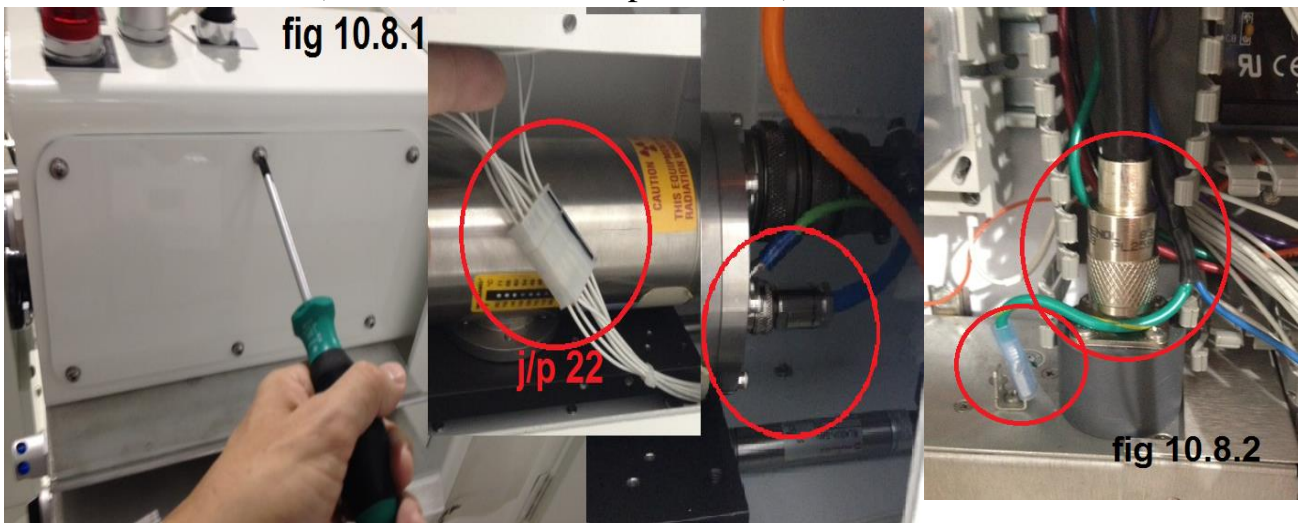


10.8 Source Head Removal

The following procedure outlines the source head removal. The head should be removed to perform maintenance on the Tube, Shutter, and to replace the Source Window:

1. Power-Off the AAU by removing the power cord from the APC Battery Backup. Follow your site “Lock-Out” procedure to ensure the power cord is not plugged back in until this procedure is completed.
2. Open the Source Head side cover by removing the six Phillips screws and disconnect the source head harness (j/p 22), the blue filament cable (see 10.8.1) and the orange Air Line.
3. Open the door to the SSIU panel.
4. Disconnect the High Voltage Lead and green Ground-wire from the High Voltage Power Supply. (see 10.8.2)
5. Remove the nuts securing the sub-panel within the SSIU. Once the four nuts have been removed, pull the sub-panel from the four threaded studs and swing the sub-panel toward the drive side of the SSIU.
6. Using a 1 1/8” socket wrench, remove the two bolts holding the Source Head to the unit. (be careful not to drop the head)



7. Reverse this procedure to re-install the head.
8. Once the unit has passed a visual inspection, shut and secure the SSIU door.
9. Return power to the unit and follow the restart procedure.