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› Samoser Washer Water Inlet Valve Replacement Manual for GE Top Load Washers (GTW680 Series and Compatible Models)

Samoser GTW680BPL0DG

Samoser Washer Water Inlet Valve Replacement Manual

For GE Top Load Washers (GTW680 Series and Compatible Models)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Samoser Washer Water Inlet Valve. This component is designed as a direct replacement for the original water inlet valve in various GE Top Load Washer models, ensuring proper water flow and temperature control for your appliance.

1.1 Package Contents

- 1x Samoser Washer Water Inlet Valve

1.2 Compatibility

This replacement water inlet valve is compatible with the following GE Top Load Washer models. Please verify your washer's model number before proceeding with installation. You can typically find the model number on a label inside the washer door, on the back of the unit, or on the control panel.

- GTW680BPL0DG, GTW680BPL1DG, GTW680BPL2DG
- GTW680BSJ0WS, GTW680BSJ1WS, GTW680BSJ2WS, GTW680BSJ3WS, GTW680BSJ4WS, GTW680BSJ5WS, GTW680BSJ6WS, GTW680BSJ7WS
- GTW685BPL0DG, GTW685BPL1DG, GTW685BSL0WS, GTW685BSL1WS
- GTW720BPN0DG, GTW720BSN0WS
- GTW725BPN0DG, GTW725BSN0WS
- GTW750CPL0DG, GTW750CPL1DG, GTW750CSL0DG, GTW750CSL0WS, GTW750CSL1WS
- GTW755CPM0DG, GTW755CPM1DG, GTW755CSM0WS, GTW755CSM1WS
- GTW840CPN0DG, GTW840CSN0WS
- GTW845CPN0DG, GTW845CSN0WS
- YTW4514PN0DG

2. SAFETY INFORMATION

Always prioritize safety when working with appliances. Failure to follow these safety guidelines may result in personal injury or property damage.

- **Disconnect Power:** Before beginning any repair or installation, always unplug the washer from the electrical outlet or turn off the circuit breaker to the appliance.
- **Turn Off Water Supply:** Close the hot and cold water supply valves to the washer before disconnecting any hoses.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses.
- **Drain Water:** Be prepared for residual water in the hoses and valve. Have towels and a bucket ready.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.

3. INSTALLATION GUIDE

This section outlines the general steps for replacing a washer water inlet valve. Specific washer models may vary slightly in disassembly procedures.

3.1 Tools Required

- Phillips head screwdriver
- Flathead screwdriver
- Adjustable wrench or pliers
- Bucket and towels
- New Samoser Washer Water Inlet Valve

3.2 Installation Steps

1. Prepare the Washer:

- Disconnect the washer from the electrical power supply.
- Turn off the hot and cold water supply valves to the washer.
- Place a bucket and towels behind the washer to catch any water.
- Disconnect the hot and cold water inlet hoses from the back of the washer.

2. Access the Valve:

- Depending on your GE washer model, you may need to remove the back panel or the top panel of the washer to access the water inlet valve. Use a screwdriver to remove the necessary screws.

3. Disconnect the Old Valve:

- Once the valve is accessible, disconnect the electrical wiring harnesses from the solenoids on the old valve. Note their positions for reassembly.
- Disconnect any internal water hoses or clamps attached to the valve.
- Remove the mounting screws or clips that secure the old water inlet valve to the washer chassis.
- Carefully remove the old valve from the washer.

4. Install the New Valve:

- Position the new Samoser Washer Water Inlet Valve in the same location as the old one.
- Secure the new valve with the mounting screws or clips.
- Reconnect all internal water hoses and clamps to the new valve. Ensure connections are secure to prevent leaks.
- Reconnect the electrical wiring harnesses to the corresponding solenoids on the new valve.

5. Reassemble and Test:

- Replace the back or top panel of the washer, securing it with screws.
- Reconnect the hot and cold water inlet hoses to the new valve's threaded connections. Hand-tighten first, then use a wrench for a snug fit, but do not overtighten.
- Slowly turn on the hot and cold water supply valves and check for any leaks around the connections.
- Plug the washer back into the electrical outlet.
- Run a short wash cycle to verify proper operation and check for leaks again.



Figure 1: Samoser Washer Water Inlet Valve, front view, showing multiple solenoids and threaded connections. This image displays the Samoser Washer Water Inlet Valve, featuring its blue plastic body, multiple solenoid coils (green, beige, pink), and threaded inlet/outlet connections with integrated mesh filters.



Figure 2: Samoser Washer Water Inlet Valve, top-down view, highlighting electrical terminals and mounting points. A top-down perspective of the Samoser Washer Water Inlet Valve, illustrating the electrical terminals for the solenoids, the blue plastic housing, and the two threaded connections at the bottom.

4. OPERATION

The water inlet valve is an automatic component that controls the flow of hot and cold water into the washer tub based on the selected wash cycle and temperature settings. Once installed, its operation is integrated with the washer's control system.

- When a wash cycle begins, the washer's control board sends an electrical signal to the solenoids on the water inlet valve.
- The energized solenoids open internal diaphragms, allowing water to flow into the tub.
- The valve mixes hot and cold water as required to achieve the desired water temperature.
- Once the correct water level is reached, the control board de-energizes the solenoids, closing the valve and stopping water flow.

To verify proper operation after installation, run a complete wash cycle and observe if the washer fills correctly with

water at the selected temperature and if there are any leaks.

5. MAINTENANCE

Regular maintenance of your washer and its components can extend their lifespan and ensure optimal performance.

- **Inspect Inlet Screens:** Periodically check the small mesh screens located at the water inlet connections on the back of the valve. These screens prevent sediment from entering the valve. If clogged, carefully remove and clean them under running water.
- **Check for Leaks:** Regularly inspect the water inlet hoses and valve connections for any signs of leaks or drips. Tighten connections if necessary.
- **Water Quality:** If you have hard water, mineral deposits can accumulate over time. While the valve is designed to be durable, severe mineral buildup can affect performance. Consider a whole-house water softener if this is a persistent issue.
- **Winterization (if applicable):** If the washer is in an unheated area and subject to freezing temperatures, ensure the water supply is turned off and the hoses and valve are drained to prevent damage.

6. TROUBLESHOOTING

If your washer is experiencing issues related to water intake after replacing the valve, consult the following table for common problems and solutions.

Problem	Possible Cause	Solution
Washer not filling with water	Water supply valves closed Clogged inlet screens Kinked water hoses Faulty electrical connection to valve	Open water supply valves Clean inlet screens Straighten hoses Check wiring harness connections to solenoids
Washer filling slowly	Partially closed water supply valves Partially clogged inlet screens Low water pressure	Fully open water supply valves Clean inlet screens Check household water pressure
Water leaking from valve connections	Loose hose connections Damaged hose washers Cracked valve housing	Tighten hose connections Replace hose washers If valve housing is cracked, replace the valve
Incorrect water temperature	Hot/cold hoses reversed One solenoid not opening	Verify hot and cold hoses are connected correctly Check electrical connection to both solenoids

7. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Samoser
Exterior Finish	Stainless Steel (connections)
Inlet Connection Type	Threaded
Outlet Connection Type	Threaded
Number of Ports	2
UPC	734665760107

8. SUPPORT

If you encounter any issues or have questions regarding the Samoser Washer Water Inlet Valve, please contact our customer support. We are committed to resolving your concerns within 24 hours.

For compatibility inquiries or technical assistance, please refer to the contact information provided by your retailer or on the product packaging.