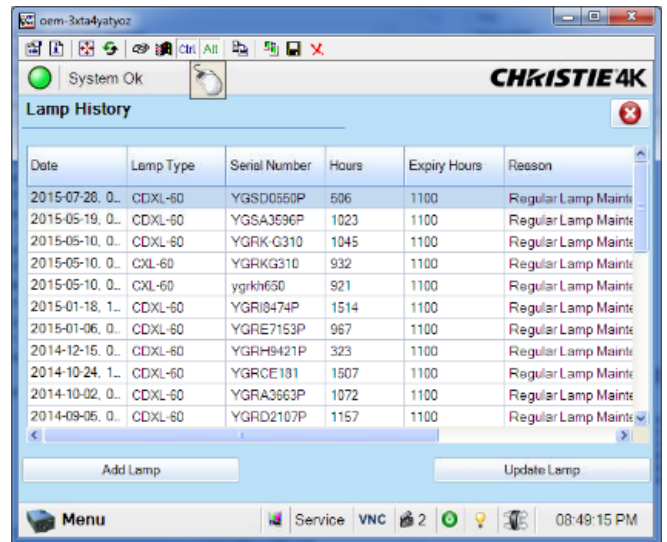
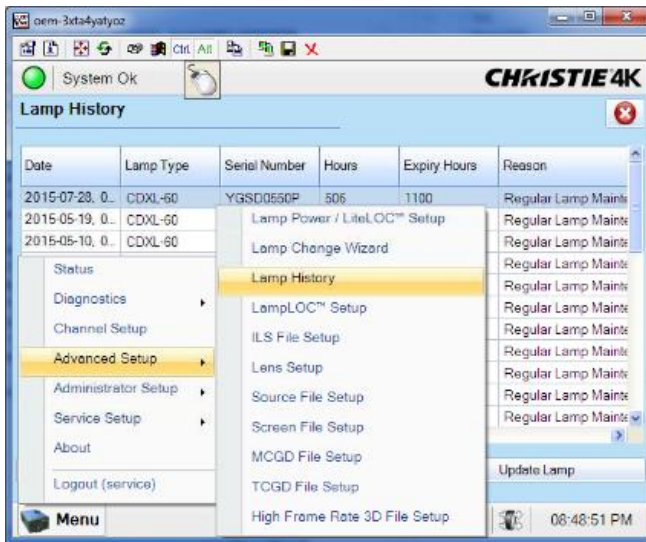


Follow the steps below to install a Xenon lamp into a Christie projector.

PROCEDURES

1. **Follow** all necessary safety procedures:
 - a. **Ensure** that authorized protective clothing is worn by everyone near the projector whenever the lamp door is open and when handling the lamp. Please open DSSP ticket to order if needed.
 - b. **Do not** remove the lamp when hot as this may cause the bulb to explode due to pressure. Allow the lamp to cool at least 15 minutes prior to replacing.
 - c. **Do not** bend or twist the quartz lamp body.
 - d. **Install** the correct wattage lamp.
2. **Log in** to the service login on the TCP Main panel and **navigate** to Advanced Setup/Lamp History.

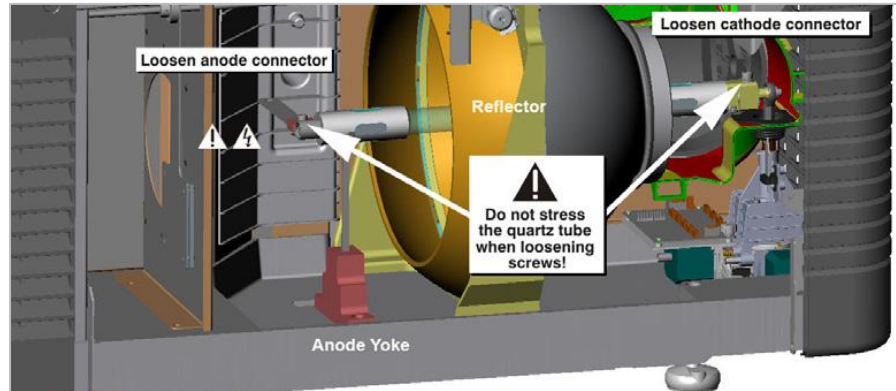


3. **If the lamp has exploded, record** the lamp hours, lamp type, and the serial number to put in the notes of the DSSP ticket later.
4. **Tap and hold** the red power button on the TPC Main panel to turn the lamp and projector off.
5. **Turn** the projector ballast breaker off and allow the lamp to cool for a minimum of 15 minutes.
6. **Unlock and open** the lamp door; **release** the tethered latch mechanism to remove the door entirely.



7. **Remove** the old lamp and **inspect** the reflector:

- Remove** the rear lamp duct cover to reveal the cathode end (-) of the lamp.
- Loosen** the set screw securing the anode clamp connector using a 4mm Allen key.
- Loosen** the set screw securing the cathode connector using a 3mm Allen Key.

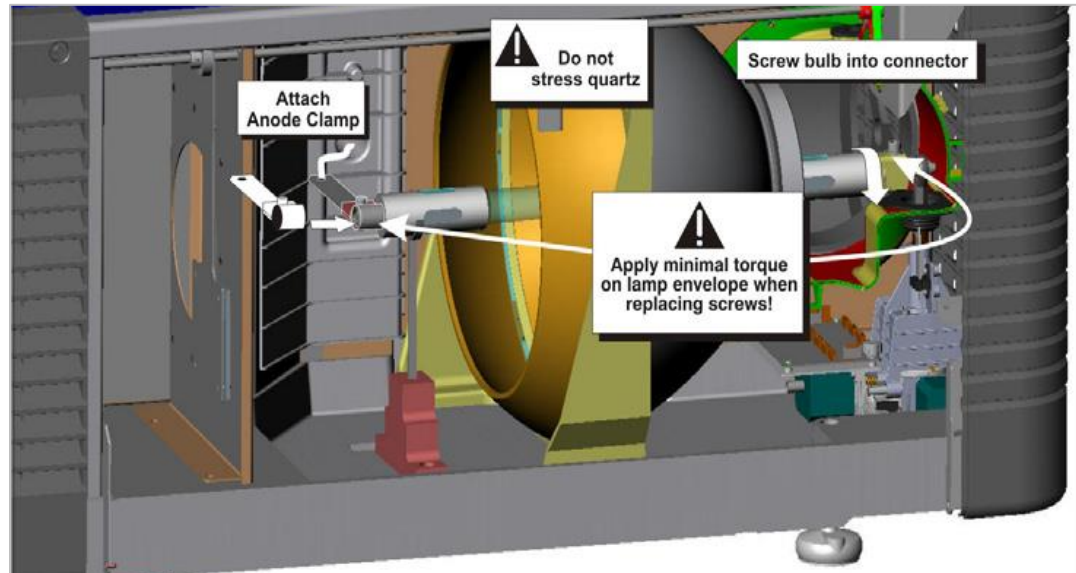


- Slip** the positive anode connector off the front of the lamp gently.
 - Hold** both ends of the lamp and carefully **unscrew** the lamp from the cathode end of the lamp ensuring not to make contact with the reflector.
 - Place** the old lamp, within the case, on the floor where it cannot fall or be bumped. Once lamp is changed, **carefully package** and return the lamp for Xenon recycling.ⁱ
 - Inspect** the reflector for dust. If necessary, **clean** the reflector. **Notify** the TOC if the reflector is damaged/destroyed.
8. **Remove** the new lamp from the protective case.
9. **Install** the new lamp making sure never to hold it by the glass, only by the anode/cathode end shafts. **Ensure** the anode (+) lead between the lamp and igniter is well away from any projector metal.
- Hold** the anode end of the lamp in the left hand and angle it up through the hole in the back of the reflector assembly. **Insert** the right index finger and middle finger through the back front of the reflector and guide the lamp onto the cathode clamp.
 - Insert** the threaded cathode (-) end of the lamp into the negative lamp connector located in the rear of the lamp compartment. Using both hands, **hand-tighten** the cathode end into the threaded connector making sure not to over-tighten.
 - Rest** the anode (+) end of the lamp on the anode yoke and **slip** the positive lamp connector over the lamp end.
 - Squeeze** together with the anode clamp using a 4mm Allen key, making sure not to place any torque on the lamp quartz envelope.

For CDXL-30SD lamps, **ensure** the "flat" part of the anode end of the lamp (if applicable) is facing in the 10 or 2 o'clock position once the lamp finger is installed in the 14mm threads and the clamp screw is tightened. For all other lamps, keep the "flat" part face up.



- e. **Tighten** the cathode set screw using a 3mm Allen key.



10. **Re-install** the rear lamp duct cover
 - a. **Locate** the white notch to the rear of the cathode connector; **insert** the tab of the duct cover into it.
 - b. **Close** the duct cover by snapping the top and bottom tabs into place.
 - c. **Verify** that the tabs clicked when fully inserted
11. **Close** and **lock** the lamp door.
12. **Turn on** the circuit breaker for the projector ballast.
13. **Tap** and **hold** the green power icon on the Touch Panel Controller (TPC).
14. For the Newer projectors, it will walk you through the process – Menu > Advanced Setup > Light Change Wizard.
15. **For all others: Log in** to the TPC and **record** the new lamp information:
 - a. **Tap** Menu > Advanced Setup > Lamp History; **tap** Add Lamp.
 - b. **Complete** the fields in the “Add Lamp” dialog and **press** Save.
16. **Tap** and **hold** the light bulb icon on the TPC to ignite the lamp.
17. **Run** the LampLOC™ on the new lamp:
 - a. **Tap** Menu > Advanced Setup > LampLOC™ Setup.
 - b. **Tap** Do Auto.

ⁱ [SS-6-05, Xenon Bulb Procedures](#)