

Humidity Generation and Calibration Equipment

**THUNDER SCIENTIFIC**  
**CORPORATION** THE HUMIDITY SOURCE

# *Model 2500*

## Keyboard Interface Inspection



Tech Support Document TSD-0220  
Revision Date: June 24, 2009

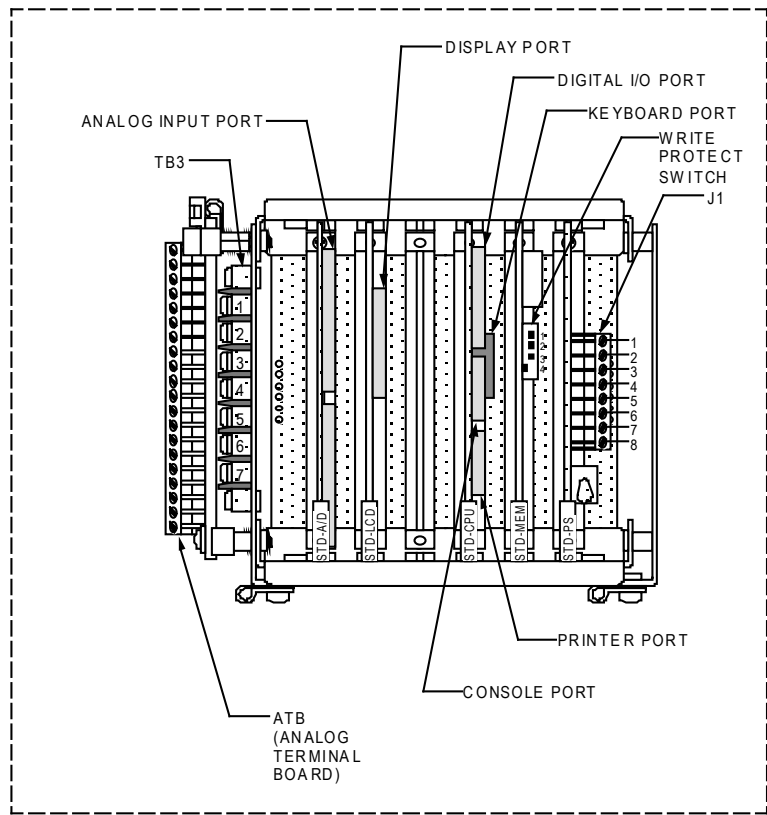
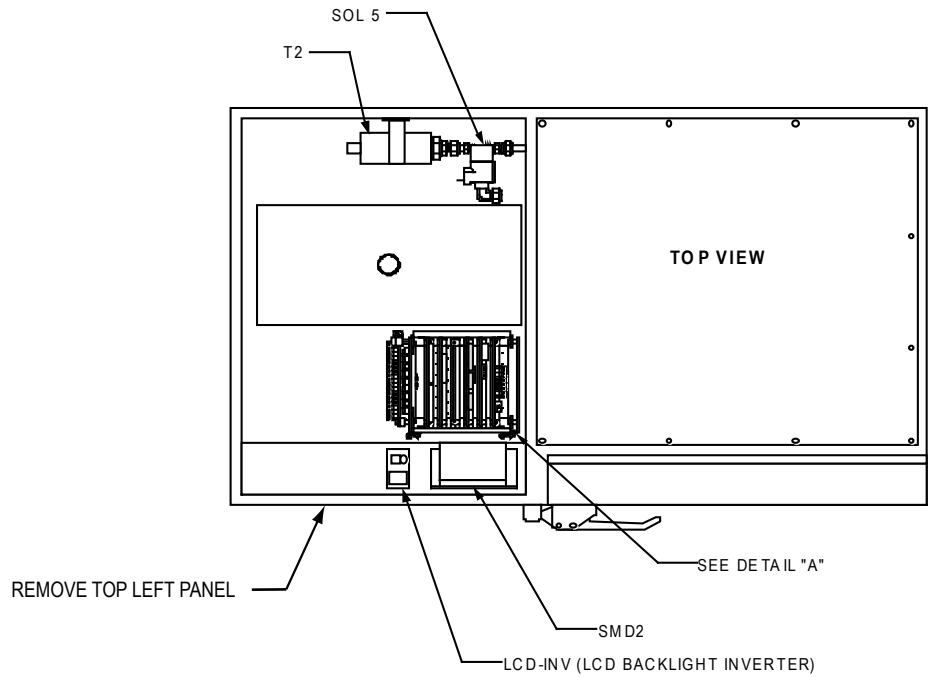
623 WYOMING BLVD. SE



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DETAIL "A"  
 SCALE = 1: 2

## 2500 System Keyboard Interface Inspection

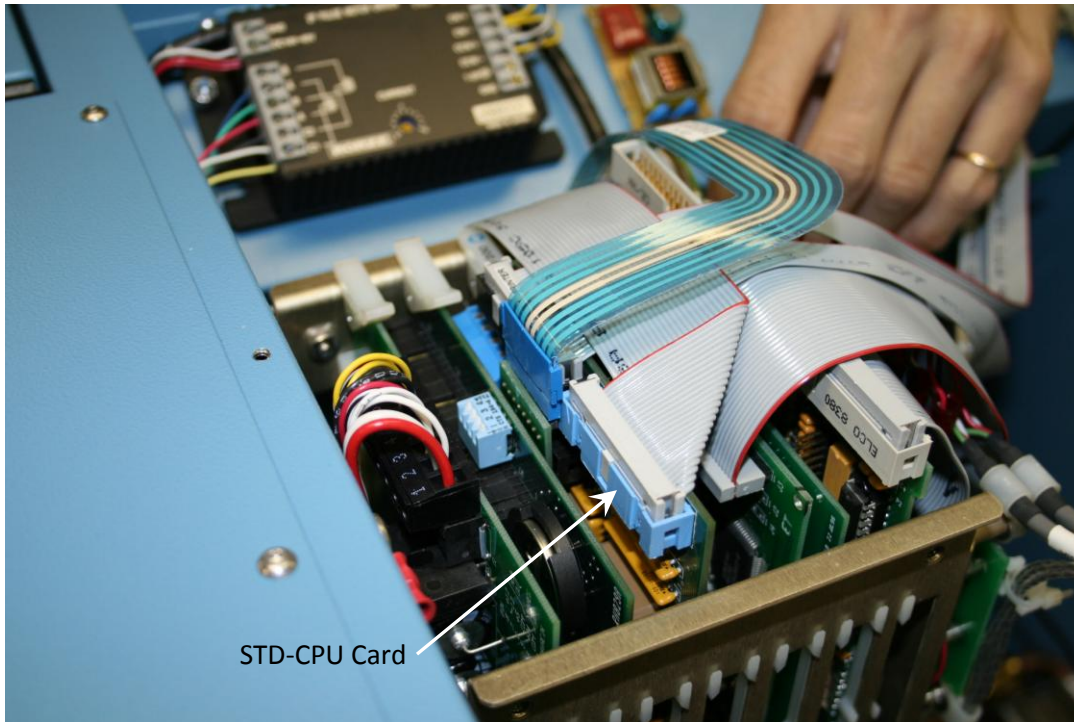
1. First remove the reservoir fill port cap.



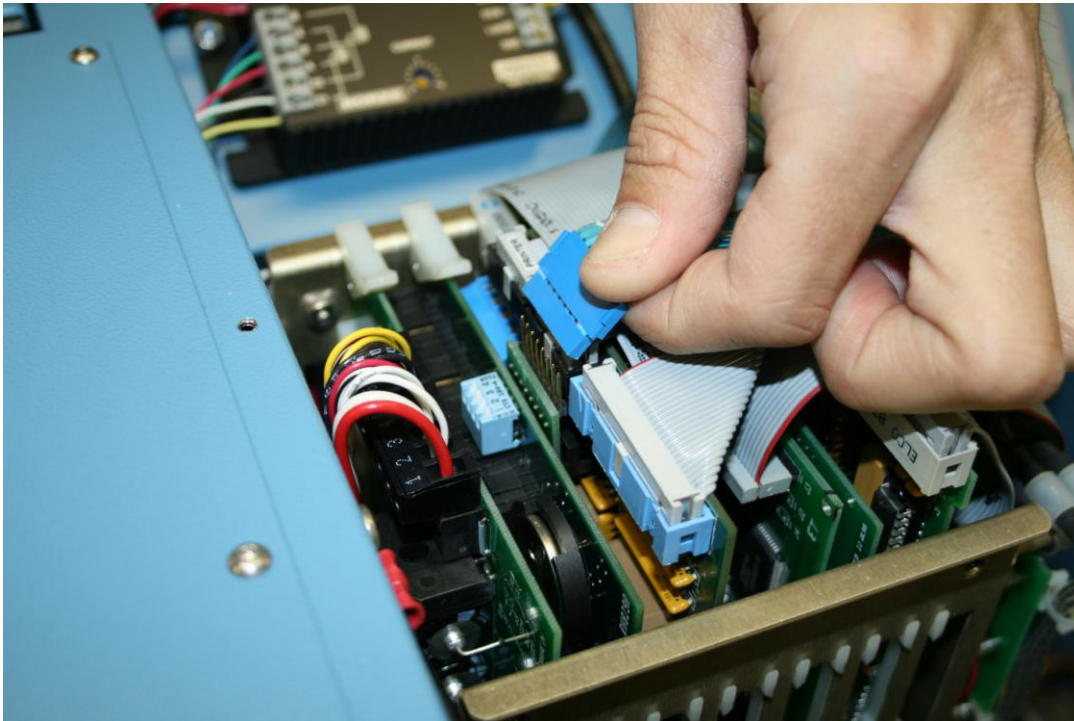
2. Remove the top left hand panel.



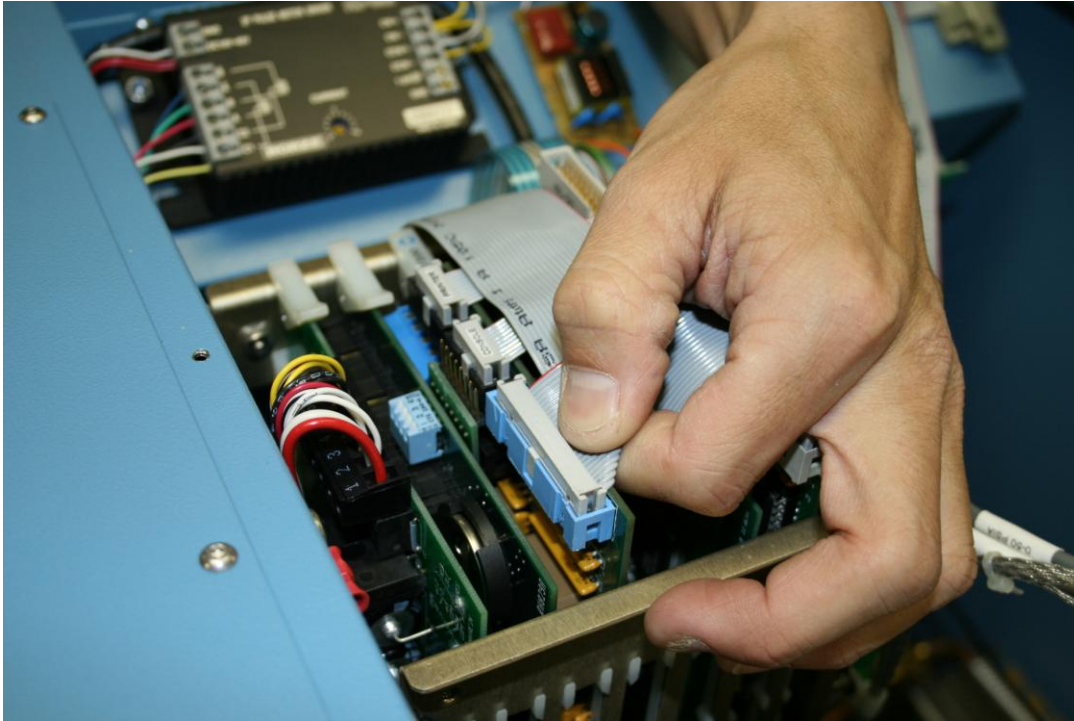
3. Locate the STD-CPU card, third from the wall.



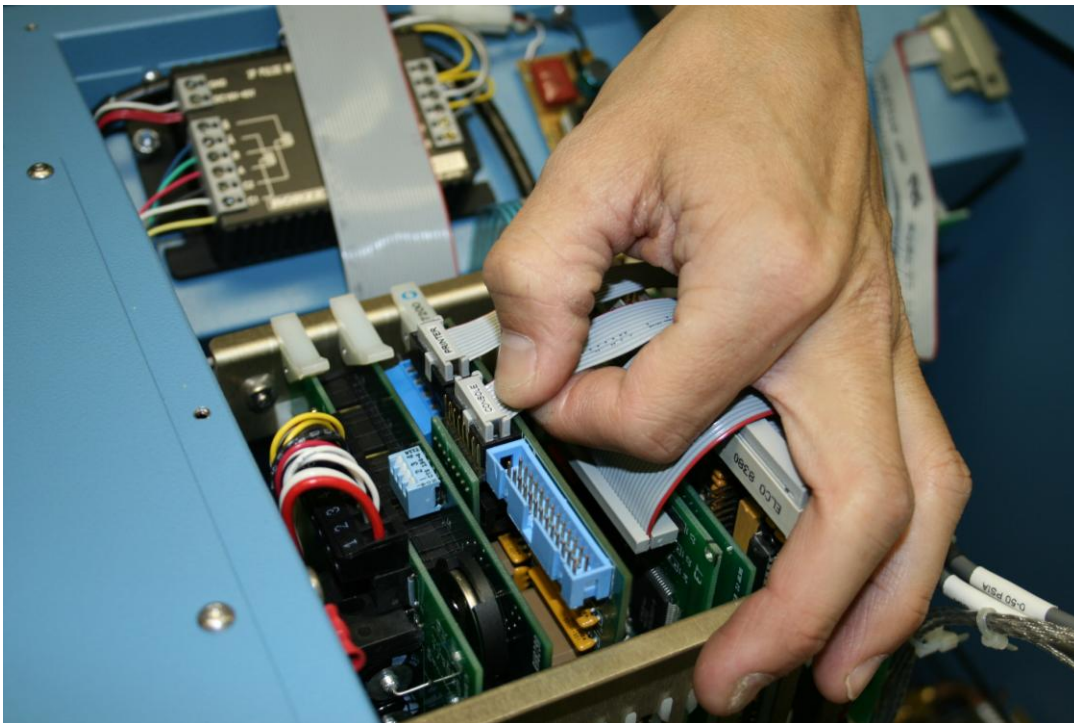
4. Remove keyboard interface cable.



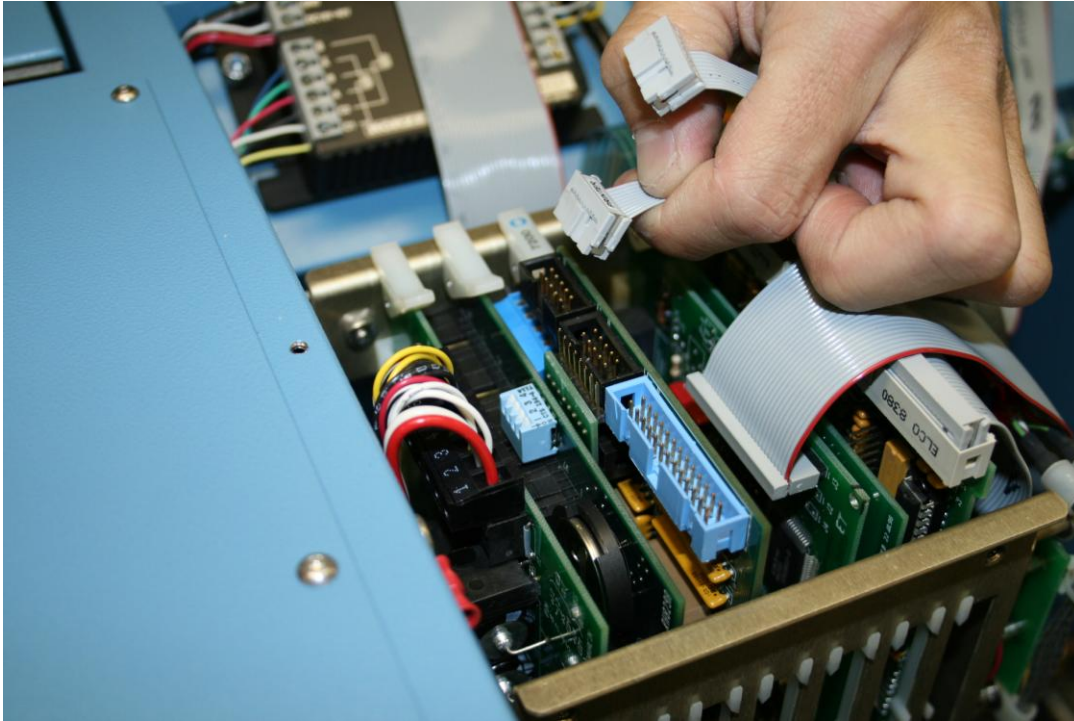
5. Remove digital I/O port cable.



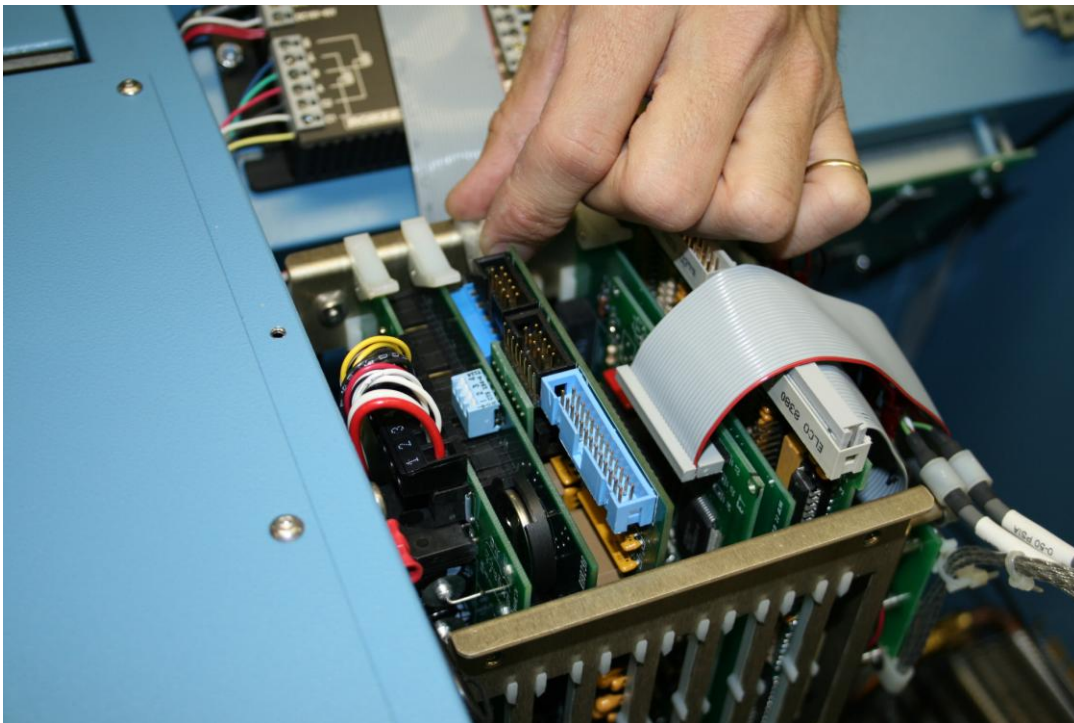
6. Remove the console port cable.



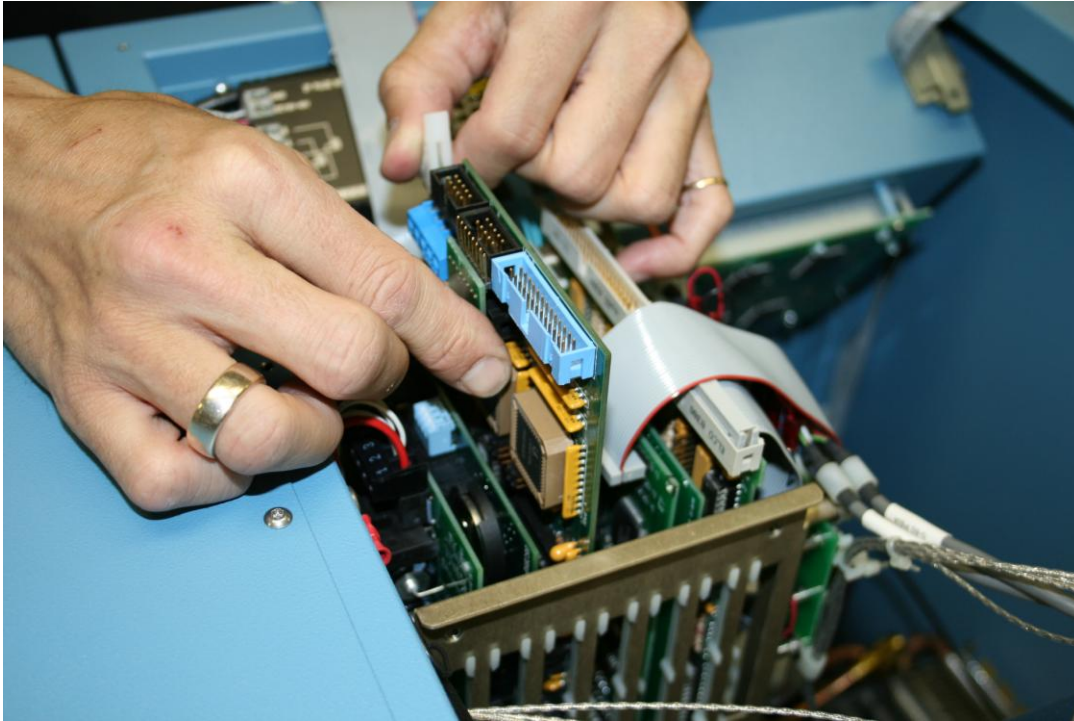
7. Remove the printer port cable.



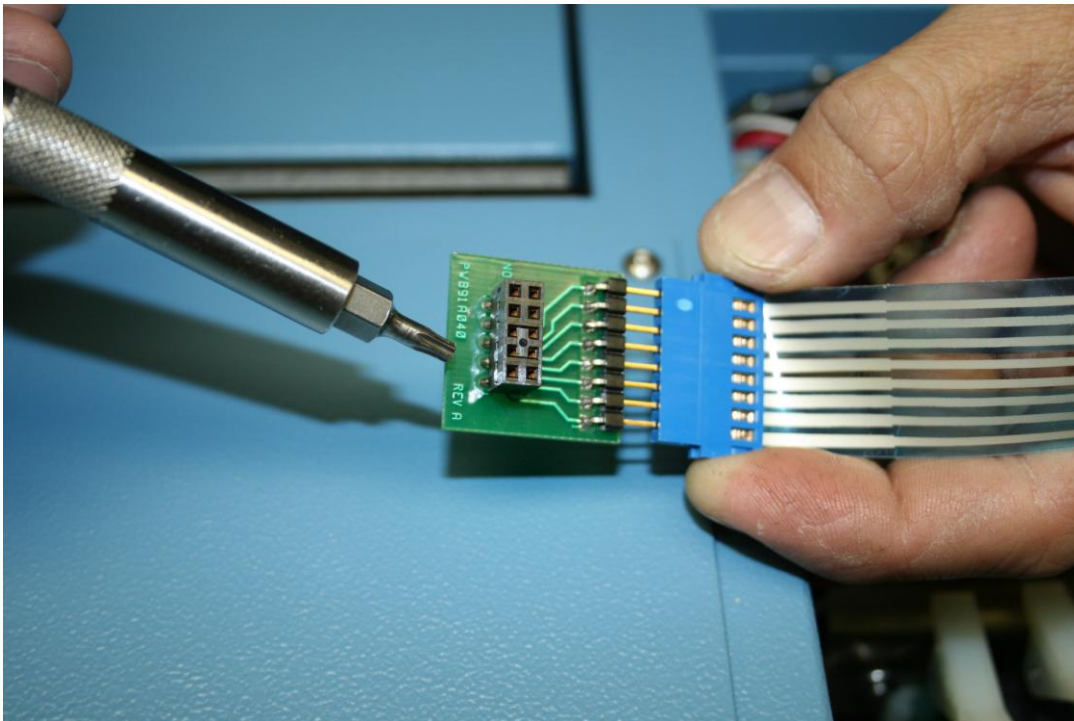
8. Lift the CPU card up to gain access to the keyboard port adapter card.



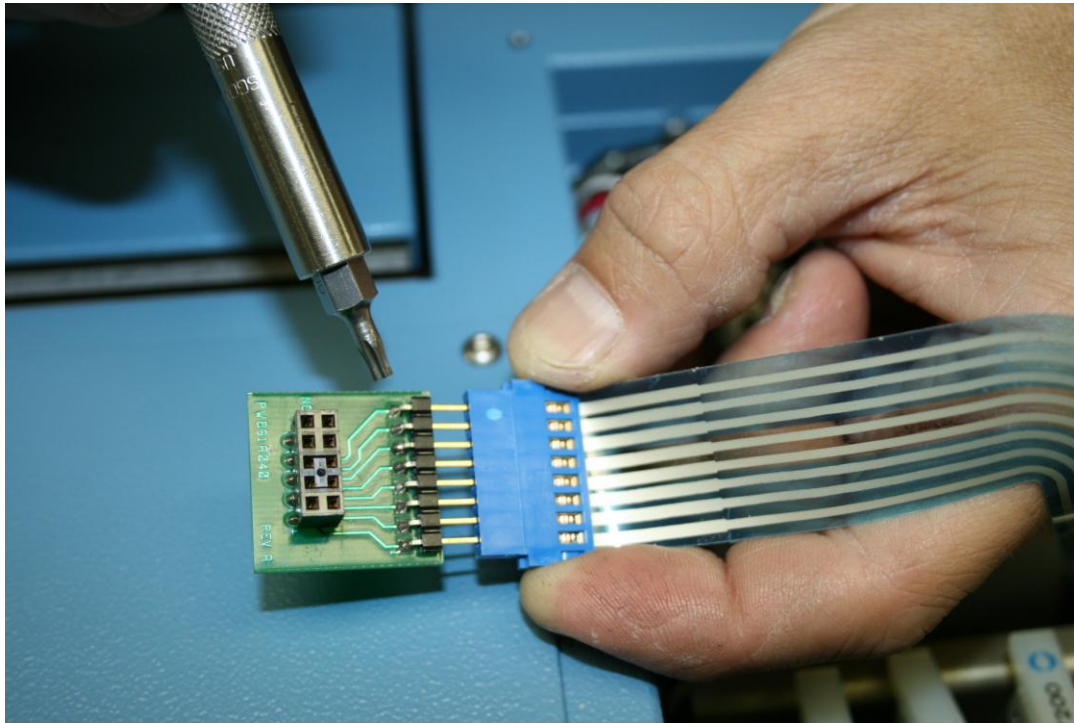
9. Pull the keyboard interface board from the CPU card.



10. Once the interface board has been removed, inspect the board at the base of the 10 pin connector for any open solder connections.



11. Inspect the board where the 8 pin 90° connector mounts to the board for any open solder connections here.



12. Repair any broken solder connections and replace connector carefully observing proper alignment.