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ALINREDBX WTW5010LW0

ALINREDBX Washer Lid Lock Switch User Manual

Model: WTW5010LW0 | Brand: ALINREDBX

1. Introduction

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of the ALINREDBX Washer Lid Lock Switch. This component is designed as a direct replacement part for various Whirlpool and Crosley washing machine models, ensuring the lid remains securely locked during operation for safety and proper cycle completion.

2. Safety Information

WARNING: Before attempting any repair or installation on an appliance, always disconnect the power supply to the washing machine. Failure to do so can result in serious injury or electrical shock. If you are unsure about any step, consult a qualified technician.

- Always wear appropriate personal protective equipment, such as gloves and safety glasses.
- Ensure the washing machine is completely unplugged from the electrical outlet before beginning work.
- Turn off the water supply to the washing machine.
- Follow all local electrical and plumbing codes.

3. Product Overview

The ALINREDBX Washer Lid Lock Switch is a critical safety component in top-loading washing machines. It prevents the washer lid from being opened during the spin cycle or when the tub contains water, ensuring user safety and preventing water spills. This replacement part is engineered for durability and reliable performance.



Image 3.1: ALINREDBX Washer Lid Lock Switch. This image displays the complete lid lock switch assembly, including the main housing, wiring harness, and electrical connector, against a plain white background.

Key Features:

- **OE/OEM Part Number:** WTW5010LW0, WTW5015LW0, WTW5057LW0, W11414731, W11513248 4964074, AP7002928, PS16543458, EAP16543458, CAW45125LW0
- **Plug-and-Play:** Designed for easy installation with no assembly required.
- **High-Quality Components:** Manufactured with superior materials for enhanced durability and longevity.
- **Tested for Quality:** All products undergo rigorous testing to ensure high-quality standards before shipping.

4. Compatibility

This ALINREDBX Washer Lid Lock Switch is suitable for a range of washing machine models from Whirlpool and Crosley. Please verify your appliance's model number against the list below to ensure compatibility.

Compatible Models:

- Whirlpool WTW5010LW0

- Whirlpool WTW5015LW0
- Whirlpool WTW5057LW0
- Whirlpool WTW4810FW1
- Whirlpool MVWC565FW0
- Whirlpool MVWC465HW0
- Crosley CAW45125LW0

Replaces Part Numbers:

WTW5010LW0, WTW5015LW0, WTW5057LW0, W11414731, W11513248, 4964074, AP7002928, PS16543458, EAP16543458, CAW45125LW0

5. Setup and Installation

The ALINREDBX Washer Lid Lock Switch is designed for direct replacement and features a plug-and-play connection. While installation is generally straightforward for those with appliance repair experience, it is recommended to consult a professional technician if you are not comfortable performing the repair yourself.

General Installation Steps (Consult your appliance's specific service manual for detailed instructions):

1. **Disconnect Power:** Unplug the washing machine from the electrical outlet.
2. **Access the Lid Lock:** Depending on your washer model, you may need to remove the top panel or control panel to access the lid lock switch. Refer to your washer's service manual for specific access procedures.
3. **Disconnect Old Switch:** Carefully disconnect the electrical connector and any mounting screws or clips securing the old lid lock switch.
4. **Remove Old Switch:** Remove the faulty lid lock switch from its mounting position.
5. **Install New Switch:** Position the new ALINREDBX lid lock switch in place and secure it with the original screws or clips.
6. **Connect Wiring:** Connect the electrical connector from the washer's wiring harness to the new lid lock switch. Ensure a secure connection.

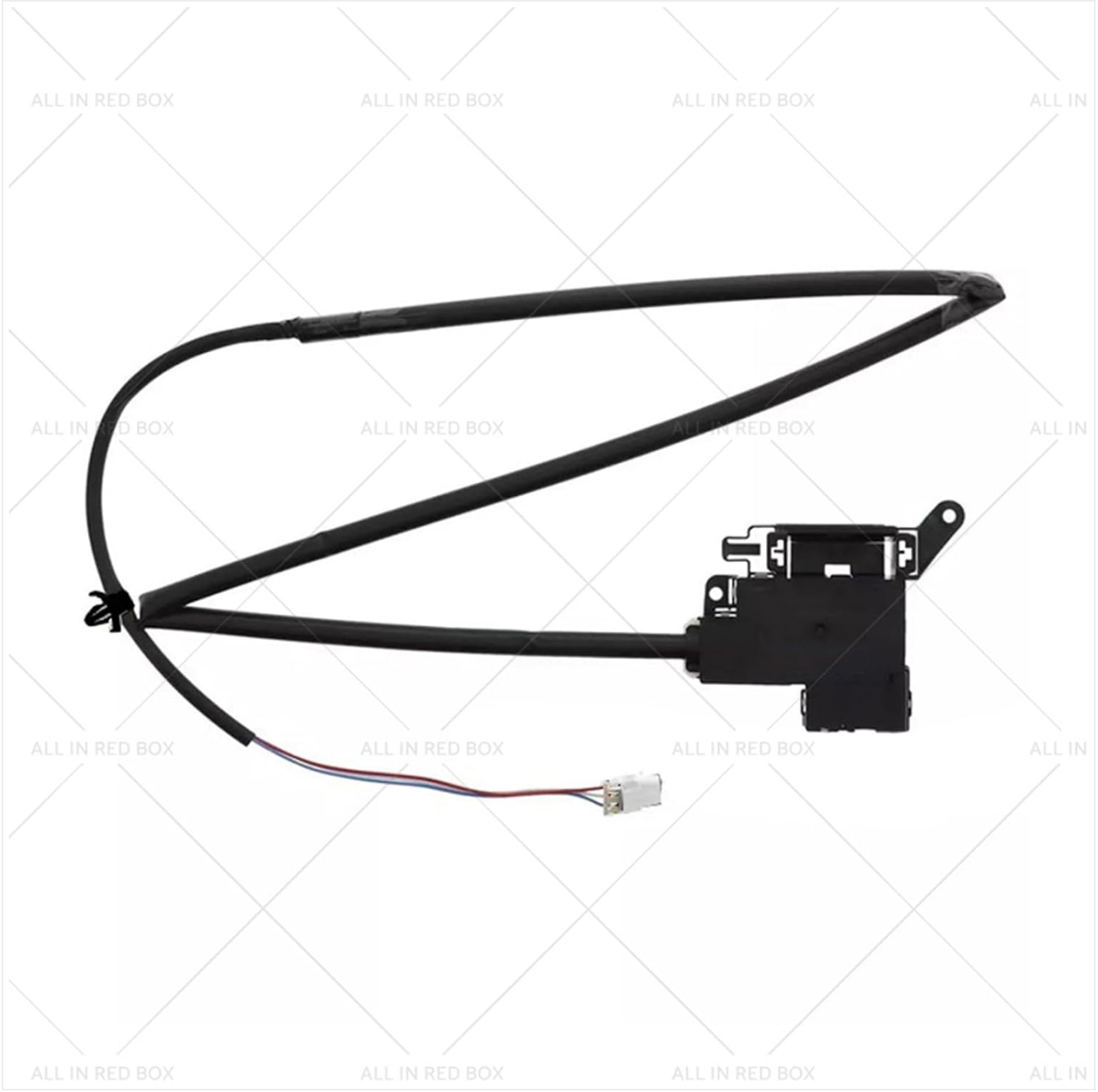

Image 5.1: Close-up of the three-wire Molex plug. This image highlights the electrical connector of the lid lock switch, showing the three wires (red, blue, white) and the plug design for easy connection.

7. **Reassemble Washer:** Reattach any panels or components that were removed to access the switch.
8. **Test Functionality:** Plug the washing machine back into the electrical outlet and run a test cycle to ensure the lid lock functions correctly.



Image 5.2: ALINREDBX Washer Lid Lock Switch. This image provides an angled view of the lid lock switch, showcasing the main body, the attached wiring harness, and the electrical connector, illustrating the complete assembly.

6. Operating Instructions

The washer lid lock switch operates automatically as part of the washing machine's safety system. There are no manual operating steps for this component itself. Its function is integrated into the washer's control system:

- When a wash cycle begins, particularly during the fill, agitation, and spin phases, the washer's control board sends a signal to the lid lock switch.
- The switch engages, physically locking the washer lid to prevent it from being opened.
- Once the cycle is complete, or at a safe point in the cycle (e.g., after the spin cycle has finished and the drum has slowed), the control board signals the switch to disengage, allowing the lid to be opened.

Proper operation of the lid lock switch is crucial for both user safety and the correct functioning of the washing machine.

7. Maintenance

The ALINREDBX Washer Lid Lock Switch is a sealed unit and does not require routine maintenance. However, to ensure the longevity of your appliance and its components:

- Keep the area around the washer lid clean and free of debris that could obstruct the lid lock mechanism.
- Avoid slamming the washer lid, as this can put undue stress on the lid lock assembly.
- If you notice any unusual noises or resistance when opening or closing the lid, inspect the lid lock area for obstructions.

8. Troubleshooting

A malfunctioning lid lock switch can cause various issues with your washing machine. Here are common symptoms and potential solutions:

Symptom	Possible Cause	Solution
Washer will not start or fill with water.	Lid lock switch not engaging or faulty.	Check for obstructions around the lid. Inspect the lid strike. If no visible issue, the switch may need replacement.
Washer stops mid-cycle or does not spin.	Lid lock switch disengaging prematurely or failing to signal 'locked' status.	Ensure the lid is fully closed. If the issue persists, the switch may be faulty.
Lid remains locked after cycle completion.	Lid lock switch failing to disengage.	Try unplugging the washer for 5 minutes to reset. If still locked, the switch may be stuck or faulty.
Error code related to lid lock.	Faulty lid lock switch or wiring issue.	Consult your washer's service manual for the specific error code. Often indicates a need for switch replacement.

If troubleshooting steps do not resolve the issue, it is likely that the lid lock switch needs to be replaced. Refer to the 'Setup and Installation' section or contact a qualified appliance technician.

9. Specifications

Specification	Detail
Product Type	Washer Lid Lock Switch
OE/OEM Part Number	WTW5010LW0, WTW5015LW0, WTW5057LW0, W11414731, W11513248 4964074, AP7002928, PS16543458, EAP16543458, CAW45125LW0
Fitment Type	Direct Replacement
Material	Plastic, Metal
Wire Type	Three-Wire with Molex Plug
Compatible Brands	Whirlpool, Crosley
Placement on Vehicle/Appliance	Washing Machine Lid

Specification	Detail
Installation Type	Direct Replacement
Quantity in Package	1
Item Weight	5.3 ounces
Package Dimensions	6.3 x 4.3 x 1.6 inches
Item Model Number	WTW5010LW0
Manufacturer	ALINREDBX
Lock Type	Rim Lock
Control Method	Touch (Refers to the washer's control panel interaction, not the switch itself)

10. Warranty and Support

Specific warranty details for this ALINREDBX Washer Lid Lock Switch are not provided in the product information. For warranty inquiries or technical support, please contact ALINREDBX directly through their official channels or the retailer from whom the product was purchased.

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