

## STEPS TO BETTER PERFORMANCE OF YOUR ALTA750 X-RAY TUBE

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**Once the X-Ray Tube is mechanically installed, follow the steps below to optimize its performance.  
*The total approximate time is 8 hours***

1. Adjust the IF's @ 80kV and 100kV, Large and Small focus (approximate time: 5 minutes)
2. Perform Tube Seasoning (approximate time: 1 hour)
3. Wait at least **1 hour** to allow the tube to cool down before proceeding to next step
4. Warm the tube to 50% OLP (approximate time: 5 minutes)
5. Adjust the IF's @ 80kV, 100kV, 120kV and 135kV, Large and Small focus (approximate time: 20 minutes)
6. Align tube Front to Back (approximate time: 30 minutes)
7. Align tube Left to Right (approximate time: 45 minutes)
8. Perform Water and Air Calibrations (approximate time: 4 hours)
9. Perform and document all standard QA scans
10. Reset the Slice Counter and record Serial Number
11. Complete and return the Tube Service Report to Richardson Electronics

### **REMINDER**

Ensure that the fan filter is clean at all times

Check the HV cable torque setting at the SRU-H or Multiplier regularly

Do not remove the HV cable except for troubleshooting purposes or tube replacement

Follow the recommended preventive maintenance schedule as provided by the OEM