

# Lamp/Maintenance Indicators

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

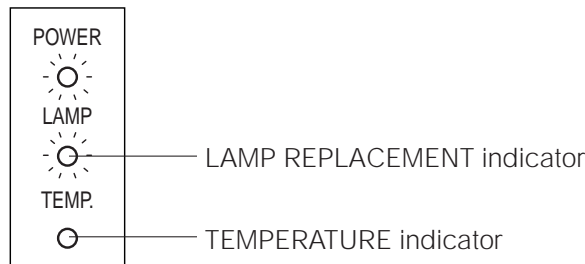
## Lamp

The Lamp has a finite operating life.

1. When the lamp is nearly burned out, the picture and color quality deteriorate. At this point, replace the lamp.
2. If the new lamp does not light after replacement, take your projector to the nearest Authorized Sharp Industrial LCD Products Dealer for repair.
  - Intense light hazard. Do not attempt to look into the aperture and lens while the projector is operating.

## Maintenance Indicators

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



Warning Indicator	Symptom	Problem	Possible Solution
TEMPERATURE indicator	The internal temperature is abnormally high.	•Blocked air intake.	• Relocate the projector to a proper location.
		•Clogged air filter.	• Clean the filter.
		•Cooling fan breakdown. •Internal circuit failure.	• Take the projector to your nearest Authorized Sharp Industrial LCD Products Dealer for repair.
LAMP REPLACEMENT indicator	The lamp does not light up.	•Burnt-out lamp.	• Carefully change the lamp.
		•Lamp circuit failure.	• Take the projector to your nearest Authorized Sharp Industrial LCD Products Dealer for repair.

### Notes:

- If the TEMPERATURE indicator light comes on, after servicing, please wait until the projector has cooled down completely before turning the power back on. (At least 5 minutes.)
- When 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. When this happens, take the power plug out of the AC outlet and put it back in again.

## Before Calling for Service

Problem	Check
No picture and no sound.	<ul style="list-style-type: none"> <li>• The projector power cord is not plugged into the AC wall outlet.</li> <li>• The main power button is not pressed.</li> <li>• The input is wrong.</li> <li>• Cables improperly connected to rear panel of the projector.</li> <li>• Remote control batteries have run down.</li> </ul>
Sound is heard but no picture appears.	<ul style="list-style-type: none"> <li>• Cables improperly connected to rear panel of the projector.</li> <li>• The BRIGHTNESS and PICTURE adjustments are set to minimum position.</li> </ul>
Color is faded or poor.	<ul style="list-style-type: none"> <li>• Check that the COLOR and TINT adjustments are correct.</li> </ul>
Picture is blurred.	<ul style="list-style-type: none"> <li>• Adjust the focus.</li> <li>• The projection distance is too long or too short to allow for proper focus.</li> </ul>
Picture appears but no sound is heard.	<ul style="list-style-type: none"> <li>• Cables improperly connected to rear panel of the projector.</li> <li>• Volume is set to minimum.</li> </ul>
An unusual sound is occasionally heard from the cabinet.	<ul style="list-style-type: none"> <li>• If the picture is normal, the sound is due to cabinet shrinkage caused by temperature changes. This will not affect operation or performance.</li> </ul>
Maintenance indicator lights up.	<ul style="list-style-type: none"> <li>• Refer to "Lamp/Maintenance Indicators"</li> </ul>

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

# Lamp Replacement

The lamp in the projector has a finite service life.

Replace the lamp when the picture starts becoming dark and color contrast deteriorates.

Purchase a replacement metal-halide lamp unit (lamp/cage module) of the current type BQC-XGE690UB1 from your nearest Authorized Sharp Industrial LCD Products Dealer.

Then change the lamp by carefully following the instructions below.

If you wish, you may bring the projector to your nearest Authorized Sharp Industrial LCD Products Dealer.

## IMPORTANT NOTE TO U.S. CUSTOMERS:

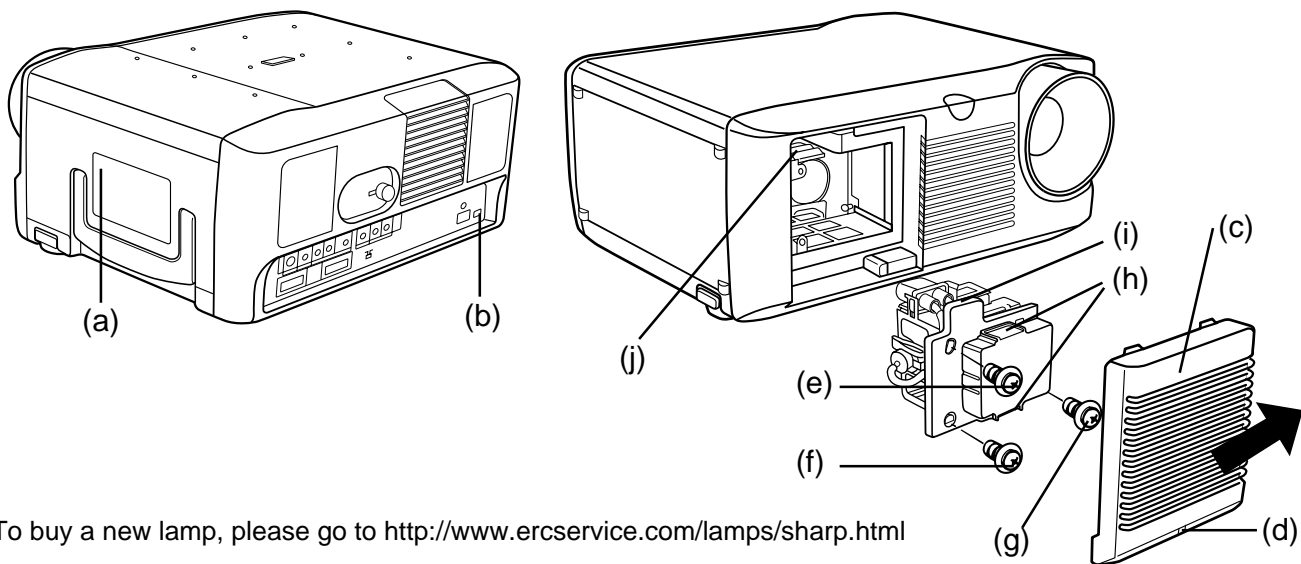
The lamp included with this projector is backed by a 90-day parts and labor limited warranty. All service of this projector under warranty, including lamp replacement, must be obtained through an Authorized Sharp Industrial LCD Products Dealer or Service Center like Express Repair Center ([www.ercservice.com](http://www.ercservice.com))

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

U.S.A. ONLY

## How to Change the Lamp

**Precaution:** Take care not to touch either the lamp in the lamp cage, the inner surface of the reflector mirror, or the mirrors in the optical unit with your bare hands.



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

### Removing the lamp unit (see figure)

1. Press the power button (a) off. After the cooling fan stops, press the MAIN POWER button (b) OFF. Remove the power cord from the AC outlet.
2. The lamp may be extremely hot. Wait at least an hour after the power cord is disconnected before carrying out the following procedures.
3. Unfasten the user service screw (d) that secures the lamp cage cover (c), shown in the above diagram, and remove the cover by pulling it in the direction of the arrow.

**Note:** When the lamp cage cover (c) has been removed, check that the surface of the lamp cage (i) has fully cooled before proceeding with step 4.

4. After the lamp cage (i) has sufficiently cooled, remove securing screws (e), (f) and (g) from the lamp cage.
5. Hold lamp cage (i) by the handle (h) and pull it towards you.

**Caution:** Because some parts may not be sufficiently cooled, be sure to remove the lamp cage by the handle while taking care not to touch the metallic areas.

### Installing the lamp unit

1. Hold lamp cage (i) by the handle (h) and press it in firmly while making sure that the lamp cage (i) properly connects to the connector (j).
2. Tighten screws (e), (f) and (g), then perform the above instructions in the reverse order.