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### GTYGERIH WQP12-7601.D.1-1

# GTYGERIH Midea Dishwasher Control Board WQP12-7601.D.1-1 Instruction Manual

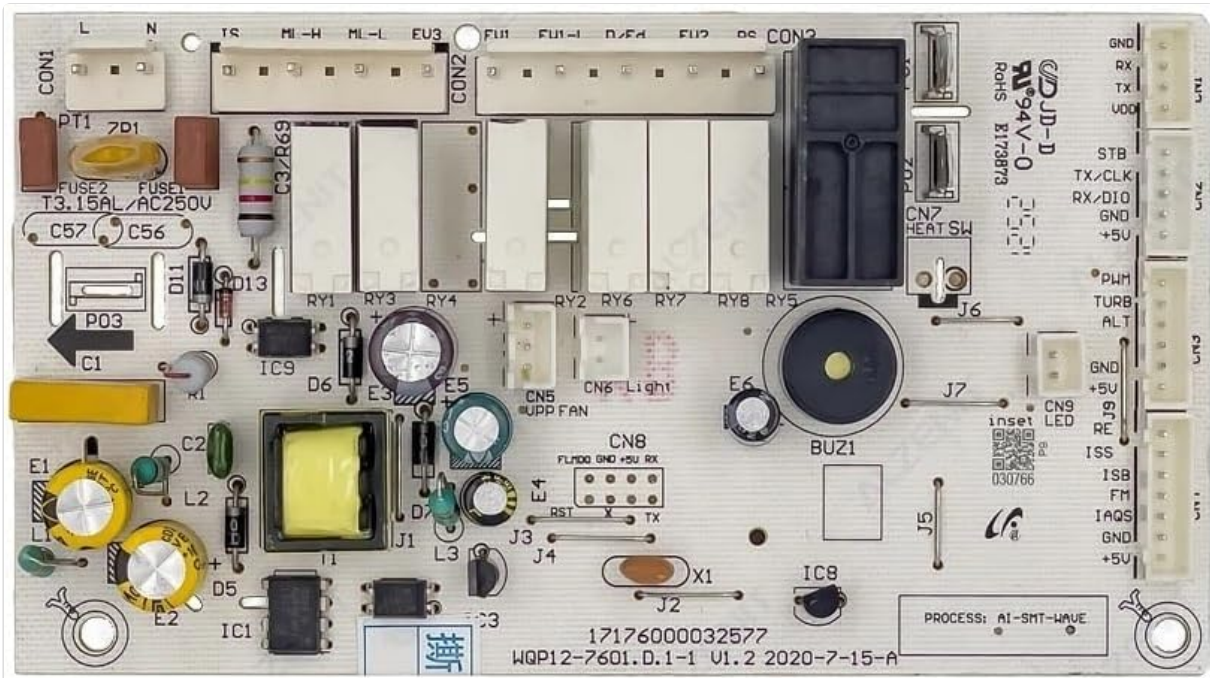
## 1. INTRODUCTION

This manual provides essential information for the GTYGERIH replacement control board, model WQP12-7601.D.1-1, designed for Midea dishwashers. This component is a critical part of your dishwasher's electronic system, responsible for managing various functions. For optimal performance and safety, professional installation is strongly recommended.

## 2. PRODUCT OVERVIEW

The GTYGERIH WQP12-7601.D.1-1 control board is a direct replacement part for Midea dishwashers, identified by part number 17176000032577. It is engineered to restore the full functionality of your appliance's control system.

- **Quality Assurance:** Each control board undergoes professional testing before shipment to ensure reliability and performance.
- **Compatibility:** This board is specifically designed for Midea dishwashers. Verify your dishwasher's model number carefully to ensure compatibility before installation.
- **Function:** Serves as the central processing unit for the dishwasher, controlling wash cycles, water temperature, drying, and other operational parameters.



**Figure 1:** Top view of the GTYGERIH Midea Dishwasher Control Board WQP12-7601.D.1-1. This image displays the layout of various electronic components, connectors, and relays on the circuit board, including the main processor and power input sections.

### 3. SETUP AND INSTALLATION

Replacing a dishwasher control board involves working with electrical components and can be complex. It is highly recommended that installation be performed by a qualified appliance technician.

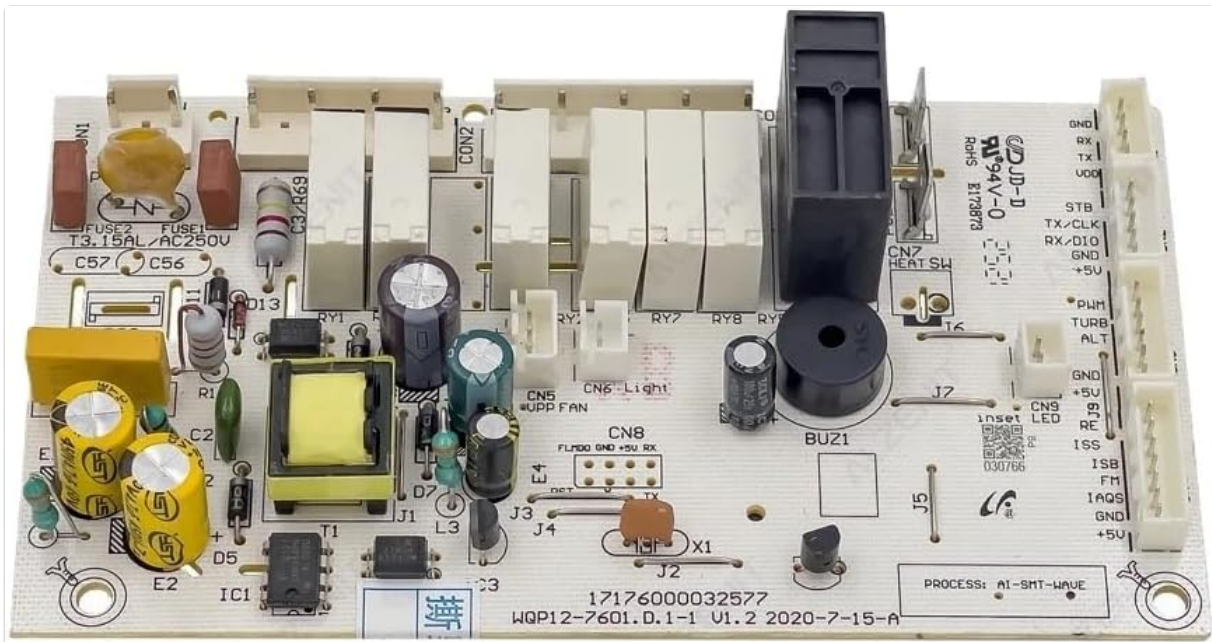
#### 3.1. Safety Precautions

- **Disconnect Power:** Always ensure the dishwasher is completely disconnected from the main power supply before beginning any installation or repair work. Turn off the circuit breaker for the dishwasher.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses.
- **Static Discharge:** Electronic components are sensitive to static electricity. Handle the control board by its edges and avoid touching the circuit paths or components directly. Consider using an anti-static wrist strap.

#### 3.2. General Installation Steps (Professional Installation Recommended)

1. **Access the Control Board:** Depending on your Midea dishwasher model, the control board may be located behind the front control panel or within another accessible compartment. Refer to your specific dishwasher's service manual for exact access instructions.
2. **Document Connections:** Before disconnecting any wires, take clear photographs or make detailed diagrams of all wire connections to the old control board. This will aid in correct reassembly.
3. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old control board. Note any specific locking mechanisms.
4. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
5. **Install New Board:** Position the new GTYGERIH control board in place and secure it with the original screws or clips.
6. **Reconnect Wires:** Using your documentation, carefully reconnect all wire harnesses and connectors to the new control board. Ensure all connections are firm and correctly seated.
7. **Reassemble Dishwasher:** Reattach any panels or covers removed during the access phase.

8. **Test Functionality:** Restore power to the dishwasher and perform a test cycle to ensure all functions operate correctly.



**Figure 2:** Angled view of the GTYGERIH Midea Dishwasher Control Board WQP12-7601.D.1-1. This perspective highlights the three-dimensional arrangement of components, including capacitors, transformers, and various input/output connectors, providing a clearer view of the board's profile.

## 4. OPERATING PRINCIPLES

The control board itself does not have user-operable controls. Its function is to interpret commands from the user interface (buttons, display) and execute the corresponding actions within the dishwasher. This includes:

- Managing water intake and drainage.
- Controlling heating elements for water temperature and drying.
- Regulating pump motors for water circulation.
- Monitoring sensors for water levels, temperature, and door status.
- Executing programmed wash cycles.

Proper operation of the dishwasher relies on the correct functioning of this control board.

## 5. MAINTENANCE

As an internal electronic component, the control board requires minimal direct user maintenance. However, adhering to general appliance care can prolong its lifespan:

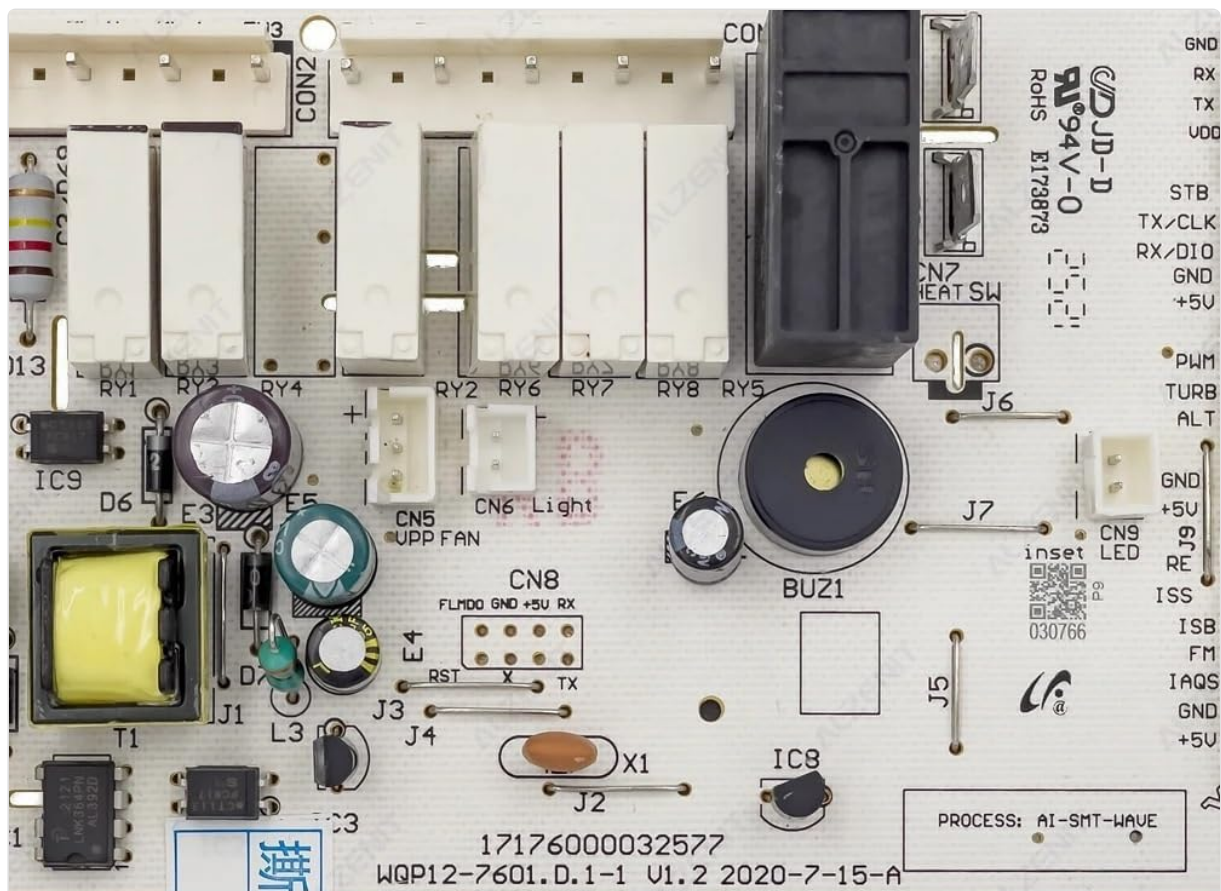
- **Keep Dry:** Ensure the dishwasher area remains dry and free from water leaks, which can damage electronic components.
- **Avoid Physical Damage:** Protect the dishwasher from impacts or vibrations that could dislodge or damage internal components.
- **Professional Inspection:** If your dishwasher undergoes routine professional maintenance, the technician may inspect the control board for signs of wear or damage.

## 6. TROUBLESHOOTING

If your dishwasher exhibits unusual behavior after control board replacement, consider the following general troubleshooting steps. For complex issues, consult a qualified technician.

- **Dishwasher Not Starting:** Verify that the dishwasher is properly plugged in and the circuit breaker is on. Check if the door is fully closed and latched.
- **Error Codes Displayed:** Refer to your Midea dishwasher's user manual for the meaning of specific error codes. Some codes may indicate issues with sensors or other components connected to the control board.
- **Specific Functions Not Working:** If only certain functions (e.g., heating, drying) are not operating, it could indicate a faulty connection to the control board or an issue with the specific component itself.
- **Loose Connections:** Power off the dishwasher and carefully re-check all wire harness connections to the control board to ensure they are secure.

If troubleshooting does not resolve the issue, or if you are unsure about any step, contact a professional appliance repair service.



**Figure 3:** Close-up view of a section of the GTYGERIH Midea Dishwasher Control Board WQP12-7601.D.1-1. This detailed image focuses on specific integrated circuits, resistors, and capacitors, illustrating the fine craftsmanship and component density of the board.

## 7. SPECIFICATIONS

<b>Item Name</b>	Dishwasher Control Board
<b>Brand</b>	GTYGERIH
<b>Compatible Brand</b>	For Midea
<b>Part Number</b>	WQP12-7601.D.1-1, 17176000032577

<b>Item Weight</b>	1.76 ounces
<b>Package Dimensions</b>	1.18 x 0.79 x 0.39 inches
<b>Quantity</b>	1 PCS
<b>Manufacturer</b>	qibeitiancha

## 8. IMPORTANT SAFETY INFORMATION

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- **Electrical Hazard:** Always disconnect power before servicing the dishwasher. Failure to do so can result in serious injury or death.
- **Professional Installation:** Due to the electrical nature and complexity of this component, installation should only be performed by a qualified technician.
- **Use Genuine Parts:** Ensure you are using the correct replacement part for your specific dishwasher model.
- **No User Serviceable Parts:** The control board itself contains no user-serviceable parts. Do not attempt to repair the board.

## 9. WARRANTY AND SUPPORT

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For information regarding the warranty period and terms for this GTYGERIH control board, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

If you require technical assistance or have questions about the product, please reach out to the seller for support.