



Manuals.plus /

› Kelvinator /

› Kelvinator Washing Machine Door Interlock Delay Switch User Manual

## Kelvinator 92129592

# Kelvinator Washing Machine Door Interlock Delay Switch User Manual

Model: 92129592

## 1. INTRODUCTION

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This user manual provides essential information for the installation, operation, and maintenance of your Kelvinator Washing Machine Door Interlock Delay Switch. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage. This component is a genuine Kelvinator replacement part designed to restore the proper functioning of your washing machine's door locking mechanism.

## 2. SAFETY INFORMATION

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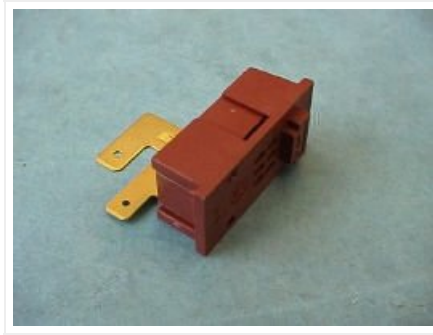
Always adhere to the following safety precautions to prevent injury or damage to your appliance:

- **Disconnect Power:** Before attempting any repair or installation, always unplug the washing machine from the power outlet and turn off the circuit breaker to prevent electric shock.
- **Professional Installation:** If you are unsure about any step, it is highly recommended to seek assistance from a qualified appliance technician.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses, during installation.
- **Handle with Care:** The component may have delicate parts. Handle it carefully to avoid damage.
- **Original Parts:** Use only genuine replacement parts to ensure compatibility and safety.

## 3. PRODUCT OVERVIEW

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The Kelvinator Washing Machine Door Interlock Delay Switch (Manufacturer Code: 92129592) is a critical safety component that ensures the washing machine door remains securely locked during operation, particularly during spin cycles. It also prevents the machine from starting if the door is not properly closed and locked.



A close-up view of the Kelvinator washing machine door interlock delay switch, showing its brown plastic housing and two golden metal terminals. This component is essential for the safe operation of the washing machine.

### Compatible Models:

This door interlock delay switch is compatible with the following Kelvinator washing machine models:

- K10TX
- K4
- K4T/F
- K4T/H
- K4TX
- K6.6TX
- K6T
- K8TX
- KM46RZA
- KM46ZA
- KWD8TX

### Part Number:

Manufacturer Code: **92129592**

## 4. SETUP AND INSTALLATION

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Replacing the door interlock delay switch typically involves accessing the front panel of the washing machine. The exact steps may vary slightly depending on your specific washing machine model. Always refer to your washing machine's service manual for detailed, model-specific instructions.

1. **Preparation:** Ensure the washing machine is unplugged from the power supply and the water supply is turned off.
2. **Access:** Carefully open the washing machine door. Depending on the model, you may need to remove the door seal or the front panel of the machine to access the existing door interlock.
3. **Locate Old Switch:** Identify the old door interlock switch, usually located near the door latch mechanism.
4. **Disconnect Wiring:** Carefully disconnect the electrical wiring connected to the old switch. Note the position of each wire if they are not color-coded or uniquely shaped.
5. **Remove Old Switch:** Unscrew or unclip the old switch from its mounting.
6. **Install New Switch:** Position the new Kelvinator door interlock delay switch (92129592) in the same location and secure it with screws or clips.
7. **Reconnect Wiring:** Reconnect the electrical wiring to the new switch, ensuring all connections are

secure and correct.

8. **Reassemble:** Reassemble any panels or door seals that were removed.
9. **Test:** Plug the washing machine back into the power supply. Close the door firmly and attempt to start a short cycle to verify the new switch is functioning correctly and the door locks as expected.

## 5. OPERATING PRINCIPLE

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The door interlock delay switch is an electromechanical safety device. When the washing machine door is closed, the door latch engages with the switch. Upon initiation of a wash cycle, the switch receives a signal from the control board, causing it to lock the door. A delay mechanism ensures the door remains locked for a short period after the cycle finishes or is paused, allowing internal components to slow down and ensuring safety before the door can be opened. This prevents accidental opening of the door during high-speed operations or when water is present.

## 6. MAINTENANCE

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The door interlock delay switch is a sealed unit and generally does not require routine maintenance. However, regular inspection of the washing machine door and latch mechanism can help identify potential issues early:

- **Door Alignment:** Ensure the washing machine door closes properly and aligns with the latch mechanism. Misalignment can put undue stress on the interlock switch.
- **Cleanliness:** Keep the area around the door latch and seal clean from detergent residue or debris that could obstruct the latching mechanism.
- **Inspect for Wear:** Periodically check the door latch and the switch for any visible signs of wear, cracks, or damage.

## 7. TROUBLESHOOTING

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If you experience issues related to the washing machine door or starting cycles, the door interlock delay switch might be a contributing factor. Here are some common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Washing machine will not start.	Door not fully closed or interlock switch faulty.	Ensure door is firmly closed. Inspect door latch for obstruction. If issue persists, the interlock switch may need replacement.
Door does not lock during cycle.	Faulty interlock switch or wiring issue.	Check wiring connections to the switch. If connections are secure, the switch itself is likely defective and requires replacement.
Door remains locked after cycle ends.	Faulty interlock switch (delay mechanism failure).	Allow extra time for the delay mechanism. If it remains locked indefinitely, the switch is faulty and needs replacement.
Error code related to door lock.	Interlock switch malfunction.	Consult your washing machine's user manual for specific error code meanings. Often, these codes indicate a faulty door interlock switch.

**Note:** Always disconnect power before inspecting or replacing components. If you are not comfortable performing these checks, contact a qualified technician.

## 8. SPECIFICATIONS

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<b>Manufacturer</b>	Kelvinator
<b>Manufacturer Part Number</b>	92129592
<b>ASIN</b>	B009NH7XL0
<b>First Available Date</b>	October 12, 2017
<b>Product Type</b>	Washing Machine Door Interlock Delay Switch (Replacement Part)

## 9. WARRANTY AND SUPPORT

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As a genuine Kelvinator replacement part, this product is manufactured to high standards. Specific warranty terms for replacement parts may vary. Please retain your proof of purchase. For any questions regarding installation, troubleshooting, or warranty claims, it is recommended to contact Kelvinator customer support or an authorized service center. Always ensure you are using genuine Kelvinator parts for optimal performance and safety.

For further assistance, please refer to the official Kelvinator website or your washing machine's original user manual.