

TCETVMVXR wangchaoyuan

TCETVMVXR LED Bar Replacement Kit Instruction Manual

This manual provides essential information for the safe and effective installation and use of your TCETVMVXR LED Bar Replacement Kit.

1. PRODUCT OVERVIEW

The TCETVMVXR LED Bar Replacement Kit is designed to replace faulty LED backlights in compatible Toshiba 55-inch television models. Each kit contains 9 LED strips, with each strip measuring 577mm in length and featuring 6 LED beads, each operating at 3V.

Compatible TV Models:

- Toshiba 55V5863DG, 55T6863DB, 55V5863DA, 55VL3A6, 55UD8400
- TX55GXW584, 55HK25T74U, L55UE19
- SVV550AQ9, VES550QNYL-2D-N01
- 55SBU700, 55SBU720, 55R753, 55R7020, 55UD8470

2. SAFETY INFORMATION

Please read and adhere to the following safety guidelines before proceeding with installation:

- **Power Disconnection:** Always disconnect the television from the main power source before beginning any installation, repair, or maintenance work.
- **Careful Handling:** Handle LED strips with extreme care to avoid bending, twisting, or damaging the delicate electronic components and LED beads.
- **Static Electricity:** Take proper grounding and anti-static discharge precautions (e.g., using an anti-static wrist strap) when working with electronic components to prevent damage from electrostatic discharge.
- **Professional Assistance:** If you are unsure about any step of the installation process or lack experience with television repair, consult a qualified technician.
- **Tool Safety:** Use appropriate tools for disassembly and reassembly, and ensure they are in good condition.

3. PACKAGE CONTENTS

Your TCETVMVXR LED Bar Replacement Kit includes:

- 1 set = 9 pcs LED Strip

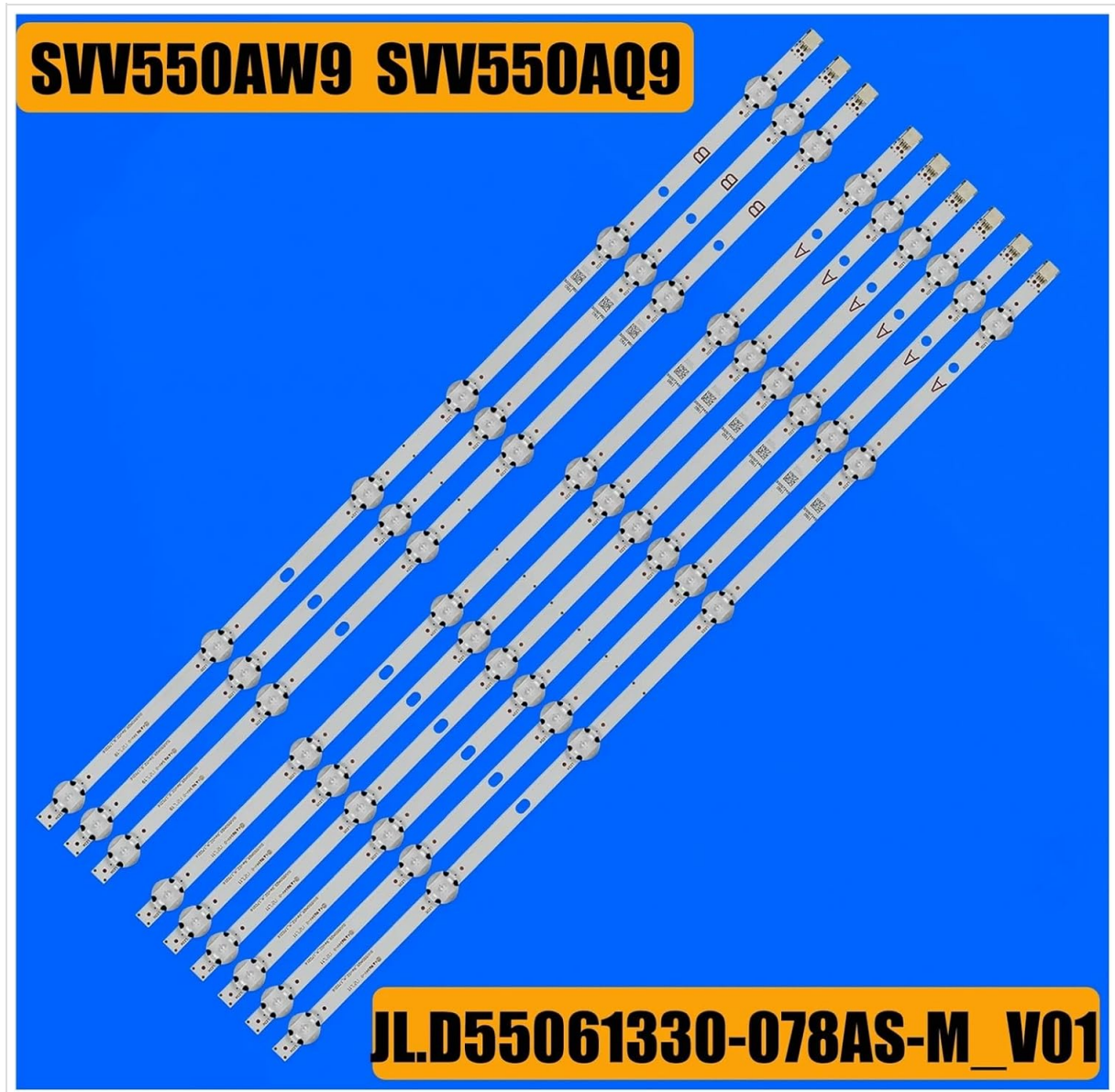


Image showing the complete set of 9 LED backlight strips, labeled SVV550AW9 and SVV550AQ9, with part number JLD.D55061330-078AS-M_V01.

4. SETUP AND INSTALLATION

4.1. Preparation

1. Ensure the television is powered off and unplugged from the wall outlet.
2. Place the television face down on a soft, clean, and stable surface (e.g., a blanket or foam pad) to prevent screen damage during disassembly.
3. Gather necessary tools, which typically include various screwdrivers, plastic pry tools, and an anti-static wrist strap.

4.2. Disassembly

1. Carefully remove the television's back cover. Refer to the manufacturer's service manual for your specific TV model for precise screw locations and panel removal techniques.
2. Once the back cover is removed, locate the existing LED backlight strips. These are typically found

behind the LCD panel and diffuser layers.

3. Gently disconnect any cables attached to the LED strips and carefully remove the old LED strips from the TV panel. Note their orientation and placement for reference.

4.3. Installation of New LED Strips



Close-up view of two individual LED backlight strips, showing the LED lenses and connection points. Note the 'A' and 'B' markings for orientation.



Rear view of two LED backlight strips, displaying model numbers SVV550AQ9_Rev02_A_170216 and SVV550AQ9_Rev02_B_170216.



Detail of the connector ends of the LED strips, showing the electrical contacts.

1. Carefully align and place the new TCETVMVXR LED strips into their designated positions within the TV panel. Ensure all strips are correctly oriented (e.g., 'A' and 'B' strips as indicated by markings on the strips and the TV chassis).
2. Connect the new LED strips to the TV's power board, ensuring all connections are secure and properly seated.
3. **Preliminary Test:** Before reassembling the TV, perform a preliminary power-on test. With extreme caution and without touching internal components, temporarily plug in the TV and power it on to verify that the new backlights illuminate correctly and evenly. Immediately power off and unplug the TV after verification.

4.4. Reassembly

1. Once the LED strips are verified, carefully reassemble the TV. Ensure all diffuser sheets, LCD panel, and frame components are correctly seated before replacing the back cover.
2. Replace all screws, ensuring they are tightened securely but avoid overtightening, which can damage plastic components.
3. Plug the television back into the power outlet and test its full functionality.

5. OPERATING INSTRUCTIONS

This product is a replacement component for a television's backlight system. Its operation is integrated with the television's normal functions. No separate operating instructions are required beyond the television's own user manual. The LED bars will illuminate when the television is powered on and display content.

6. MAINTENANCE

The LED strips themselves require no routine maintenance. To ensure optimal performance and longevity of all internal components, including the LED backlights, follow these general guidelines:

- **Dust Control:** Keep the television free from excessive dust accumulation. Use a soft, dry cloth to gently clean the exterior.
- **Environmental Conditions:** Avoid exposing the television to extreme temperatures, high humidity, or direct sunlight.
- **Ventilation:** Ensure adequate ventilation around the television to prevent overheating.

7. TROUBLESHOOTING

If you encounter issues after installing the LED bar replacement kit, consider the following:

Problem	Possible Cause / Solution
No Backlight / Dim Screen	Verify all LED strip connections are secure and correctly seated. Check for any visible damage to the LED strips or associated wiring. Ensure the TV's power board and LED driver circuit are functioning correctly (may require professional diagnosis).
Uneven Lighting / Dark Spots	Inspect individual LED beads on the strips for any signs of failure (e.g., burnt out LEDs). Ensure the diffuser sheets and other optical layers within the TV panel are correctly seated and not damaged.
Flickering Backlight	Check power connections to the LED strips and the TV's power supply. This could indicate an issue with the TV's power board or LED driver circuit, which may require professional repair.
TV Not Powering On	Double-check all internal connections made during installation. Ensure the TV's power cable is securely plugged into a working outlet. This issue may be unrelated to the LED strips and could indicate a problem with the TV's main power supply or motherboard.

General Advice: For complex or persistent issues, it is recommended to consult a professional television repair technician.

8. SPECIFICATIONS

Feature	Detail
Brand	TCETVMVXR

Feature	Detail
Model Number (Internal Reference)	wangchaoyuan
Length per LED Strip	577mm
Number of LED Beads per Strip	6
Voltage per LED Lamp	3V
Package Includes	9 LED Strips
Item Weight	50 Grams (1.76 ounces)
Package Dimensions	1.18 x 0.79 x 0.39 inches

9. WARRANTY INFORMATION

This TCETVMVXR LED Bar Replacement Kit is a component part. Specific warranty details for this component should be confirmed with the retailer or manufacturer at the time of purchase. Standard consumer protection laws apply. Extended protection plans may be available for the television itself, but typically do not cover self-installed replacement parts unless explicitly stated by the plan provider.

10. SUPPORT

For technical assistance or inquiries regarding this product, please contact your point of purchase or refer to the TCETVMVXR official support channels if available. When contacting support, please provide your product model number (**wangchaoyuan**) and a detailed description of the issue you are experiencing.