KAWS750GQ0 KAWS750GQ1

Generic Water Inlet Valve Instruction Manual

For KitchenAid Washer Models KAWS750GQ0, KAWS750GQ1, and Compatible KitchenAid Washers

1. Introduction

This manual provides instructions for the installation, operation, and maintenance of the Generic Water Inlet Valve, designed as a replacement part for various KitchenAid washing machine models. This valve is a critical component that controls the flow of water into your washing machine, ensuring proper filling during wash cycles. Understanding its function and proper installation is essential for restoring your appliance's optimal performance.

2. Product Overview

The water inlet valve regulates the water supply to your washing machine. It typically features two solenoids that open and close to allow hot and cold water into the tub as required by the wash cycle. This specific valve is designed for durability and reliable performance.

Figure 1: Angled view of the water inlet valve, highlighting its dual solenoid design and integrated metal mounting bracket. The blue plastic body houses the internal mechanisms, and electrical terminals are visible at the top.

Figure 2: Top-down view of the water inlet valve, showing the two black solenoid coils and their electrical connectors. The blue plastic housing and metal mounting plate are clearly visible.

3. Compatibility

This water inlet valve is compatible with a wide range of KitchenAid washing machine models. Please verify your specific model number against the list below or consult your washer's documentation to ensure compatibility.

Example Compatible Models:

- KAWS750GQ0, KAWS750GQ1, KAWS750GT1, KAWS750GZ0, KAWS750GZ1
- KAWS750JQ0, KAWS750JQ1, KAWS750JQ2, KAWS750JT0, KAWS750JT1
- KAWS750LQ0, KAWS750LQ1, KAWS750LT1, KAWS750LT2, KAWS750LT3, KAWS750LT4
- KAWS800GQ0, KAWS800GQ1, KAWS800GZ0, KAWS800GZ1
- KAWS850GQ0, KAWS850GQ1, KAWS850GT0, KAWS850GT1, KAWS850GZ0, KAWS850GZ1
- KAWS850JQ0, KAWS850JQ1, KAWS850JQ2, KAWS850JQ3, KAWS850JQ4
- KAWS850JT0, KAWS850JT1, KAWS850JT2, KAWS850JT4
- KAWE460WAL2, KAWE460WAL3, KAWE470BAL0, KAWE470BWH0
- KAWE540WWH0, KAWE540WWH1, KAWE540WWH2
- And many other compatible KitchenAid washer models.

4. Installation Instructions

4.1. Safety Precautions

- **Disconnect Power:** Always unplug the washing machine from the electrical outlet before beginning any repair.

- **Turn Off Water Supply:** Shut off the hot and cold water supply valves to the washing machine.
- **Wear Protective Gear:** Use work gloves to protect your hands during the installation process.

4.2. Tools Required

- Screwdriver (Phillips and/or Flathead)
- Pliers (adjustable)
- Bucket and towels (to catch residual water)
- Flashlight (optional, for better visibility)

4.3. Step-by-Step Installation

1. **Access the Valve:** Depending on your washer model, you may need to remove the back panel or top panel of the washing machine to access the water inlet valve.
2. **Disconnect Water Hoses:** Place a bucket and towels behind the washer. Use pliers to loosen and remove the hot and cold water supply hoses from the old valve. Be prepared for some residual water.
3. **Disconnect Electrical Wiring:** Carefully disconnect the electrical connectors from the solenoids on the old valve. Note their positions if they are not identical.
4. **Remove Old Valve:** Unscrew any mounting screws or clips securing the old valve to the washer frame. Gently pull the valve out.
5. **Install New Valve:** Position the new water inlet valve in the same location as the old one. Secure it with the mounting screws or clips.
6. **Reconnect Electrical Wiring:** Reattach the electrical connectors to the corresponding solenoids on the new valve. Ensure a secure connection.
7. **Reconnect Water Hoses:** Hand-tighten the hot and cold water supply hoses onto the new valve's threaded connections. Then, use pliers to tighten them an additional quarter to half turn, being careful not to overtighten.
8. **Restore Water and Power:** Turn on the hot and cold water supply valves. Plug the washing machine back into the electrical outlet.
9. **Test for Leaks and Function:** Run a short wash cycle and carefully check all connections for any leaks. Observe if the washer fills with water correctly.

Figure 3: Underside view of the valve, revealing the two threaded water outlet connections. Each connection includes a fine mesh filter to prevent sediment from entering the washing machine.

5. Valve Operation

The water inlet valve operates automatically in conjunction with your washing machine's control board. When a wash cycle begins, the control board sends an electrical signal to the valve's solenoids, opening them to allow hot, cold, or mixed water to flow into the washer tub. Once the desired water level is reached, the solenoids close, stopping the water flow. The valve's function is entirely dependent on the signals from the washer's control system.

6. Maintenance

The water inlet valve is designed for durability and typically requires minimal maintenance. However, periodic checks can help ensure its longevity and proper function.

- **Inspect Annually:** Periodically check the valve and hose connections for any signs of leaks, corrosion, or wear. Address any issues promptly.
- **Clean Inlet Filters:** The valve features integrated inlet screens (filters) to prevent debris from entering the washing machine. If you notice restricted water flow or slow filling, turn off the water supply, disconnect the hoses, and carefully remove and clean these screens. Rinse them under running water to remove any accumulated sediment.

7. Troubleshooting Common Issues

If your washing machine is experiencing water intake problems, the water inlet valve may be the cause. Here are some common issues and potential solutions:

- **No Water Filling:**
  - Ensure the household water supply valves are fully open.
  - Check if the valve's solenoids are receiving power during the fill cycle. This may require a multimeter and caution.
  - Inspect the inlet screens for severe clogs.
- **Slow Water Filling:**
  - Clean the inlet screens for any debris or mineral buildup.
  - Verify adequate water pressure from your household supply.
- **Continuous Water Filling (Valve Not Closing):**
  - This often indicates a faulty solenoid or a stuck valve mechanism. The valve may need replacement.
- **Leaking from Valve:**
  - Check all hose connections for tightness.
  - Inspect the valve body for cracks or damage. A leak from the valve body itself usually requires replacement.

For complex issues or if you are unsure about performing repairs, it is recommended to consult a qualified appliance technician.

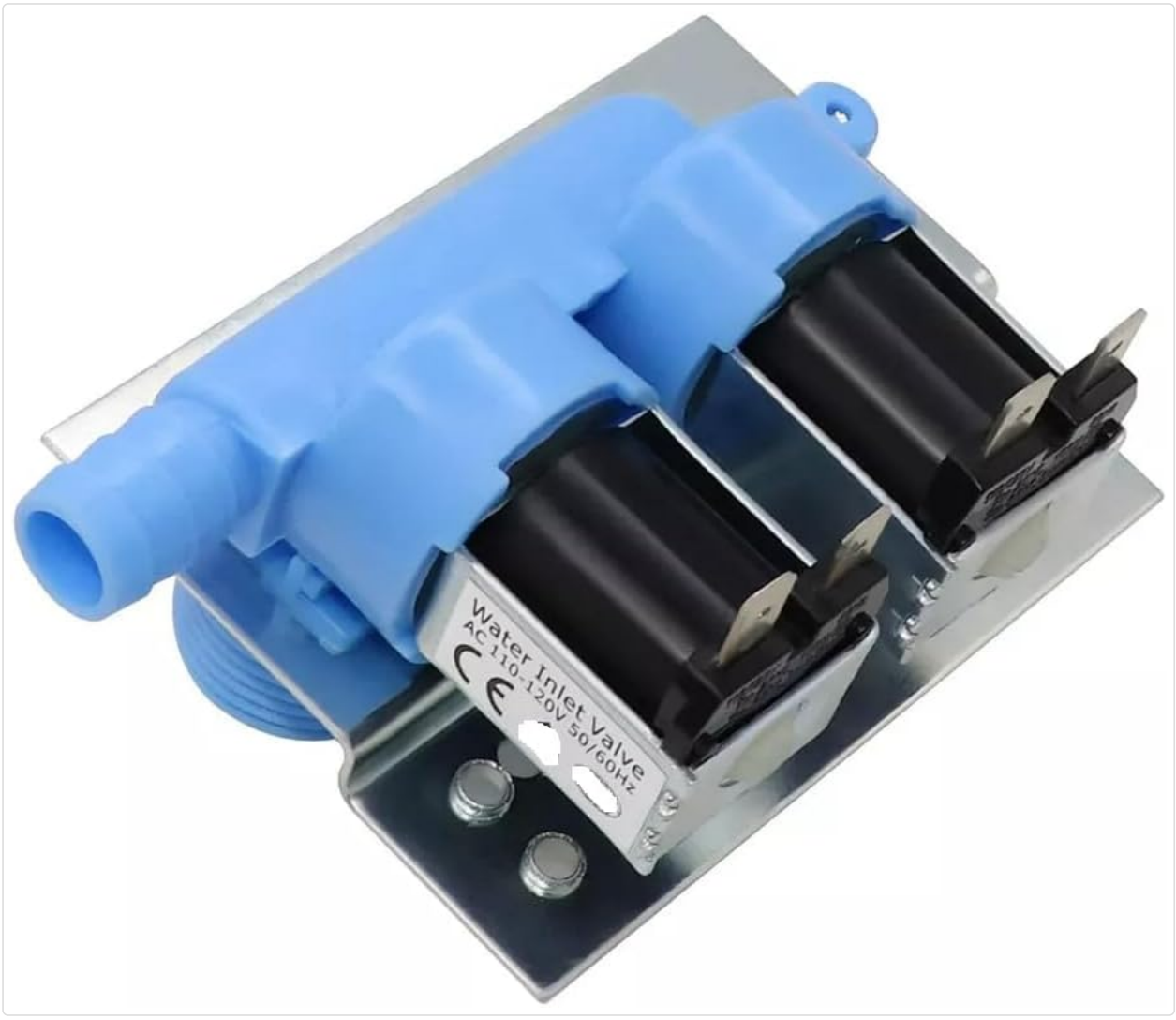

Figure 4: Another angled perspective of the water inlet valve, emphasizing the electrical terminals for the solenoids and the

single barbed inlet connection for the main water supply hose.

8. Product Specifications

Property	Value
Part Type	Water Inlet Valve
Brand	Generic
Compatible Appliance	KitchenAid Washer
Primary Model Numbers	KAWS750GQ0, KAWS750GQ1 (and many other compatible models)
Dimensions (Approximate)	1 x 1 x 1 inches
Power Requirement	AC 110-120V 50/60Hz

9. Warranty and Support

This product comes with a 100% satisfaction guarantee. If you have any questions regarding installation, compatibility, or performance, please contact the seller for assistance. They are available to help with any inquiries you may have.