



Lamp unit replacement and care

Replacing the lamp unit (User-replaceable component)



**WARNING: RISK OF
ELECTRIC SHOCK!**



TO REDUCE THE RISK OF ELECTRIC SHOCK, **NEVER REMOVE TV COVERS, EXCEPT AS SPECIFIED HEREIN.** REFER ALL SERVICING NOT SPECIFIED IN THIS MANUAL TO QUALIFIED SERVICE PERSONNEL. Failure to follow this WARNING may result in death or serious injury.

The light source for this TV is a mercury lamp with internal atmospheric pressure that increases during use. The lamp has a limited service life that varies depending on product use and user settings.

As is generally the case with all projection TVs that use projection lamps as a light source, the brightness of the lamp in this TV may vary somewhat over the expected service life and will generally decrease over time. The average useful service life for the lamp is approximately 8,000 hours in LOW POWER mode or 6,000 hours in HI BRIGHT mode. See "Selecting the Lamp mode" on page 72 for information on switching the lamp mode. Because these are averages, some lamps will require earlier replacement.

Note: *The lamp is warranted only for the periods and to the extent set forth in the Limited Warranty applicable to this set, which is a substantially shorter period of time than the average useful service period. See "Limited United States Warranty" on page 102 or "Limited Canada Warranty" on page 103, as applicable.*

If you use the lamp beyond its service life:

- you may notice a reduction in the colors and/or brightness of the picture; and
- the strength of the quartz glass in the lamp will be reduced and the lamp may rupture (often making a loud noise when this happens). If the lamp ruptures, the TV will not operate until the lamp unit is replaced.

Note: *The lamp unit is designed so broken lamp glass remains securely inside the lamp unit.*



CAUTION: Always handle the lamp unit with care.

The lamp unit in this TV was designed for safe replacement by consumers; however, if the lamp unit is subjected to intentional abuse, the unit may break, exposing sharp edges or pinch points.

When to replace the lamp unit

You should replace the lamp unit:

- if the picture darkens and/or colors fade;
- if the screen (lamp) does not light (**LED indication #3, page 94**); or
- if you hear a loud noise and the picture goes black, which may indicate a lamp rupture (**LED indication #3, page 94**).

To obtain a replacement lamp unit:

- **In the U.S.:**

	Web	Contact
In warranty	www.tacp.toshiba.com/service	Call toll-free 1-800-631-3811.
Out of warranty	www.ceaccessories.toshiba.com	Consult your consumer electronics dealer for availability.

- **In Canada:**

Contact a Toshiba parts distributor by directing your web browser to www.toshiba.ca. Click "Home Entertainment," and then click "Support."

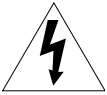
Use the replacement lamp unit model listed below only. Using any other lamp may cause damage to the TV and/or lamp.




CAUTION: Always replace with same type lamp unit: Model No. TB25-LMP (Stock no. 23311083)

Lamp unit replacement and care (continued)

How to replace the lamp unit




**WARNING: RISK OF
ELECTRIC SHOCK!**




TO REDUCE THE RISK OF ELECTRIC SHOCK, **NEVER REMOVE TV COVERS, EXCEPT AS SPECIFIED HEREIN.** REFER ALL SERVICING NOT SPECIFIED IN THIS MANUAL TO QUALIFIED SERVICE PERSONNEL. Failure to follow this WARNING may result in death or serious injury.

Required tools: Manual Phillips screwdriver; gloves.
Optional tool: 5/32" or 4mm Allen wrench.


1. Turn off the TV and unplug the power cord.




WARNING: Eye damage may result from directly viewing the light produced by this lamp. Always turn off the TV and unplug the power cord before opening the lamp unit door.



2. **STOP!** Allow the lamp to cool for at least one (1) hour before replacing it.

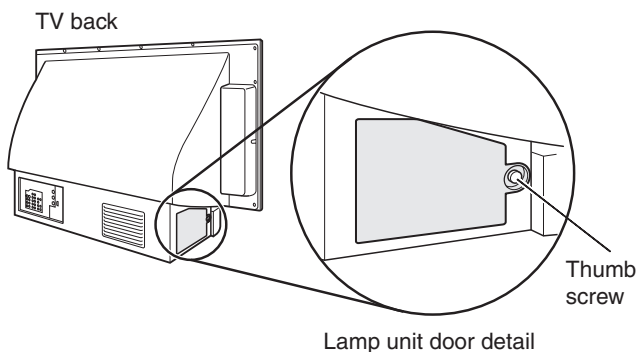


CAUTION: HOT SURFACE!
The temperature of the lamp immediately after use exceeds 392°F (200°C).

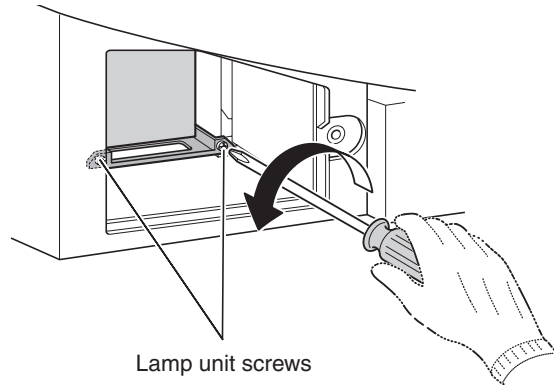



Touching the lamp before it has cooled will result in severe burns. **ALLOW THE LAMP TO COOL FOR AT LEAST ONE (1) HOUR BEFORE REPLACING IT.**

3. On the lamp unit door on the side of the TV, loosen the thumb screw by hand or by using a 5/32" or 4mm Allen wrench, and then remove the lamp unit door.




4. Using a manual Phillips screwdriver, loosen the two screws on the lamp unit.



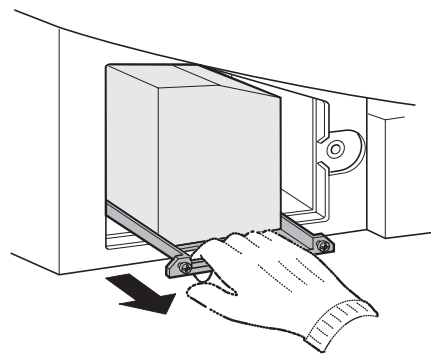


**WARNING: RISK OF
ELECTRIC SHOCK!**



The lamp unit door is provided with an interlock to reduce the risk of electric shock and excessive ultraviolet radiation. **Never defeat its purpose or attempt to service without removing the lamp unit door completely.** Failure to follow this WARNING may result in death or serious injury.

5. Grasp the lamp unit handle and gently pull the lamp unit straight out of the TV. Set the old lamp unit aside (see "Disposing of the used lamp unit" on page 100).





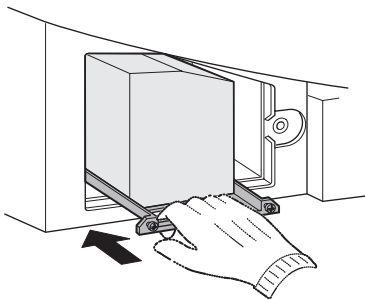
Note: Wear gloves when replacing the lamp unit.

(Continued on next page)

Lamp unit replacement and care (continued)

How to replace the lamp unit (continued)

6. Carefully insert the new lamp unit straight into the TV until it is fully seated.



Note :

- Never subject the lamp unit to excessive shock.
- Never touch the lamp unit glass or otherwise get it dirty. Doing so may affect the image quality and reduce the service life of the lamp. See "Cleaning the lamp unit glass" below.

CLEANING THE LAMP UNIT GLASS

If you accidentally touch the lamp unit glass or otherwise get it dirty, wipe it with a lint-free lens cleaning cloth (such as a cloth for cleaning camera lenses or eyeglasses).

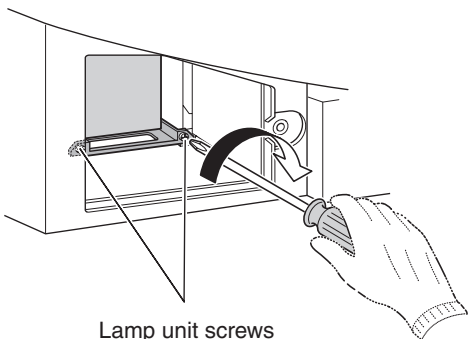


CAUTION: NEVER clean a hot lamp with any type of flammable liquid or aerosol cleaning agent. Many ordinary cleaning agents

(such as glass cleaners) contain chemicals that may be flammable at certain temperatures. If the lamp unit is not allowed to cool for at least one (1) hour, such chemicals may ignite.

7. Using a manual Phillips screwdriver, tighten the two lamp unit screws.

Note: Hand-tighten only. Do not use an electric screwdriver.



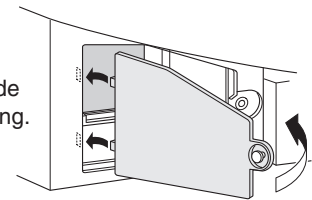
Lamp unit screws
(use manual Phillips screwdriver only)



NOTE : Make sure the lamp unit and screws are installed securely; otherwise, the TV may not turn on and the lamp life may be shortened.

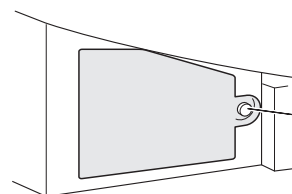
8. Reattach the lamp unit door, making sure to insert the hooks on the left side of the lamp unit door inside the opening in the TV cabinet.

Insert the hooks inside the TV cabinet opening.



Lamp unit door

9. Replace the thumb screw and hand-tighten.



Thumb screw
(hand-tighten only)

Lamp unit door



NOTE : Make sure the lamp unit door is installed securely; otherwise, the TV may not turn on.

10. Plug in the power cord and turn on the TV. After the initial warmup period (which may take several seconds for full picture brightness), the TV should operate normally. If any of the following conditions exist, turn off the TV, unplug the power cord, and repeat steps 1–9 to ensure that the lamp unit and lamp unit door are installed correctly:

- No picture • Dark picture • TV will not turn on

If, after repeating steps 1–9, the problem still exists:

- In the U.S., call Customer Service at 1-800-631-3811.
- In Canada, locate the nearest Toshiba authorized service depot by directing your web browser to www.toshiba.ca; click "Home Entertainment," and then click "Support."

Disposing of the used lamp unit

- Place the used lamp unit in the empty box from the new unit.
- Keep the lamp unit out of reach of children and pets.



CAUTION: Always handle the lamp unit with care.

The lamp unit in this TV was designed for safe replacement by consumers; however, if the lamp unit is subjected to intentional or accidental abuse (such as excessive mechanical abuse or handling by children or pets), the unit may break, exposing sharp edges or pinch points.

- Dispose of the used lamp unit by the approved method for your area.



NOTE : The lamp unit contains mercury. Disposal of mercury may be regulated due to environmental considerations. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance (www.eiae.org).