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SHAUOTR EBR855656 11

SHAUOTR Motherboard Control Module for LG EBR855656 11 Drum Washing Machine User Manual

Brand: SHAUOTR | **Model:** EBR855656 11

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of the SHAUOTR Motherboard Control Module, compatible with LG EBR855656 11 drum washing machines. This module is designed to replace a faulty original motherboard, restoring the core functions of your washing machine, including washing, dewatering, and draining cycles.

Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage.

2. Safety Information

WARNING: Electrical shock hazard. Always disconnect power to the washing machine before servicing or installing this module.

- Installation should only be performed by qualified technicians or individuals with experience in appliance repair and electrical systems.
- Wear appropriate personal protective equipment, including insulated gloves and safety glasses.
- Ensure the washing machine is completely unplugged from the power outlet before beginning any work.
- Do not operate the washing machine with damaged wiring or components.
- Keep children and pets away from the appliance during installation and repair.

3. Package Contents

Verify that all items are present and undamaged upon opening the package:

- 1 x SHAUOTR Motherboard Control Module (Compatible for LG EBR855656 11)



Image 1: SHAUOTR Motherboard Control Module. This image shows the main control board with various connectors and electronic components.

4. Installation Instructions

The installation of a washing machine control module requires technical knowledge and careful handling of electrical components. If you are not confident in your ability to perform this installation safely, it is highly recommended to seek assistance from a certified appliance technician.

General Installation Steps:

1. **Disconnect Power:** Unplug the washing machine from the wall outlet. Turn off the circuit breaker supplying power to the laundry area.
2. **Access the Control Panel:** Depending on your LG washing machine model (EBR855656 11), you may need to remove the top panel or access panel to reach the existing motherboard. Refer to your specific washing machine's service manual for detailed access instructions.
3. **Document Connections:** Before disconnecting any wires, take clear photographs or make detailed diagrams of all

wire connections to the old motherboard. This will be crucial for correct reassembly.

4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old motherboard. Note any clips or locking mechanisms.
5. **Remove Old Motherboard:** Unscrew or unclip the old motherboard from its housing.
6. **Install New Motherboard:** Position the new SHAUOTR control module in the same location as the old one and secure it with the original screws or clips.
7. **Reconnect Wires:** Using your photographs or diagrams, carefully reconnect all wire harnesses and connectors to the new motherboard. Ensure all connections are secure and correctly seated.
8. **Reassemble:** Reattach any panels or covers that were removed.
9. **Restore Power:** Plug the washing machine back into the wall outlet and turn on the circuit breaker.
10. **Test Functionality:** Run a test cycle on the washing machine to ensure all functions (washing, rinsing, spinning, draining) operate correctly.

5. Operation

The SHAUOTR Motherboard Control Module serves as the central processing unit for your LG EBR855656 11 drum washing machine. Once correctly installed, it manages and controls all washing machine functions as per the user's selections on the washing machine's control panel.

- It optimizes startup and response speed, allowing the washing machine to enter working condition faster.
- It efficiently manages washing, dewatering, and drainage cycles.
- The module is designed with an optimized heat dissipation structure to ensure long-term stable operation.
- Its optimized circuit design contributes to reduced energy consumption.

Refer to your LG washing machine's original user manual for specific instructions on selecting wash cycles, settings, and operating the appliance.

6. Maintenance

The SHAUOTR Motherboard Control Module is a sealed electronic component and generally requires no user maintenance. To ensure its longevity and proper function:

- **Keep Dry:** Ensure the washing machine's environment remains dry to prevent moisture damage to electronic components.
- **Clean Exterior:** Periodically clean the exterior of the washing machine and control panel with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Ventilation:** Ensure the washing machine has adequate ventilation to prevent overheating, which can affect electronic components.

Do not attempt to open or repair the module yourself, as this may void any potential warranty and could cause further damage.

7. Troubleshooting

If your washing machine experiences issues after installing the new control module, refer to the following table for common problems and potential solutions. Always disconnect power before inspecting any internal components.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Washing machine does not power on.	No power supply; loose connections; faulty power cord.	Check power outlet and circuit breaker. Ensure all module connections are secure.
Specific functions (e.g., wash, spin) not working.	Incorrect wiring; sensor issue; component failure.	Review wiring diagrams and ensure all connections are correct. Consult a technician if problem persists.
Error codes displayed.	Specific component fault; communication error.	Refer to your LG washing machine's original user manual or service manual for error code definitions and troubleshooting steps.
Intermittent operation.	Loose connections; power fluctuations.	Check all wire connections for tightness. Ensure stable power supply.

If troubleshooting steps do not resolve the issue, contact customer support or a qualified technician.

8. Specifications

- **Product Name:** Washing Machine Motherboard Control Module
- **Brand:** SHAUOTR
- **Compatible Models:** LG EBR855656 11 Drum Washing Machine
- **Part Number:** SHAUOTR (Manufacturer's internal part number)
- **Item Weight:** 1.76 ounces (approx. 50 grams)
- **Package Dimensions:** 1.18 x 0.79 x 0.39 inches (approx. 3 x 2 x 1 cm)
- **Item Model Number:** SHAUOTR
- **Quantity:** 1 piece
- **Function:** Controls core washing machine functions (washing, dewatering, draining)

9. Warranty and Support

For warranty information, technical support, or assistance with installation and troubleshooting, please contact the SHAUOTR customer service department through the retailer where the product was purchased. Please have your purchase details and the product model number (EBR855656 11) available when contacting support.

Note: Unauthorized repairs or modifications to the control module may void any applicable warranty.

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