

Fricpart-145791

Replacement Water Inlet Valve Instruction Manual

For Whirlpool GU2700XTSS1 Dishwasher (Part Number: Fricpart-145791)

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Fricpart-145791 replacement water inlet valve for Whirlpool GU2700XTSS1 dishwashers. Please read these instructions carefully before proceeding with installation to ensure proper function and safety.

SAFETY INFORMATION

- Always disconnect power to the dishwasher before attempting any repairs or installations.
- Turn off the water supply to the dishwasher before beginning work.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- If you are unsure about any step, consult a qualified appliance technician.
- Ensure all connections are secure and leak-free before restoring power and water.

PRODUCT OVERVIEW

The water inlet valve controls the flow of water into your dishwasher. This replacement part is designed to be compatible with Whirlpool GU2700XTSS1 dishwasher models.



Figure 1: Fricpart-145791 Replacement Water Inlet Valve. This image shows the complete valve assembly, including the brass threaded inlet, the plastic outlet, and the electrical solenoid connection.

Key Features:

- Direct replacement for Whirlpool GU2700XTSS1 dishwashers.
- Ensures proper water fill levels.
- Durable construction for reliable performance.

SETUP AND INSTALLATION

Before beginning, ensure you have the necessary tools: screwdriver, pliers, towels, and a bucket to catch any residual water.

1. **Disconnect Power:** Unplug the dishwasher from the electrical outlet or turn off the circuit breaker supplying power to the dishwasher.
2. **Turn Off Water Supply:** Locate the water shut-off valve for the dishwasher (usually under the sink) and turn it off.
3. **Access the Valve:** Depending on your dishwasher model, you may need to remove the lower access panel or pull the dishwasher out from its cabinet to access the water inlet valve.
4. **Drain Residual Water:** Place towels and a bucket under the water inlet valve to catch any water that may drain when disconnecting the water line.
5. **Disconnect Water Line:** Use pliers to carefully disconnect the water supply line from the old inlet valve.

6. **Disconnect Electrical Connector:** Unplug the electrical connector from the old valve's solenoid. Note its orientation for reinstallation.
7. **Remove Old Valve:** Unscrew or unclip the old water inlet valve from its mounting bracket.
8. **Install New Valve:** Mount the new Fricpart-145791 valve onto the bracket, ensuring it is secure.
9. **Connect Electrical Connector:** Plug the electrical connector firmly onto the new valve's solenoid.
10. **Connect Water Line:** Reattach the water supply line to the new valve. Ensure the connection is tight to prevent leaks.
11. **Restore Water Supply:** Slowly turn on the water shut-off valve. Check for any leaks around the new valve and connections. Tighten if necessary.
12. **Restore Power:** Plug the dishwasher back in or turn on the circuit breaker.
13. **Test Operation:** Run a short wash cycle to verify proper water fill and check for leaks during operation.

OPERATING INSTRUCTIONS

Once the new water inlet valve is installed, the dishwasher's operation should return to normal. The valve functions automatically based on the dishwasher's cycle programming.

- Ensure the water supply is fully open.
- Select your desired wash cycle on the dishwasher control panel.
- Start the dishwasher. The new valve will open and close as required to fill the dishwasher with the correct amount of water for each stage of the wash cycle.
- Monitor the first few cycles after installation to confirm proper water intake and absence of leaks.

MAINTENANCE

The water inlet valve itself typically requires no routine maintenance. However, regular checks of the surrounding components can help ensure its longevity and proper function.

- **Leak Inspection:** Periodically check the water supply line connections to the valve for any signs of leaks. Address any drips immediately.
- **Water Filter Screen:** Some water inlet valves have a small filter screen at the inlet connection to prevent debris from entering. If your dishwasher experiences slow filling, you may need to turn off the water, disconnect the supply line, and clean this screen.
- **General Dishwasher Maintenance:** Follow your dishwasher's manufacturer recommendations for general cleaning and maintenance to prevent issues that could indirectly affect the valve.

TROUBLESHOOTING

If you encounter issues after installing the new water inlet valve, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Dishwasher not filling with water.	Water supply valve is off. Kinked water supply line. Clogged filter screen in the valve. Faulty electrical connection to the valve.	Ensure water supply valve is fully open. Straighten the water supply line. Turn off water, disconnect supply line, and clean the filter screen. Check electrical connector for secure fit.
Dishwasher overfilling or continuously filling.	Faulty water inlet valve (stuck open). Float switch malfunction (not related to valve).	If the valve is new and this occurs, it may be defective. Contact supplier. Consult dishwasher's service manual for float switch troubleshooting.
Water leak at valve connection.	Loose connection. Damaged washer or seal.	Turn off water, tighten connections. Inspect and replace any damaged washers or seals.

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

SPECIFICATIONS

- Part Number:** Fricpart-145791 (FRIC-PL-APP-TP-22052025-057680)
- Compatibility:** Whirlpool GU2700XTSS1 Dishwasher
- Manufacturer:** Fricparts
- Item Package Quantity:** 1
- Color:** Black/White (referring to components, not overall unit)
- ASIN:** B0FBLD2GCW

WARRANTY AND SUPPORT

For warranty information or technical support regarding this replacement part, please refer to the seller's policy or contact the manufacturer, Fricparts, directly. The product was first available on June 1, 2025.

Seller: Fricgore

Return Policy: 30 days (refund/replacement)