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> Instruction Manual for Samsung Washing Machine Control Board Replacement

CRLED 3256802861262657

Instruction Manual for Samsung Washing Machine Control Board Replacement

Model: 3256802861262657

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the CRLED replacement control board for Samsung washing machines. This part is designed to replace specific Samsung washing machine control boards, including models WD12J8420GX /SC, DC92-01725A, DC92-01726A, and DC92-1724A. Please read this manual thoroughly before attempting any installation or repair.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Always disconnect power to the washing machine before servicing. Failure to do so can result in serious injury or death.

- Ensure the washing machine is unplugged from the power outlet before beginning any work.
- If you are not experienced with electrical repairs or appliance servicing, it is highly recommended to seek assistance from a qualified technician.
- Wear appropriate personal protective equipment, such as insulated gloves, if necessary.
- Handle the control board by its edges to avoid damaging electronic components or static discharge.
- Verify that the replacement part number matches the original part number before installation.

3. PRODUCT OVERVIEW

The replacement control board is a critical electronic component responsible for managing various functions of your Samsung washing machine. It integrates the main processing unit, power supply circuits, and connectors for various sensors, motors, and user interface components.



Figure 3.1: An overhead view of the replacement washing machine control board, showing its various electronic components, circuits, and connectors.

4. SETUP AND INSTALLATION

Installation of this replacement part requires technical knowledge and should only be performed by individuals familiar with appliance repair and electrical safety procedures.

1. **Disconnect Power:** Unplug the washing machine from the wall outlet.
2. **Access the Control Board:** Depending on your washing machine model, you may need to remove the top panel, back panel, or front panel to access the existing control board. Refer to your washing machine's service manual for specific access instructions.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make detailed diagrams of all wire connections to the old control board. This is crucial for correct reassembly.
4. **Remove Old Board:** Carefully disconnect all wire harnesses and mounting screws securing the old control board. Remove the old board.
5. **Install New Board:** Position the new replacement control board in the same location as the old one. Secure it with the

appropriate mounting screws.

6. **Reconnect Wires:** Using your documented photos/diagrams, carefully reconnect all wire harnesses to the new control board. Ensure all connections are secure and correctly seated.
7. **Reassemble Appliance:** Reattach any panels or covers that were removed to access the board.
8. **Test Functionality:** Plug the washing machine back into the power outlet. Perform a test cycle to ensure the new control board is functioning correctly and all washing machine operations are normal.

5. OPERATING INSTRUCTIONS

Once the replacement control board is successfully installed, the washing machine should operate according to its original manufacturer's specifications. No special operating procedures are required for the control board itself. Refer to your washing machine's user manual for specific operating instructions for your appliance model.

- After installation, run a short test cycle (e.g., Rinse & Spin) to confirm proper functionality.
- Check for any error codes displayed on the washing machine's panel.
- Ensure all washing cycles and functions (water fill, agitation, drain, spin) operate as expected.

6. MAINTENANCE

The control board itself requires minimal maintenance. To ensure its longevity and proper function:

- **Keep Dry:** Ensure the area around the control board remains dry and free from moisture, which can cause short circuits and damage.
- **Cleanliness:** Periodically, if accessible and with power disconnected, gently remove any dust or debris that may accumulate on the board using a soft brush or compressed air.
- **Avoid Physical Damage:** Protect the board from impacts or excessive vibrations.

7. TROUBLESHOOTING

If you encounter issues after replacing the control board, consider the following troubleshooting steps:

- **No Power/No Function:**
 - Check if the washing machine is properly plugged into a working outlet.
 - Verify the circuit breaker for the washing machine has not tripped.
 - Ensure all wire harnesses are securely connected to the new control board.
- **Error Codes:**
 - Consult your washing machine's user manual or service manual for the meaning of specific error codes.
 - Some error codes may indicate issues with other components, not necessarily the control board itself.
- **Incorrect Operation:**
 - Double-check all wire connections against your documented diagrams to ensure they are correctly matched.
 - Ensure the replacement board is the correct model for your washing machine.
- **Persistent Issues:** If problems persist after checking connections and verifying the correct part, it is advisable to contact a qualified appliance repair technician for diagnosis and repair.

8. SPECIFICATIONS

Brand	CRLED
Model Number	3256802861262657
Part Numbers Replaced	WD12J8420GX /SC, DC92-01725A, DC92-01726A, DC92-1724A
Manufacturer	CRLED
ASIN	B0CM275KLH
Date First Available	October 29, 2023

9. WARRANTY AND SUPPORT

Warranty information for this replacement part is typically provided by the seller or manufacturer at the time of purchase. Please refer to your purchase documentation or contact the seller directly for details regarding warranty coverage, returns, and technical support.

For further assistance or professional repair, please contact a certified appliance technician.

