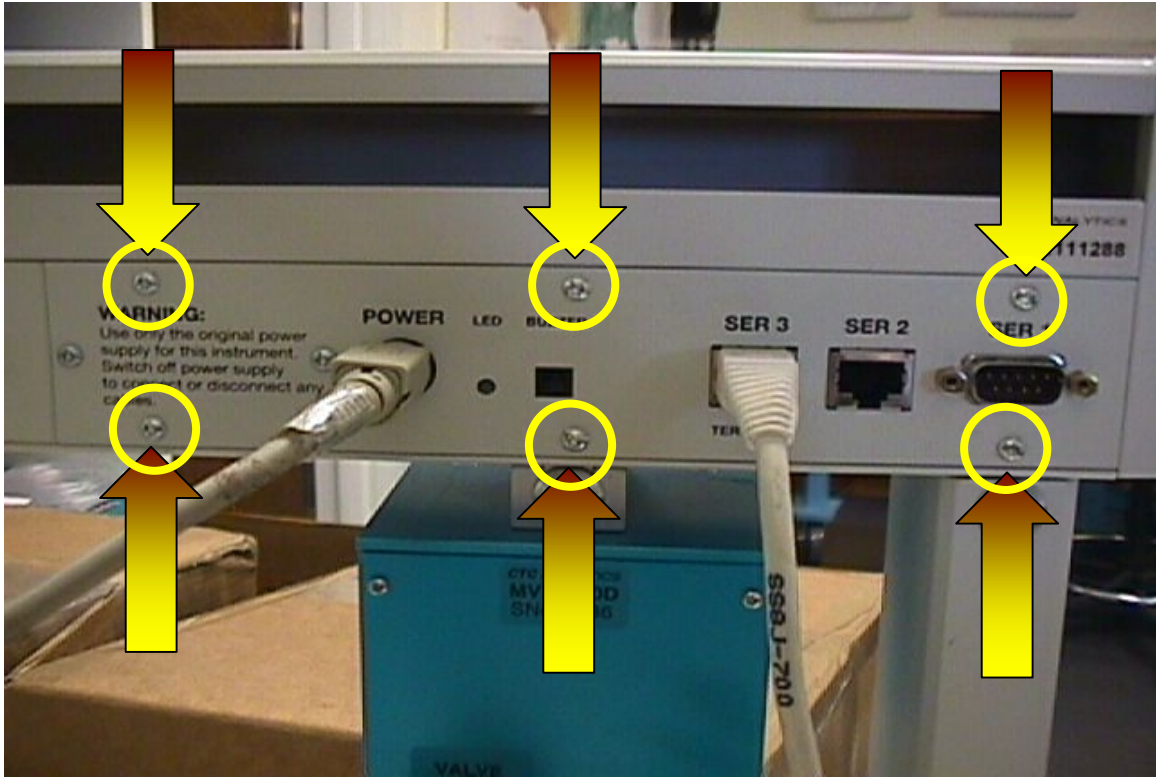


Figure 3

(Rear view of the PAL auto-sampler is shown in figure 3. Arrows indicate the placement of the six Torx head screws used to secure the “CPU Panel” to the PAL auto-sampler)

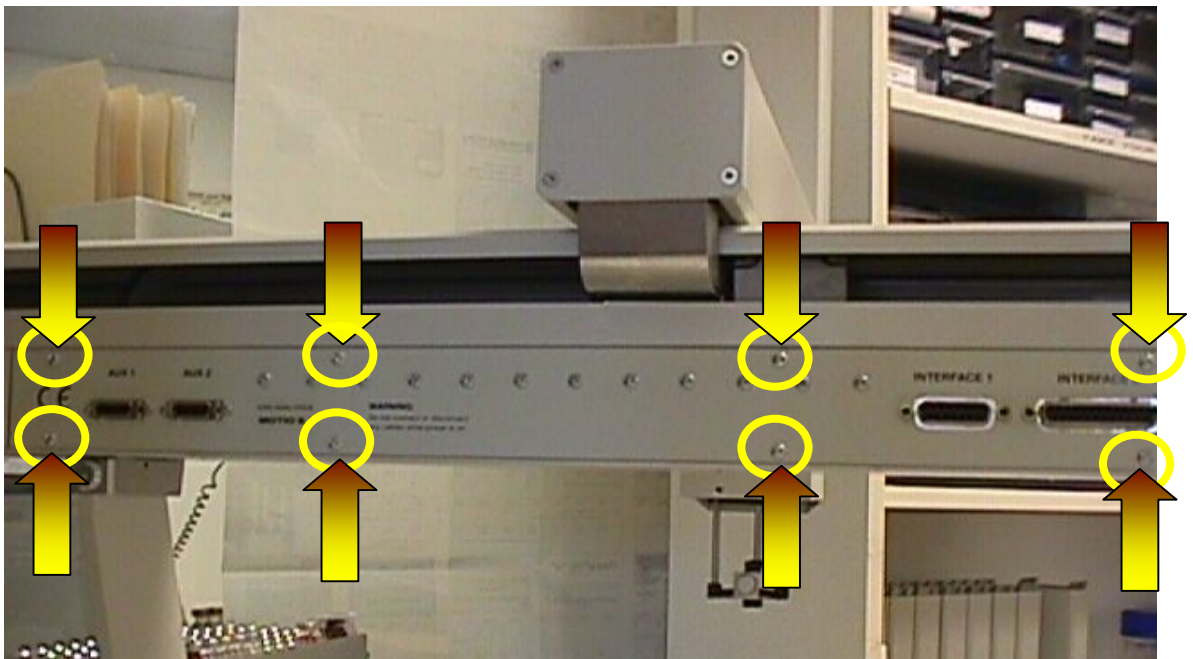


Figure 4

(After removing the six screws from the “CPU Panel” you must remove the eight screws that secure the “Motio board”. They are shown in figure 4, on the upper and lower edge of the “Motio board”, as indicated by the arrows and highlights.)



Figure 5

(Figure 5 shows how to remove the “CPU Panel” once the screws are removed. You may gently pull the “CPU Panel” from its outside corner. Move the “CPU Panel” approximately 8 to 10 centimeters away from the back of the “X-Rail”. Pulling the corner of the “CPU Panel” in this manner will allow the separation of the “CPU Panel” from the “Motio board”.)

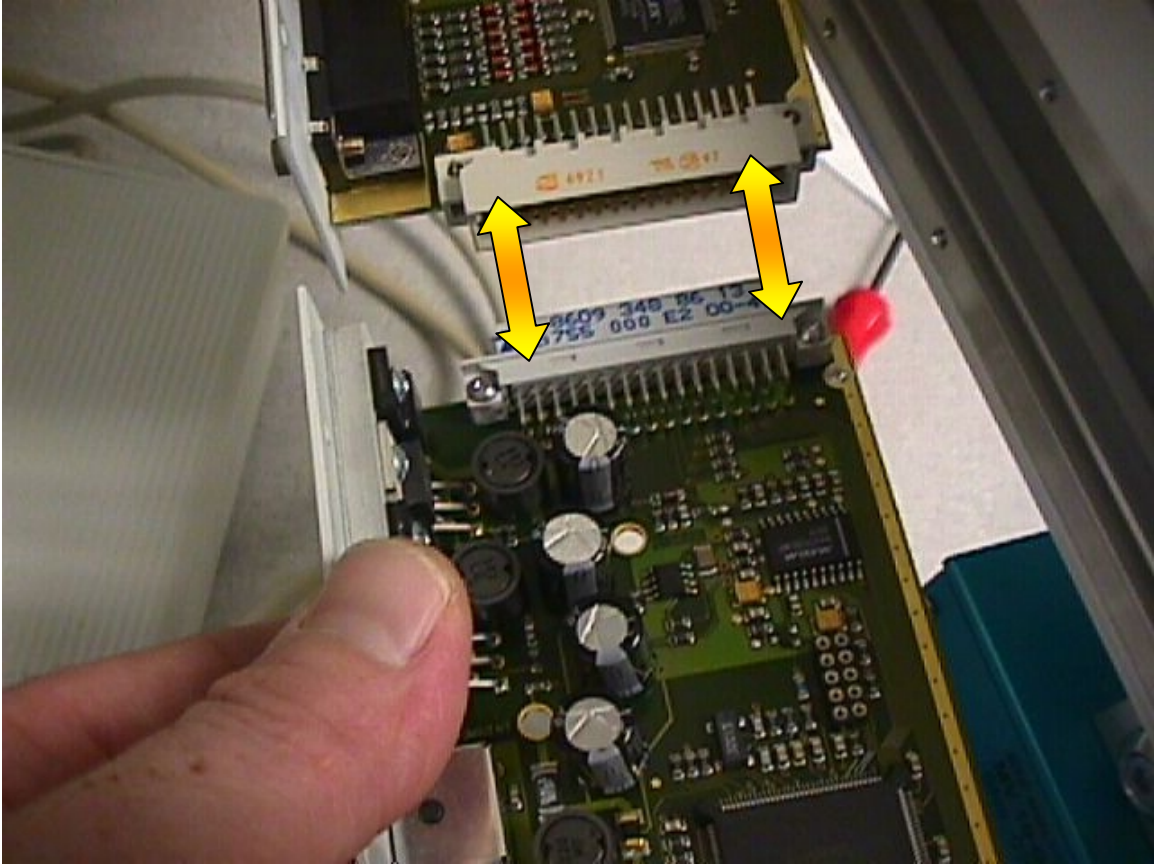


Figure 6

(Figure 6 shows the separation of the “CPU Panel” from the “Motio board”. Take care not to bend the pins inside the connector between the boards. The connector in question is indicated by arrows. The boards should be separated in a smooth linear motion to reduce the possibility of damage to the pins.)

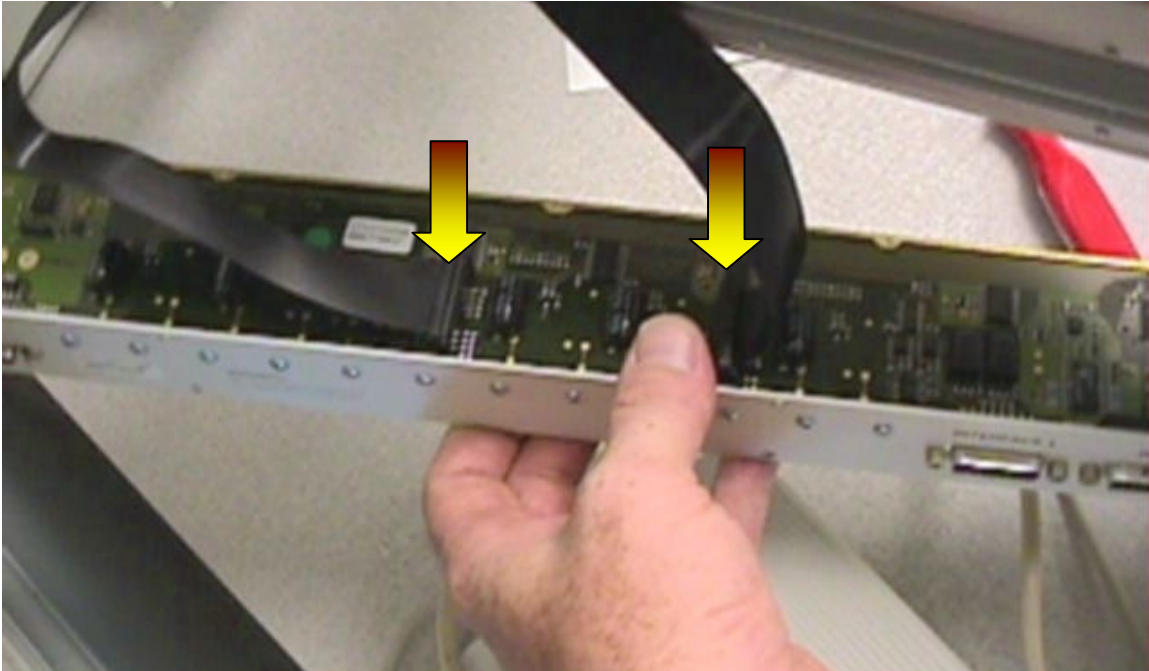


Figure 7

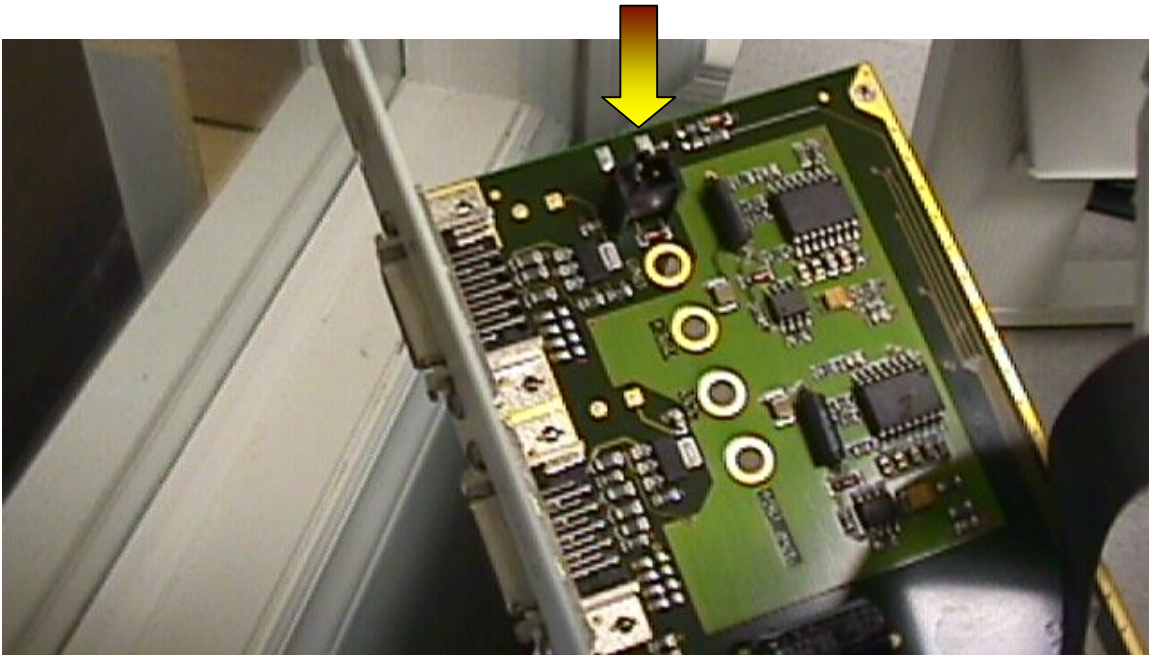


Figure 8

(A total of three connectors are shown figures 7 and 8. Each of these connectors must be disconnected when removing the “Motio Board”. Care should be taken in their disconnection, as they are all very delicate.)

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