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› Kenmore Whirlpool W10143586 Washer Dispenser Actuator Instruction Manual

Kenmore WPW10143586

Instruction Manual: Kenmore Whirlpool W10143586 Washer Dispenser Actuator

Genuine Original Equipment Manufacturer (OEM) Part

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1. PRODUCT OVERVIEW

The Whirlpool W10143586 Washer Dispenser Actuator is a genuine Original Equipment Manufacturer (OEM) replacement part designed for various washing machine models. This actuator plays a crucial role in the proper functioning of your washer's detergent dispenser system, ensuring that detergent, bleach, or fabric softener is released at the correct time during the wash cycle.

This part is manufactured by Whirlpool, ensuring quality and compatibility with the specified appliance brands and models. It is a direct functional equivalent to prior parts, though its appearance may vary slightly.



Image 1.1: The Whirlpool W10143586 Washer Dispenser Actuator. This component controls the release of dispensing agents in your washing machine.

2. COMPATIBILITY AND FITMENT

The W10143586 Dispenser Actuator is compatible with select washing machine models from brands including **Kenmore**, **Whirlpool**, and **Maytag**. To ensure proper fitment and function, it is essential to verify that this part is correct for your specific appliance model number.

Before installation, locate your appliance's model number, typically found on a label inside the washer door, on the back, or underneath the control panel. Compare this model number with the compatibility information provided by the manufacturer or retailer. If you are uncertain, consult a qualified technician or the manufacturer's support.



Image 2.1: Kenmore brand logo, indicating compatibility with certain Kenmore washing machine models.

3. SAFETY INFORMATION

WARNING: Disconnect power before servicing.

Appliance repair can involve electrical components, moving parts, and water. Always prioritize safety to prevent personal injury or damage to your appliance.

- **Power Disconnection:** Always unplug the washing machine from its power source or turn off the circuit breaker before attempting any repair or installation.
- **Water Supply:** Turn off the water supply to the washing machine before beginning work.
- **Protective Gear:** Wear appropriate personal protective equipment, such as gloves and safety glasses.
- **Professional Assistance:** If you are not comfortable performing the repair yourself, it is recommended to contact a qualified appliance repair technician.
- **Sharp Edges:** Be aware of sharp edges or components inside the appliance.

4. INSTALLATION INSTRUCTIONS

The following steps provide a general guide for replacing a washer dispenser actuator. Specific procedures may vary depending on your washing machine model. Refer to your appliance's service manual for detailed instructions.

1. Prepare the Appliance:

- Disconnect the washer from the electrical outlet.
- Turn off the water supply to the washer.
- Move the washer away from the wall to access the rear or top panel, if necessary.

2. Access the Dispenser Actuator:

- Depending on your model, you may need to remove the top panel, control panel, or dispenser assembly to gain access to the actuator. This usually involves unscrewing fasteners and carefully detaching components.

3. Disconnect the Old Actuator:

- Carefully disconnect any electrical connectors attached to the old actuator. Note their positions for reassembly.
- Remove any mounting screws or clips securing the actuator in place.
- Gently detach the old actuator from its position.

4. Install the New Actuator:

- Position the new W10143586 dispenser actuator in the same location as the old one.
- Secure it with the mounting screws or clips.
- Reconnect all electrical connectors firmly. Ensure they are properly seated.

5. Reassemble and Test:

- Reattach any panels or components that were removed.
- Reconnect the washer to the water supply and electrical outlet.
- Run a short test cycle to ensure the dispenser functions correctly and there are no leaks or error codes.

Tools typically required: Screwdrivers (Phillips and flathead), nut drivers, pliers, and potentially a multimeter for diagnostics.

5. OPERATING PRINCIPLES

The dispenser actuator is an electromechanical component that controls the movement of the dispenser tray or valves within your washing machine. During a wash cycle, the washer's control board sends signals to the actuator, which then physically moves to open or close specific compartments of the dispenser. This action allows the precise release of detergent, bleach, or fabric softener into the wash tub at the appropriate stage of the cycle.

A properly functioning actuator ensures that your laundry additives are dispensed effectively, contributing to clean clothes and preventing issues like undissolved detergent or stained fabrics.

6. MAINTENANCE

As an internal component, the W10143586 dispenser actuator generally requires no routine maintenance. However, to prolong the life of your appliance and its parts:

- **Keep Dispenser Clean:** Regularly clean the detergent dispenser drawer to prevent buildup of detergent residue, which can impede the actuator's movement or cause blockages.
- **Use Recommended Detergent:** Use only the type and amount of detergent recommended by your washer's manufacturer. Excessive or incorrect detergent can lead to residue buildup.
- **Inspect for Leaks:** Periodically check around the dispenser area for any signs of leaks, which could indicate a problem with the dispenser or actuator.

7. TROUBLESHOOTING

If your washing machine is experiencing issues related to detergent dispensing, the dispenser actuator might be a contributing factor. Common symptoms of a faulty dispenser actuator include:

- **Detergent Not Dispensing:** Detergent remains in the dispenser cup after the cycle.
- **Bleach/Softener Not Dispensing:** Bleach or fabric softener is not released or is released at the wrong time.
- **Error Codes:** Some washer models may display specific error codes related to the dispenser system (e.g., an F30 error code on some models has been linked to dispenser issues).
- **Unusual Noises:** Clicking or grinding sounds from the dispenser area during operation.

If you encounter these issues, first ensure the dispenser drawer is clean and free of obstructions. If problems persist, further diagnosis of the actuator may be necessary, potentially requiring a multimeter to test electrical continuity or motor function. If the actuator is confirmed faulty, replacement with a genuine part like the W10143586 is recommended.

8. PRODUCT SPECIFICATIONS

Part Number	WPW10143586
Brand	Whirlpool (OEM for Kenmore, Maytag)
Item Weight	5.6 ounces
Package Dimensions	4.49 x 4.41 x 3.35 inches
ASIN	B072YTH2YT
Date First Available	February 3, 2017

9. WARRANTY AND SUPPORT

As a genuine OEM part, the Whirlpool W10143586 Dispenser Actuator typically carries a manufacturer's warranty. The duration and terms of the warranty may vary. Please retain your proof of purchase for any warranty claims. For specific warranty details, technical support, or assistance with installation, please refer to the documentation provided with your washing machine or contact the manufacturer directly. You can also reach out to the retailer from whom you purchased the part for support inquiries.

Always ensure you are using genuine replacement parts to maintain the integrity and warranty of your appliance.