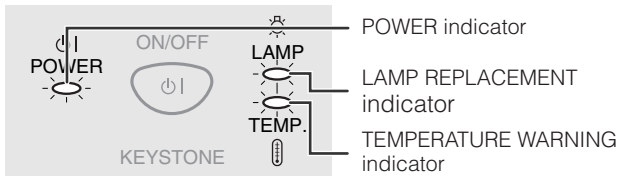




Lamp/Maintenance Indicators

Maintenance Indicators



- The warning lights on the projector indicate problems inside the projector.
- There are two warning lights: a TEMPERATURE WARNING indicator which warns that the projector is too hot, and a LAMP REPLACEMENT indicator which lets you know when to change the lamp.
- If a problem occurs, either the TEMPERATURE WARNING indicator or the LAMP REPLACEMENT indicator will illuminate red. After turning off the power, follow the procedures given below.

To buy a new Lamp, please go to <http://www.ercservice.com/lamps/sharp.html>

Maintenance Indicator	Condition	Problem	Possible Solution
TEMPERATURE WARNING indicator	The internal temperature is abnormally high.	• Blocked air intake.	• Relocate the projector to an area with proper ventilation.
		• Clogged air filter.	• Clean the filter. (See pages 37 and 38.)
		• Cooling fan breakdown. • Internal circuit failure.	• Take the projector to your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center for repair.
	The indicator flashes in red.	• Cooling down.	• Wait until the indicator stops flashing and turns off.
LAMP REPLACEMENT indicator	The lamp does not illuminate.	• Burnt-out lamp. • Lamp circuit failure.	• Carefully replace the lamp. (See pages 40 and 41.)
	The lamp requires replacement.	• Lamp has been used for over 900 hours.	• Take the projector to your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center for repair.
POWER indicator	The indicator flashes in red when the projector is on.	• The filter cover is open.	• Securely install the filter cover.

NOTE

- If the TEMPERATURE WARNING indicator illuminates, follow the solution listed above and then wait until the projector has cooled down completely before turning the power back on. (At least 5 minutes.)
- If the power is turned off and then turned on again, as during a brief rest, the LAMP REPLACEMENT indicator may be triggered, preventing the power from going on. Should this occur, remove the power cord from the wall outlet and plug it in again.

Lamp

The lamp in this projector operates for approximately 1,000 cumulative hours, depending on the usage environment. It is recommended that the lamp be replaced after 900 cumulative hours of use or when you notice a significant deterioration of the picture and color quality. The lamp usage timer can be checked with the On-screen Display. (See page 34.)

CAUTION

- Intense light hazard. Do not attempt to look into the aperture and lens while the projector is operating.

NOTE

- As the usage environment can vary significantly, the projector lamp may not operate for 1,000 hours.
- "1,000 hours" above indicates average life span and should be used for reference only. This is different than the warranty period.
- For safety, the power will not be turned on from the fourth times when turning on the power without changing the lamp after use for 1,000 hours.

Condition	Problem	Possible Solution
The LAMP REPLACEMENT indicator illuminates red, and "LAMP" will appear in yellow in the lower-left corner of the picture.	• Lamp has been used for over 900 hours.	• Purchase a replacement lamp unit (lamp cage/module) of the current type BQC-PGC20X//1 from your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center.
A significant deterioration of the picture and color quality occurs.		
The power will automatically turn off and the projector will enter standby mode.	• Lamp has been used for over 1,000 hours.	• Replace the lamp. (See pages 40 and 41.) If you wish, you may have the lamp replaced at your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center.
"LAMP" will appear in red in the lower-left corner of the picture, and the power will turn off.		





Replacing the Projection Lamp

CAUTION:

- Potential hazard of glass particles if lamp ruptures. Please have Authorized Sharp Industrial LCD Products Dealer or Service Center replace lamp if rupture occurs.
- Do not remove the lamp cage directly after operation of the projector. The lamp may be extremely hot. Wait at least one hour after the power cord is disconnected to allow the surface of the lamp cage to fully cool before removing the lamp cage.

It is recommended that the lamp be replaced after approximately 900 cumulative hours of use or when you notice a significant deterioration of the picture and color quality. Carefully change the lamp by following the steps below. If the new lamp does not light after replacement, take your projector to the nearest Authorized Sharp Industrial LCD Products Dealer or Service Center for repair. Purchase a replacement lamp unit (lamp/cage module) of the current type BQC-PGC20X//1 from your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center. Then carefully change the lamp by following the instructions below. If you wish, you may have the lamp replaced at your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center.

IMPORTANT NOTE TO U.S. CUSTOMERS:

The lamp included with this projector is backed by a 90-day parts and labor limited warranty. All service of this projector under warranty, including lamp replacement, must be obtained through an Authorized Sharp Industrial LCD Products Dealer or Service Center like Express Repair Center (www.ercservice.com)

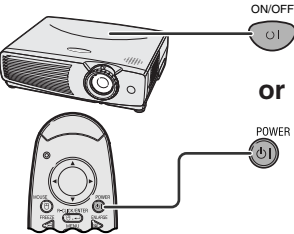
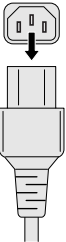
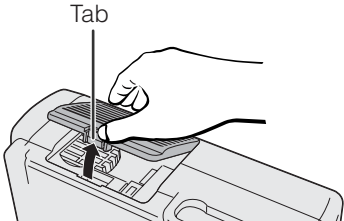
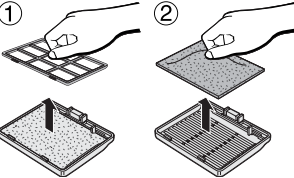
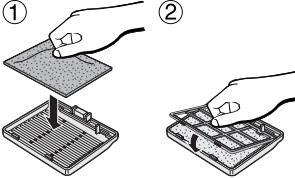
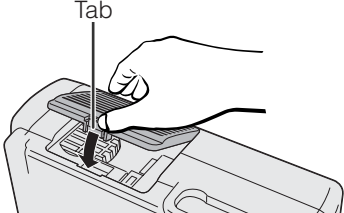
To buy a new Lamp, please go to <http://www.ercservice.com/lamps/sharp.html>

U.S.A. ONLY

Removing and installing the lamp unit

CAUTION

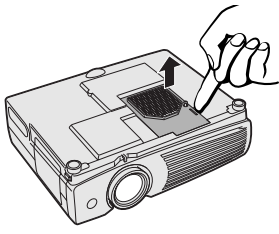
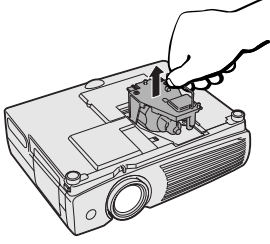
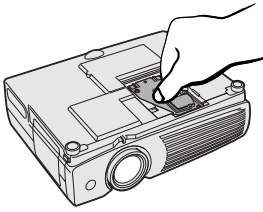
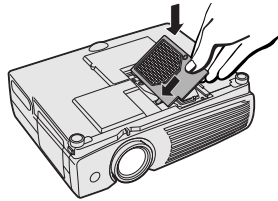
- Be sure to remove the lamp cage by the handle. Be sure not to touch the glass surface of the lamp cage or the inside of the projector.
- To avoid injury to yourself and damage to the lamp, be sure to carefully follow the steps below.
- Be sure to change the air filter during lamp replacement. The air filter comes packaged with the lamp unit.

<p>1 Turn off the power.</p> <p>Press ON/OFF on the projector or POWER on the remote control. Wait until the cooling fan stops.</p> 	<p>2 Disconnect the power cord.</p> <p>Unplug the power cord from the AC socket.</p> 	<p>3 Remove the filter cover.</p> <p>Turn over the projector. Press the tab and remove the filter cover in the direction of the arrow.</p> 
<p>4 Remove the air filter.</p> <p>① Remove the air filter stopper. ② Remove the air filter.</p> 	<p>5 Replace the air filter.</p> <p>① Put the new air filter into position. ② Put the air filter stopper back into position.</p> 	<p>6 Replace the filter cover.</p> <p>Insert the tab on the end of the filter cover into the filter cover opening and press the filter cover into position.</p> 

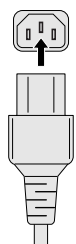
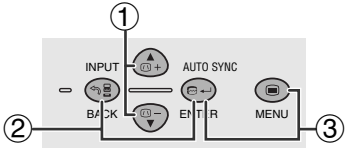
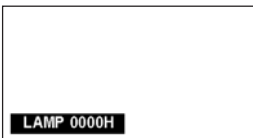




Replacing the Projection Lamp

<h3>7 Remove the lamp cage cover.</h3>	<h3>8 Remove the lamp cage.</h3>
<p>Turn over the projector and loosen the user service screw that secures the lamp cage cover. Then lift open the cover in the direction of the arrow.</p>	<p>Loosen the securing screws on the lamp cage. Hold the lamp cage by the handle and pull it towards you.</p>
	
<h3>9 Insert the new lamp cage.</h3>	<h3>10 Attach the lamp cage cover.</h3>
<p>Press the lamp cage firmly into the lamp cage compartment. Fasten the securing screws.</p>	<p>Slide the lamp cage cover in the direction of the arrow. Then tighten the user service screw.</p>
	

Resetting the lamp timer

<h3>1 Connect the power cord.</h3>	<h3>2 Reset the lamp timer.</h3>	
<p>Plug the power cord into the AC socket of the projector.</p>	<ol style="list-style-type: none"> ① Press KEystone ▲ and KEystone ▼ on the projector at the same time. ② Press INPUT and AUTO SYNC on the projector at the same time. ③ Press AUTO SYNC and MENU on the projector at the same time. 	<p>"LAMP 0000H" is displayed, indicating that the lamp timer is reset.</p>
		

NOTE

- Reset the lamp timer only after replacing the lamp.

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