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› XFHDHR Washing Machine Computer Board User Manual for Little Swan TB100V23H, TB80V23H, TB90V23H, TB80V22W

XFHDHR deng17546yapin

XFHDHR Washing Machine Computer Board User Manual

Model: deng17546yapin

Compatible with Little Swan Models: TB100V23H, TB80V23H, TB90V23H, TB80V22W

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of the XFHDHR Washing Machine Computer Board. This control board is designed as a replacement or repair component for specific Little Swan washing machine models, ensuring proper functionality and extending the service life of your appliance. Please read this manual thoroughly before proceeding with any installation or repair work.

2. SAFETY INFORMATION

WARNING:

- Always disconnect the washing machine from the power supply before attempting any installation, repair, or maintenance. Failure to do so can result in electric shock, serious injury, or death.
- Installation should only be performed by qualified technicians or individuals with experience in appliance repair. Incorrect installation can damage the appliance or cause safety hazards.
- Wear appropriate personal protective equipment (PPE), such as insulated gloves and safety glasses, during installation.
- Ensure all connections are secure and properly insulated after installation.
- Do not attempt to modify the computer board. Any modifications can void the warranty and create safety risks.

3. PRODUCT OVERVIEW

The XFHDHR Washing Machine Computer Board is a critical component responsible for controlling various functions of your washing machine, including water level detection, temperature control, and washing

modes. It is manufactured with high-quality chips and components to ensure stable and reliable operation.

Features:

- Precise water level detection.
- Intelligent temperature control.
- Multiple washing mode switching capabilities.
- Designed for stable and reliable performance.

Component Identification:

Refer to the images below for a visual guide to the computer board's components and connectors.

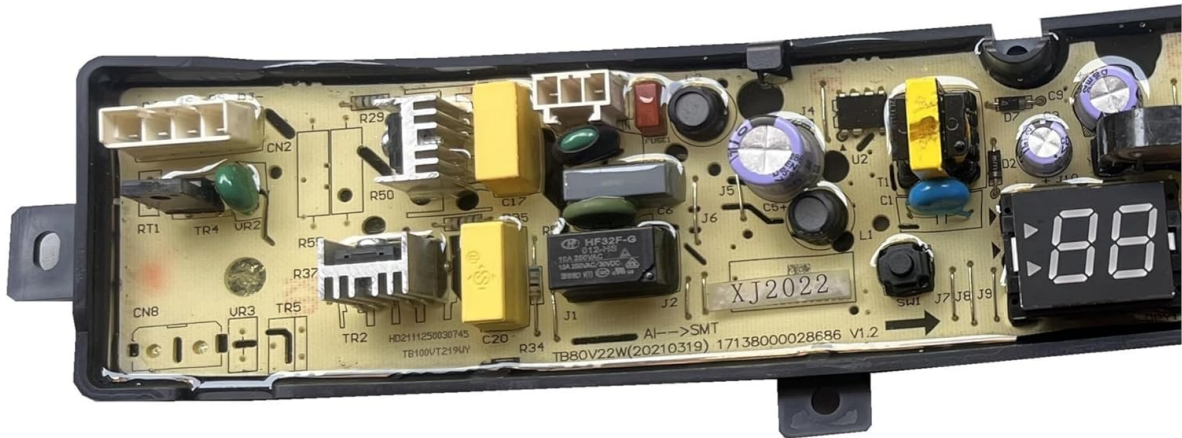


Figure 3.1: Top view of the XFHDHR Washing Machine Computer Board. This image displays the main circuit board with various capacitors, resistors, relays, and connectors. A digital display is visible on the right side, showing '88'. Key connectors like CN2, CN5, and CN7 are identifiable, along with several test points and integrated circuits.



Figure 3.2: Detailed view of the XFHDHR Washing Machine Computer Board, focusing on the digital display and user interface elements. This perspective shows the '88' digital display, several push-buttons (SW1, SW2, SW3), and various surface-mounted components. The board's model number "TB80V22W" and revision "V1.2" are also visible.



Figure 3.3: Side view of the XFHDHR Washing Machine Computer Board, emphasizing the main connectors. This image provides a clearer view of the multi-pin connectors (CN5, CN7) and the power input section. The overall robust construction of the board and its protective casing are also evident.

4. INSTALLATION INSTRUCTIONS

Before You Begin:

- Ensure you have the correct replacement board for your specific Little Swan washing machine model (TB100V23H, TB80V23H, TB90V23H, TB80V22W).
- Gather necessary tools: screwdriver set, pliers, multimeter (optional for testing).
- Work in a well-lit and dry area.

Step-by-Step Installation:

1. **Disconnect Power:** Unplug the washing machine from the electrical outlet. Turn off the water supply to the machine.
2. **Access the Control Panel:** Depending on your washing machine model, you may need to remove screws or clips to access the rear or top panel where the computer board is located. Refer to your washing machine's service manual for specific access procedures.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make a diagram of all wire connections to the old computer board. This will serve as a reference for connecting the new board.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old computer board. Note the orientation and position of each connector.
5. **Remove Old Board:** Unscrew or unclip the old computer board from its mounting brackets. Gently remove it from the washing machine.
6. **Install New Board:** Position the new XFHDHR computer board in the same location as the old one. Secure it with the original screws or clips.
7. **Reconnect Wires:** Using your photos or diagrams, carefully reconnect all wire harnesses and connectors to the new computer board. Ensure each connection is firm and correctly seated. Double-check all connections before proceeding.
8. **Secure Panels:** Reattach any panels or covers that were removed to access the control board. Ensure all screws and clips are tightened.
9. **Restore Power:** Turn on the water supply and plug the washing machine back into the electrical outlet.
10. **Test Functionality:** Run a short wash cycle to verify that the washing machine operates correctly and all functions (water fill, agitation, drain, spin) are working as expected.

5. OPERATING INSTRUCTIONS

The XFHDHR Washing Machine Computer Board functions as the central control unit for your washing machine. Once correctly installed, the operation of your washing machine will revert to its standard user interface and controls. This board does not require separate operating instructions; its function is to enable the washing machine's original controls (buttons, dials, display) to work as intended.

Refer to your specific Little Swan washing machine user manual for detailed instructions on selecting wash cycles, adjusting settings, and general operation.

6. MAINTENANCE

The XFHDHR Washing Machine Computer Board is designed for long-term reliability and typically requires no routine maintenance. However, to ensure its longevity and proper function, consider the following:

- **Keep Dry:** Ensure the area around the control board remains dry. Moisture can cause short circuits and damage electronic components.
- **Cleanliness:** Periodically inspect the control panel area for dust or debris accumulation. Use a soft, dry cloth to gently clean the exterior of the control board housing if accessible. Do not use liquid cleaners directly on the board.
- **Ventilation:** Ensure proper ventilation around the washing machine to prevent overheating of internal components, including the control board.

7. TROUBLESHOOTING

If your washing machine experiences issues after installing the new computer board, refer to the following common troubleshooting steps. Always disconnect power before inspecting internal components.

Problem	Possible Cause	Solution
Washing machine does not power on.	No power supply; loose power connection; faulty power outlet.	Check if the machine is plugged in. Test the outlet with another appliance. Verify all power connections to the board are secure.
Machine powers on but does not start a cycle.	Door not properly closed; incorrect cycle selection; loose wire harness.	Ensure the door is fully latched. Select a valid wash cycle. Recheck all wire connections to the computer board.
Error codes displayed.	Specific component malfunction; sensor issue.	Refer to your Little Swan washing machine's user manual for the meaning of specific error codes and recommended solutions.
Inconsistent or incorrect water levels.	Faulty water level sensor; kinked water hose.	Inspect water hoses for kinks. If the issue persists, the water level sensor or its connection to the board may need inspection by a qualified technician.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified appliance repair technician.

8. SPECIFICATIONS

Feature	Detail
Model Number	deng17546yapin
Compatible Washing Machine Models	Little Swan TB100V23H, TB80V23H, TB90V23H, TB80V22W
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Weight	1.76 ounces
Manufacturer	deng17546yapin
Assembly Required	No (for the board itself, but installation into the appliance is required)
Number of Pieces	1

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer. For technical support or further assistance, please reach out to the manufacturer or your authorized service provider.

It is recommended to retain your proof of purchase for warranty claims.