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› UpStart Components W10158389 Dishwasher Water Inlet Valve Instruction Manual

UpStart Components AP-WPW10158389-2PK-DL443

UpStart Components W10158389 Dishwasher Water Inlet Valve Instruction Manual

Model: AP-WPW10158389-2PK-DL443

1. PRODUCT OVERVIEW

This manual provides instructions for the installation and maintenance of the UpStart Components W10158389 Dishwasher Water Inlet Valve. This replacement part is designed to restore proper water flow to your dishwasher, addressing issues such as no water, insufficient water, or continuous filling.

This product is a 2-pack of replacement water inlet valves, compatible with various Kenmore/Sears dishwasher models, including 665.13772K600, and cross-compatible with WPW10158389 and other part numbers listed in the specifications.

UpStart **Components**



Image 1.1: Two UpStart Components W10158389 Dishwasher Water Inlet Valves. These valves are designed to control the flow of water into the dishwasher.

2. SAFETY INFORMATION

WARNING: Before attempting any repair or replacement, always disconnect power to the dishwasher by unplugging it or turning off the circuit breaker. Turn off the water supply to the dishwasher.

- Ensure all connections are secure to prevent leaks.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.
- If you are unsure about any step, consult a qualified appliance technician.
- Keep children and pets away from the work area.

3. COMPATIBILITY

This UpStart Components W10158389 Dishwasher Water Inlet Valve is a compatible replacement for the following part numbers and models:

- **OEM Part Numbers:** WPW10158389, AP6015932, W10158389, 8558986, 8558987, 8558988, 8563405, 8563406, 8563407, ERW10158387, PS11749213, W10158387, WPW10158389VP.
- **Known Compatible Models:** Kenmore / Sears 665.13772K600 and many other models requiring the listed part numbers.

Note: Always verify the part number on your original component to ensure correct fitment.

4. SETUP AND INSTALLATION

Follow these steps carefully to replace the dishwasher water inlet valve:

1. Prepare the Dishwasher:

- Disconnect the dishwasher from the electrical outlet or turn off the circuit breaker.
- Turn off the water supply valve to the dishwasher.
- Carefully pull the dishwasher out from its cabinet enclosure to access the rear or bottom.

2. Locate the Old Valve:

The water inlet valve is typically located at the bottom front or rear of the dishwasher, where the water supply line connects.



Image 4.1: Front view of the W10158389 water inlet valve, showing the electrical connector and water outlet.

3. Disconnect the Old Valve:

- Place a towel or small pan underneath the valve to catch any residual water.

- Disconnect the water supply line from the valve using a wrench.
- Disconnect the electrical connector(s) from the valve. Note their positions if multiple connectors exist.
- Disconnect the water outlet hose (to the dishwasher tub) from the valve.
- Remove any mounting screws or clips securing the valve to the dishwasher frame.

4. Install the New Valve:

- Position the new UpStart Components water inlet valve in the same location as the old one.
- Secure the valve with the mounting screws or clips.
- Connect the water outlet hose to the new valve. Ensure it is securely clamped.
- Connect the electrical connector(s) to the new valve.
- Connect the main water supply line to the new valve. Hand-tighten first, then use a wrench for a snug fit, but do not overtighten.



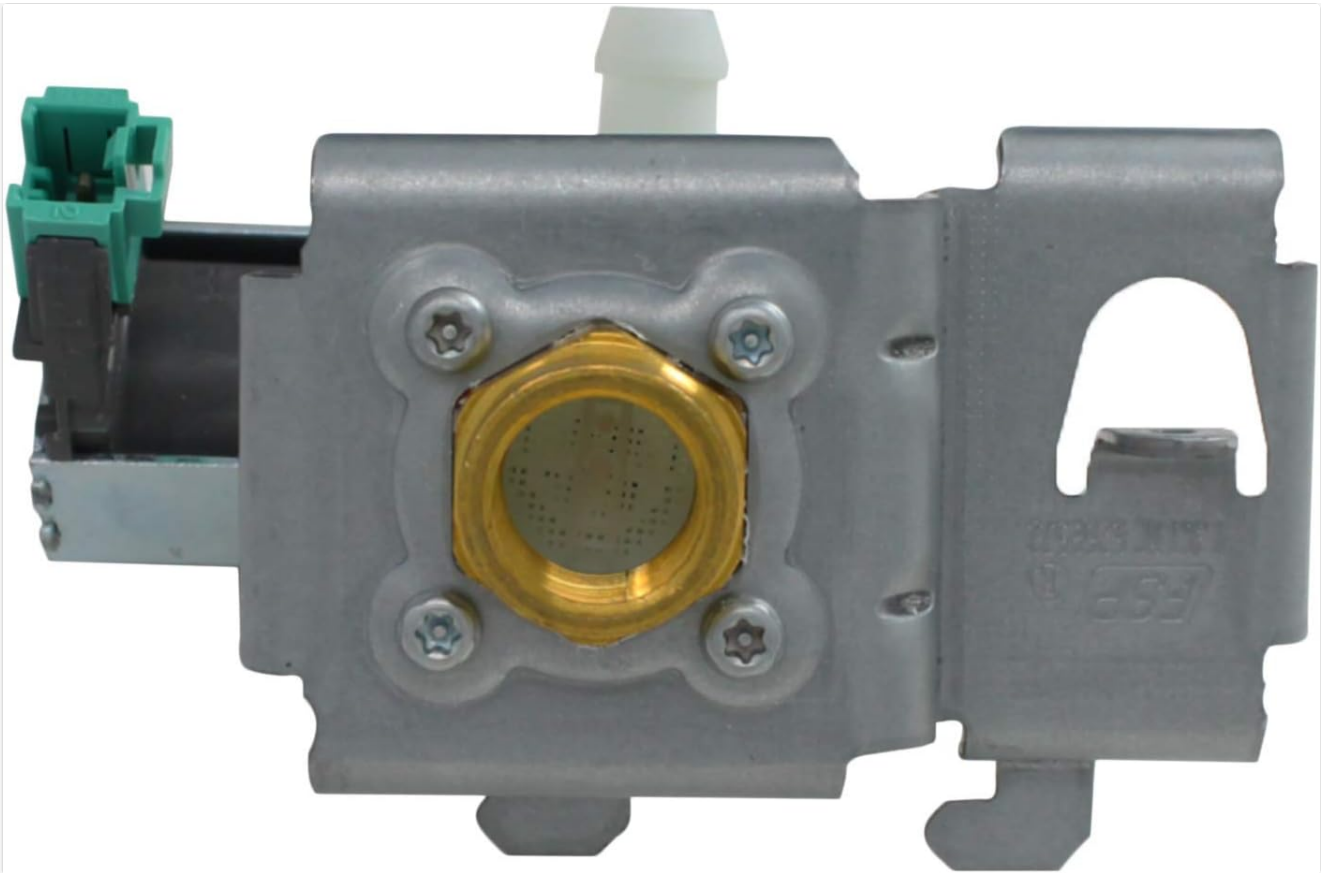


Image 4.2: Side and bottom views of the water inlet valve, illustrating connection points for installation.

5. Test and Finalize:

- Slowly turn on the water supply valve and check for any leaks around the new valve connections. Tighten if necessary.
- Carefully slide the dishwasher back into its cabinet.
- Reconnect the dishwasher to the electrical outlet or turn on the circuit breaker.
- Run a short wash cycle to confirm proper operation and check for leaks again.

5. OPERATING PRINCIPLES

The water inlet valve is an electrically operated solenoid valve. When the dishwasher's control board signals for water, the solenoid energizes, opening the valve and allowing water to flow into the dishwasher tub. Once the required water level is reached, the control board de-energizes the solenoid, closing the valve and stopping the water flow.

Proper operation of this valve is critical for the dishwasher to fill correctly and prevent overfilling or underfilling.

6. MAINTENANCE

The UpStart Components water inlet valve is designed for durability and typically requires no routine maintenance. However, to ensure its longevity and the overall health of your dishwasher:

- Periodically check the water supply line and connections for any signs of leaks or corrosion.
- Ensure your home's water pressure is within the recommended range for dishwashers.
- If your home has hard water, consider installing a water softener to prevent mineral buildup that could affect the valve over time.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dishwasher not filling with water.	Water supply turned off; kinked water line; faulty water inlet valve; clogged filter screen in valve.	Ensure water supply is on. Check water line for kinks. Inspect the valve's filter screen for debris and clean if necessary. If valve is faulty, replacement is required.
Dishwasher overfilling or continuously filling.	Faulty water inlet valve (stuck open); faulty float switch.	If the valve is stuck open, it needs replacement. Check the float switch for proper operation and ensure it's not obstructed.
Water leak around the valve.	Loose connections; damaged water line; cracked valve housing.	Tighten all connections. Inspect water lines for damage and replace if necessary. If valve housing is cracked, replace the valve.

If troubleshooting steps do not resolve the issue, professional assistance may be required.

8. SPECIFICATIONS

- **Product Type:** Dishwasher Water Inlet Valve
- **Quantity:** 2-Pack
- **Brand:** UpStart Components
- **Model Number:** AP-WPW10158389-2PK-DL443
- **Material:** Plastic (housing), Brass (inlet fitting)
- **Compatible Part Numbers:** WPW10158389, AP6015932, W10158389, 8558986, 8558987, 8558988, 8563405, 8563406, 8563407, ERW10158387, PS11749213, W10158387, WPW10158389VP
- **Date First Available:** February 4, 2020

9. WARRANTY AND SUPPORT

This UpStart Components replacement part is covered by a warranty offered solely by UpStart Components. It is not affiliated with any original equipment manufacturers (OEMs) and is not covered under any warranties offered by the original manufacturers.

For warranty claims, technical support, or further assistance, please contact UpStart Components directly. Refer to your purchase documentation for specific contact details or visit the UpStart Components website.

