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Brand: XCHANG | Model: DWF-A1088 / 11210761

1. INTRODUCTION

This instruction manual provides essential information for the proper handling, installation, operation, and maintenance of the XCHANG Daewoo Washing Machine Computer Control Board, part numbers DWF-A1088 and 11210761. This board is designed as a replacement component for compatible Daewoo washing machines. Please read this manual thoroughly before attempting any installation or repair to ensure safety and correct functionality.

2. PRODUCT OVERVIEW AND FEATURES

The computer control board is the central processing unit for your washing machine, managing various functions to ensure efficient and effective washing cycles.



Image 1: XCHANG Daewoo Washing Machine Computer Control Board. This image displays the full circuit board, featuring a digital display panel showing '88' and a washing tub icon, various connectors (red, blue, white), multiple push-buttons, and integrated electronic components such as capacitors, resistors, and relays. The board also includes markings like 'J26', 'J24', 'J25', 'J33', and part numbers '11210761', '11210772', '11210785'.

- **Main Control Chip:** The core component responsible for managing the washing machine's overall operation and control logic.

- **Sensors:** Integrates with various sensors to monitor parameters such as water temperature, humidity, and water level, enabling precise control during wash cycles.
- **Energy Saving Function:** Features intelligent control capabilities to optimize energy consumption, including automatic adjustment of water levels and washing times based on load size.
- **Washing Programs:** Pre-programmed with multiple washing cycles (e.g., standard wash, quick wash, wool wash), allowing users to select the appropriate program via the washing machine's interface.
- **Fault Diagnosis Function:** Equipped with a self-diagnosis system that displays specific fault codes in case of an error, assisting in troubleshooting and repair.

3. SAFETY INFORMATION

Always prioritize safety when handling electronic components. Failure to follow these guidelines may result in electric shock, injury, or damage to the appliance.

- **Disconnect Power:** Always ensure the washing machine is completely disconnected from the main power supply before attempting any installation, removal, or inspection of the control board.
- **Static Electricity:** Electronic components are sensitive to electrostatic discharge (ESD). Handle the board by its edges and avoid touching exposed circuitry. Consider using an anti-static wrist strap.
- **Professional Installation:** Installation of this control board should ideally be performed by a qualified technician. Incorrect installation can lead to appliance malfunction or safety hazards.
- **Inspect for Damage:** Before installation, visually inspect the new control board for any signs of physical damage. Do not install a damaged board.
- **Keep Dry:** Ensure the control board and its connections remain dry at all times. Moisture can cause short circuits and damage.

4. INSTALLATION AND SETUP

This section provides general guidance for replacing a washing machine control board. Specific steps may vary depending on your washing machine model. Refer to your washing machine's service manual for detailed instructions.

1. **Preparation:** Disconnect the washing machine from the power outlet and turn off the water supply. Move the machine to an area with adequate space for access.
2. **Access the Control Board:** Depending on your washing machine model, you may need to remove the top panel, back panel, or front control console to access the existing control board.
3. **Document Connections:** Before disconnecting any wires, take clear photographs or make detailed diagrams of all wire connections to the old control board. Note the color and position of each wire.
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 XCHANG DWF-A1088 / 11210761 control board in place and secure it with the mounting screws.
6. **Connect Wires:** Refer to your photographs or diagrams to reconnect all wire harnesses to the corresponding terminals on the new board. Ensure all connections are secure and correctly seated.
7. **Reassemble:** Carefully reassemble any panels or components that were removed.
8. **Test Functionality:** Reconnect the washing machine to the power supply and turn on the water supply. Perform a test cycle to verify that all functions operate correctly.

5. OPERATION

The XCHANG DWF-A1088 / 11210761 control board operates as the brain of your washing machine. It interprets user selections from the control panel, processes data from various sensors, and sends commands to the machine's components (e.g., motor, water valves, drain pump) to execute the chosen washing program.

The integrated digital display on the board, visible through the washing machine's control panel, provides feedback on the current status, remaining time, or selected program. The board's internal programming ensures that each step of the wash cycle, from water filling and agitation to rinsing and spinning, is performed accurately and efficiently according to the selected program and sensor inputs.

6. MAINTENANCE

The control board is a robust electronic component designed for longevity. Minimal maintenance is required, but adhering to the following guidelines can help ensure its continued performance:

- **Keep Environment Dry:** Ensure the area around the control board within the washing machine remains dry and free from moisture or water leaks.
- **Avoid Physical Impact:** Protect the washing machine from strong impacts or vibrations that could potentially damage the internal circuitry of the control board.
- **Clean Gently:** If cleaning is necessary, ensure the washing machine is unplugged. Use a soft, dry cloth to gently wipe away dust. Avoid using liquid cleaners directly on the board.
- **Regular Appliance Maintenance:** Perform regular maintenance on the washing machine itself (e.g., cleaning detergent dispenser, checking hoses) to prevent issues that could indirectly affect the control board.

7. TROUBLESHOOTING

The XCHANG DWF-A1088 / 11210761 control board includes a fault diagnosis function. If an issue occurs, the board may display a specific error code on the washing machine's control panel.

- **Identify Fault Code:** Note any error codes displayed on the washing machine's screen.
- **Consult Washing Machine Manual:** Refer to your specific Daewoo washing machine's user manual or service manual for a comprehensive list of fault codes and their corresponding troubleshooting steps. These manuals will provide detailed information on what each code signifies and how to address the underlying problem.
- **Common Issues:** Many issues can be resolved by simple checks such as ensuring the power supply is stable, water inlet valves are open, and drain hoses are not clogged.
- **Professional Assistance:** If the issue persists after consulting your washing machine's manual and performing basic checks, it is recommended to contact a qualified appliance repair technician.

8. SPECIFICATIONS

| Specification | Detail |
|--------------------|-------------------------------------|
| Part Number | DWF-A1088, 11210761 |
| Quantity | 1 PCS |
| Origin | Mainland China |
| Type | Washing Machine Parts |
| Package Dimensions | 1.18 x 0.79 x 0.39 inches |
| Item Weight | 1.76 ounces |
| Manufacturer | changjucai (as per product listing) |
| Assembly Required | No (as a component) |
| Number of Pieces | 1 |

9. WARRANTY AND SUPPORT

For warranty information and customer support regarding your XCHANG Daewoo Washing Machine Computer Control Board, please refer to the documentation provided at the time of purchase or contact the seller directly. Ensure you have your purchase details and the product's part numbers (DWF-A1088 / 11210761) available when seeking support.