



Replacing the M7500 Acquisition Board

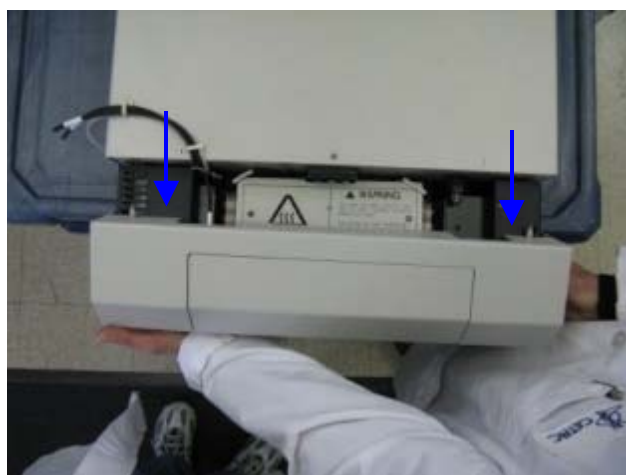
1. Shut down the software. Turn off instrument and remove power cable.



2. Open the front of the optical cover.



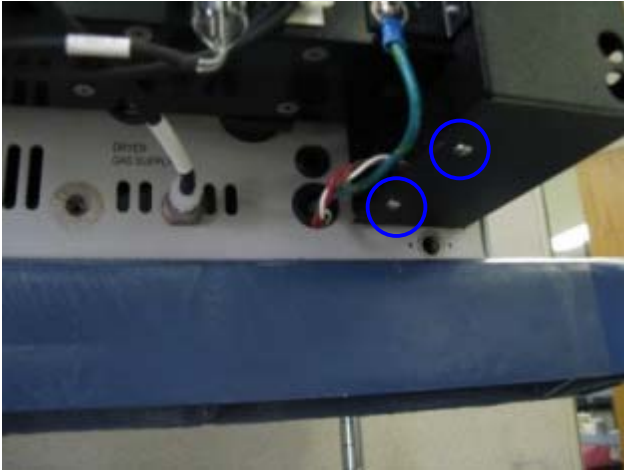
3. Loosen this thumbscrew.



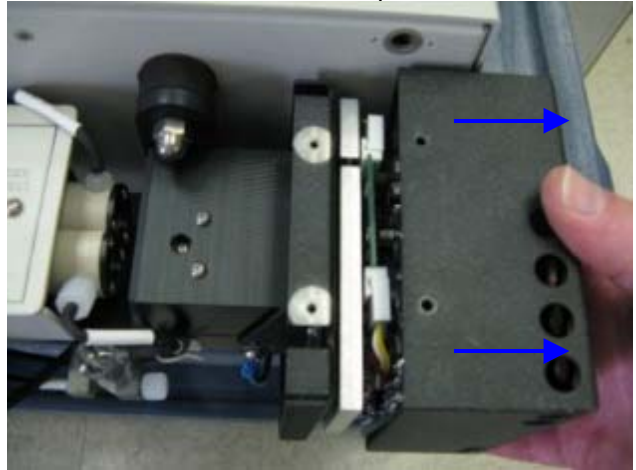
4. Pull the optical cover straight out.



5. Locate the detector cover.



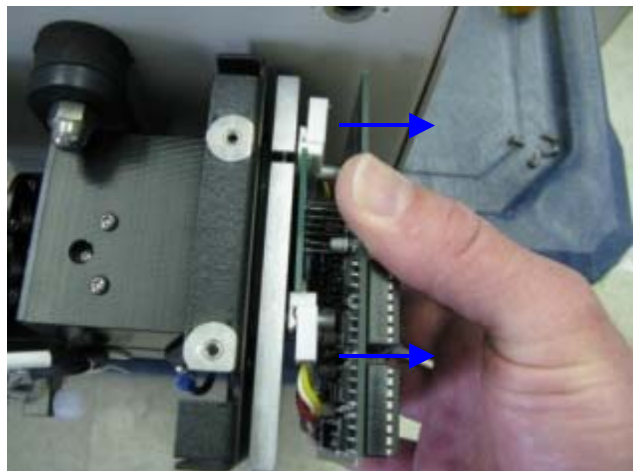
6. Remove cover screws on top.



7. Remove cover screws on the bottom.



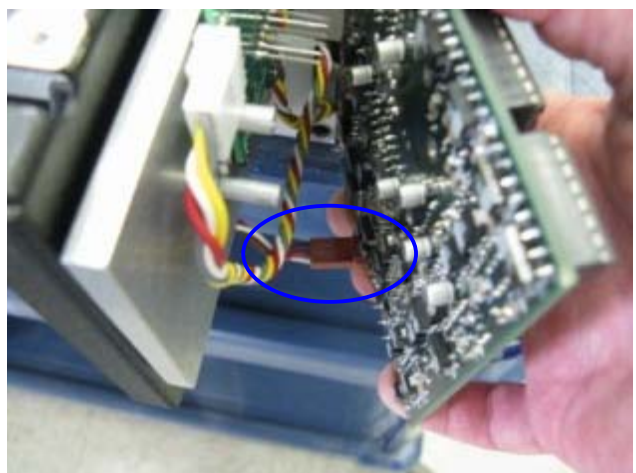
8. Pull cover straight out to the right.



9. Remove board-mounting screws.

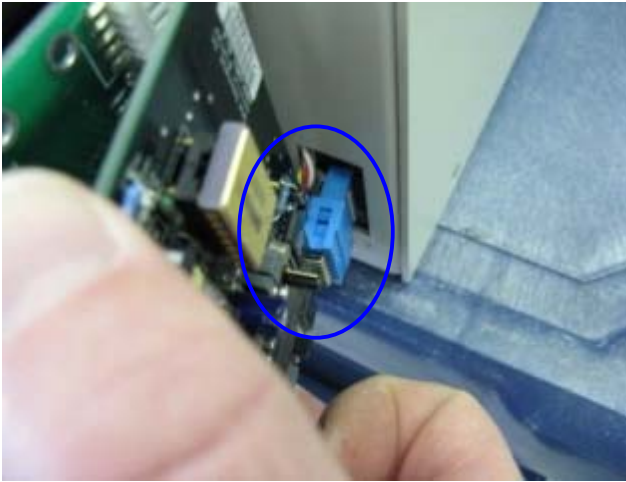


10. **Gently** rock as you pull the Acquisition Board to the right.



11. Acq. Board slides off the six connecting pins.

12. Disconnect the power connection.



13. Gently rock and pull forward to remove from data connection.



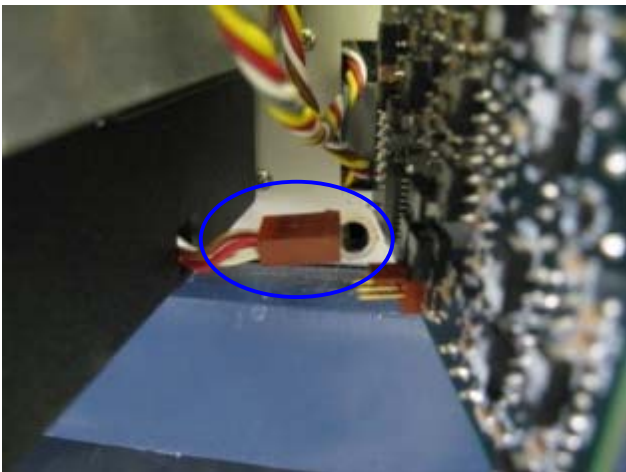
(Acquisition Board dismantled)



14. Line up new board connector with cable connector.



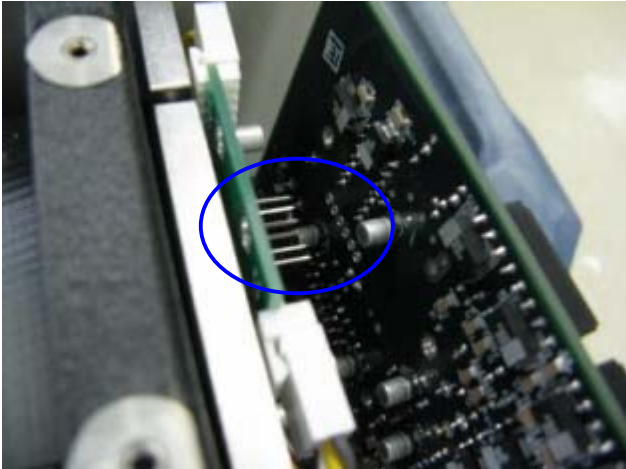
15. Push gently with thumb to fully seat connection. (no space)



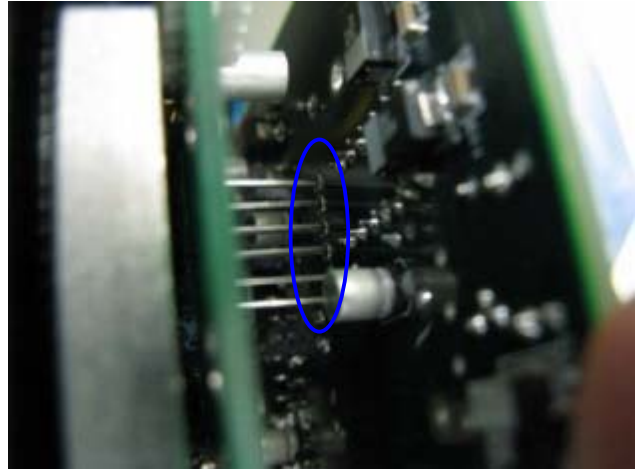
16. Reconnect power connector to board.



17. Connection "snaps" to hold connection tight.



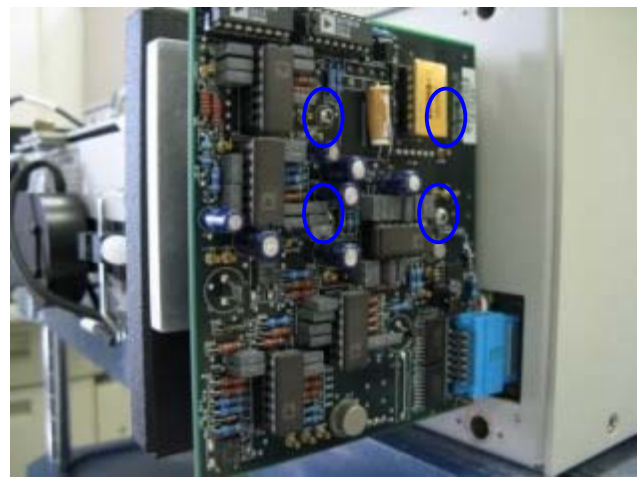
18. Carefully align the six pins and their contact points.



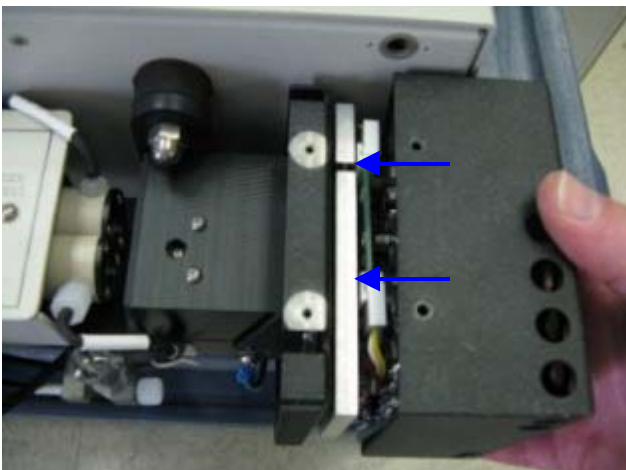
19. Once started, gently push board left till seated.



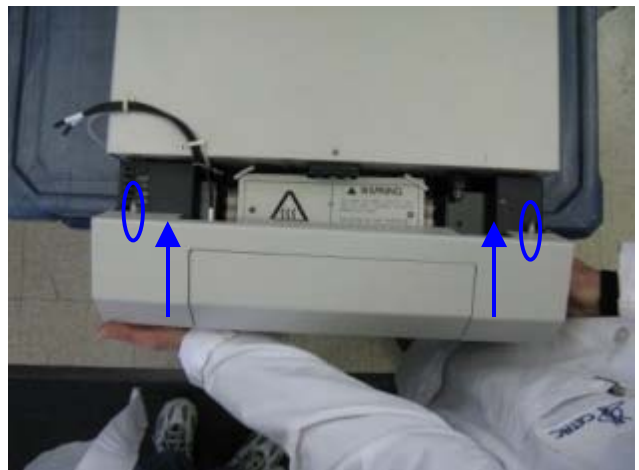
(Fully seated detector board)



20. Replace board-mounting screws.



21. Slide cover on from the right. Replace screws.



22. Replace optical cover by lining up pins and pushing straight till cover "snaps".



23. Tighten thumbscrew to secure cover.



24. Close access cover and operate normally.