

# *LX650 Lamp/Filter Replacement Instruction Sheet*

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## *INTRODUCTION*

These instructions outline the details for Lamp and Filter replacement in the LX650 projector (Model No. 103-012100-01). The lamp is located at the rear of the projector (below the input panel) and can be accessed by removing the lamp door. *NOTICE: Use only a Christie approved Lamp and Filter Kit for your specific projector model.*

## *KITS REQUIRED*

003-120333-01 (Replacement Lamp Type No.: POA-LMP108)

003-001726-01 (Replacement Air Filter)

## *INSTRUCTIONS*



*Do not drop the lamp assembly or touch a glass bulb! The glass can shatter and may cause injury.*



*Disconnect all power sources to the projector before opening lamp cover.*



*Allow a projector to cool, for at least 45 minutes before you open Lamp Cover. The inside of a projector can become very hot.*

## LAMP REPLACEMENT PROCEDURE

When the projection lamp of the projector reaches its end of life, the Lamp Replacement icon  appears on the screen and LAMP REPLACE indicator lights orange (Figure 1). Replace the lamp with a new one promptly. The timing when the LAMP REPLACE indicator should light is dependent on the lamp mode. **NOTICE:** For continued safety, replace with a lamp assembly of the same type.

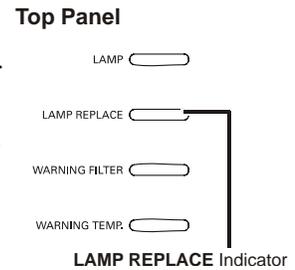


Figure 1 Top Panel Indicator

1. Turn off the projector and unplug the AC Power Cord. Let the projector cool for at least 45 minutes. **CAUTION:** The inside of the projector can become very hot.
2. Open the Filter Cover.
3. Loosen the screw and open then Lamp Cover (see Figure 2).
4. Pull out the lamp by using the built-in handle.
5. Replace the Lamp with a new one. Make sure the Lamp is set properly and fully inserted. **NOTES:** 1) Make sure replace the lamp with a lamp of the same type. 2) Insert lamp in proper direction.
6. Close the Lamp Cover, secure screw, and close the Filter Door.
7. Connect the AC Power Cord to the projector and turn on the projector.
8. Reset the Lamp Replacement Counter (see below). **NOTE:** Do not reset LAMP REPLACEMENT COUNTER when lamp is not replaced.

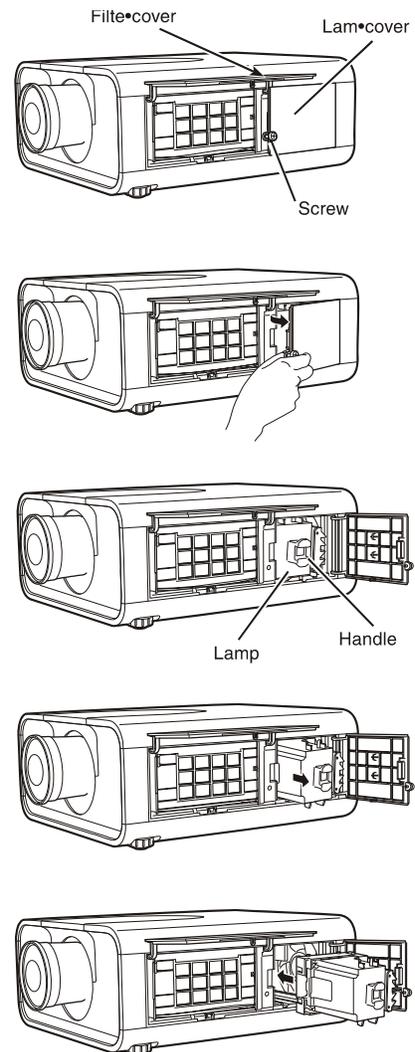


Figure 2 Lamp Replacement

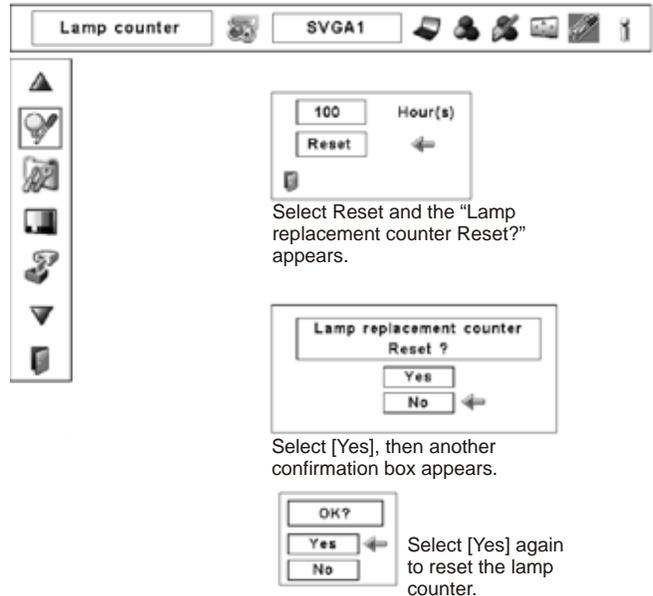


*Do Not Operate a projector while any lamp is removed. This may result in malfunctions, fire hazard, or other accidents.*

**RESETTING THE LAMP COUNTER**

Reset the Lamp counter after the lamp is replaced. This will turn off the LAMP REPLACE indicator and the Lamp replacement icon will disappear.

1. Press the MENU button to display the On-Screen Menu. Use the ◀▶ buttons to move the red frame pointer to the Setting Menu icon
2. Use the ▲▼ buttons to move the red frame pointer to Lamp counter and then press the SELECT button. A dialog box appears. Select a lamp and the “Lamp replacement counter Reset?” appears. Select [Yes] to continue.
3. Another confirmation dialog box appears and select [Yes] to reset the Lamp counter.



*NOTE: Do not reset the Lamp counter without replacing the lamp and only after replacing the lamp.*

Figure 3 Reset Lamp Counter

**HOW TO CHECK LAMP USED TIME**

The LAMP REPLACE indicator will light yellow when the total lamp used time (Corresponding value) reaches 3,000 hours. This is to indicate that lamp replacement is required.

The total lamp used time is calculated by using the below expression,

$$\text{Total lamp used time (Corresponding value)} = T_{\text{eco}} + (T_{\text{normal}} \times 1.5)$$

- **T<sub>eco</sub>**: used time in the Eco mode
- **T<sub>normal</sub>**: used time in the Normal mode

You can check the lamp used time following to the below procedure.

1. Press and hold the **ON/STAND-BY** button on the projector for more than 20 seconds.
2. The projector used time and lamp used time will be displayed on the screen briefly as follows.

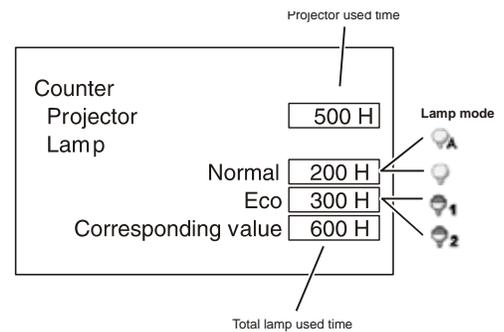


Figure 4 Lamp Used Time

## FILTER CARE/REPLACEMENT PROCEDURE

Filter prevents dust from accumulating on the optical elements inside the projector. Should the filter become clogged with dust particles, it will reduce cooling fans' effectiveness and may result in internal heat buildup and adversely affect the life of the projector. If a Filter Warning icon  appears on the screen, clean the filter immediately.

1. Turn off the projector, and unplug the AC power cord from the AC outlet.
2. First, clean up the dust on the projector and around the air vents.
3. Press  on the filter cover to release the latch and open the filter cover.
4. Pull out the filter cartridge. When taking out the filter cartridge, put your finger on the filter cartridge's tab and then pull.
5. Put the new one back into the position and close the filter cover. Make sure that the filter cartridge is properly and fully inserted.
6. Connect the AC power cord to the projector and turn on the projector.
7. Reset the filter counter and the scroll counter.

*NOTICES: 1) Do not operate the projector with the Air Filter removed. Dust may accumulate on the optical elements degrading the picture quality. 2) Do not put anything into the air intake vents. Doing so may result in a malfunction of the projector. Failure to properly clean the projector's air filters (in accordance with the instructions in your Projector's Operating Manual, or more frequently in any environment which is somewhat dusty or smoky) could result in overheating and will void the warranty on the projector.*

*NOTES: 1) If the filter is heavily clogged and unable to clean, replace it with a new one. Please consult your dealer for details. 2) Do not wash the filter with water or any other liquid matter.*

*RECOMMENDATIONS: 1) We recommend avoiding dusty/smoky environments when operating the projector. Usage in these environments may cause a poor image quality. 2) When using the projector under dusty or smoky conditions, dust may accumulate on a lens, liquid crystal panels, or optical elements inside the projector. Such condition may degrade the quality of the projected image. 3) When the symptoms above are noticed, contact your authorized dealer or service station for proper cleaning.*

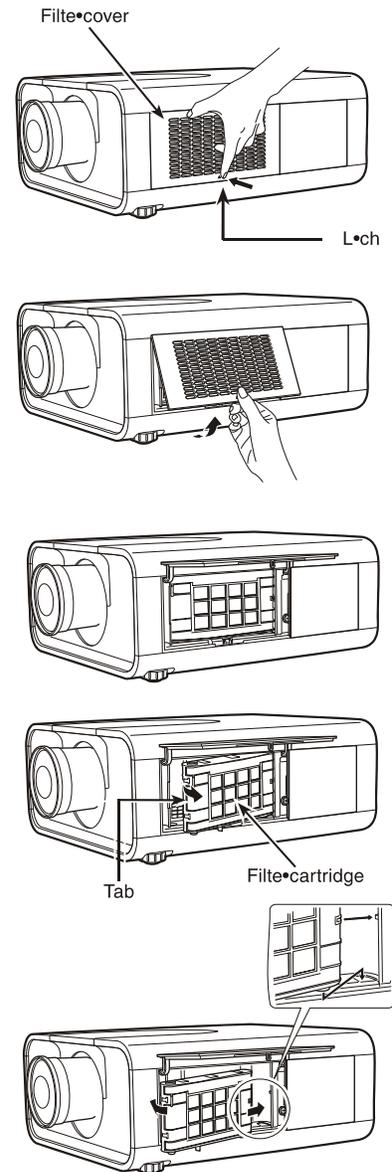


Figure 5 Replace Filter

## RESETTING THE FILTER COUNTER

Be sure to reset the Filter counter after cleaning or replacing the filter.

1. Press the MENU button to display the On-Screen Menu. Use the ◀▶ buttons to move the red frame pointer to the Setting Menu icon.
2. Use the ▲▼ buttons to move the red frame pointer to Filter counter and then press the SELECT button. A dialog box appears showing the Used Time option you can scroll to view the remaining Time options. Use the ▲▼ buttons to select Used time.
3. Used Time shows the total accumulated time of the filter use, a Timer Setting option, and the Reset option. Select Reset and the “Filter counter Reset?” appears. Select [Yes] to continue.
4. Another confirmation dialog box appears, select [Yes] to reset the Filter counter.

*NOTE: Do not reset the Filter Counter without replacing the filter and only after replacing the filter.*

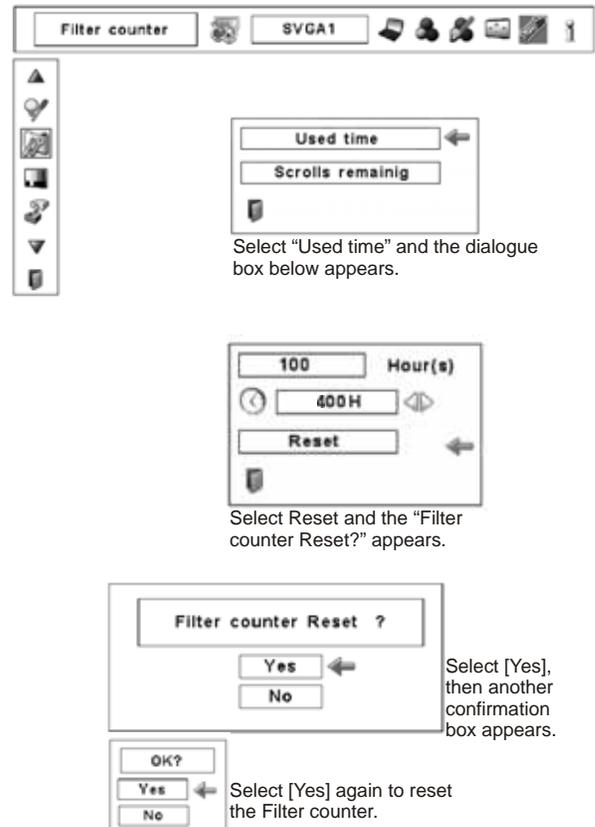
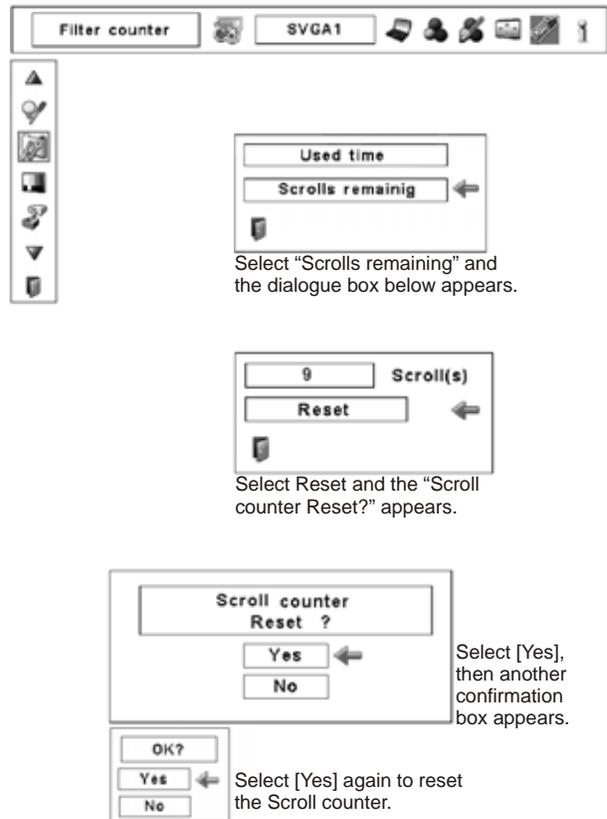


Figure 6 Reset Filter Counter

*RESETTING THE SCROLL COUNTER*

Be sure to reset the Scroll counter after replacing the filter cartridge.

1. Press the MENU button to display the On-Screen Menu. Use the ◀▶ buttons to move the red frame pointer to the Setting Menu icon.
2. Use the Point ▲▼ buttons to move the red frame pointer to Filter counter and then press the SELECT button. A dialog box appears showing the Used Time option you can scroll to view the remaining Time options. Use the Point ▲▼ buttons to select Scroll(s) remaining.
3. Scroll(s) remaining shows the number of the remaining scrolls and the Reset option. Select Reset and the “Scroll counter Reset?” appears. Select [Yes] to continue.
4. Another confirmation dialog box appears, select [Yes] to reset the Filter counter.



*Figure 7 Reset Scroll Counter*