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Maxx Ice 1854005700

Maxx Ice 1854005700 Mim50 Magnetic Switch User Manual

Model: 1854005700

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Maxx Ice 1854005700 Mim50 Magnetic Switch. Please read this manual thoroughly before installation and use to ensure safe and efficient performance.

PRODUCT DESCRIPTION

The Maxx Ice 1854005700 Mim50 Magnetic Switch is a genuine OEM replacement part designed for use in various Maxx Ice equipment, including ice machines, ice bins, merchandisers, and displays. This component is crucial for the proper functioning of your appliance, ensuring safety, reliability, and optimal performance.

It is a Reed Switch type with a Normally Open contact and Molex connector, designed for surface mounting. The switch is made of metal and operates manually.

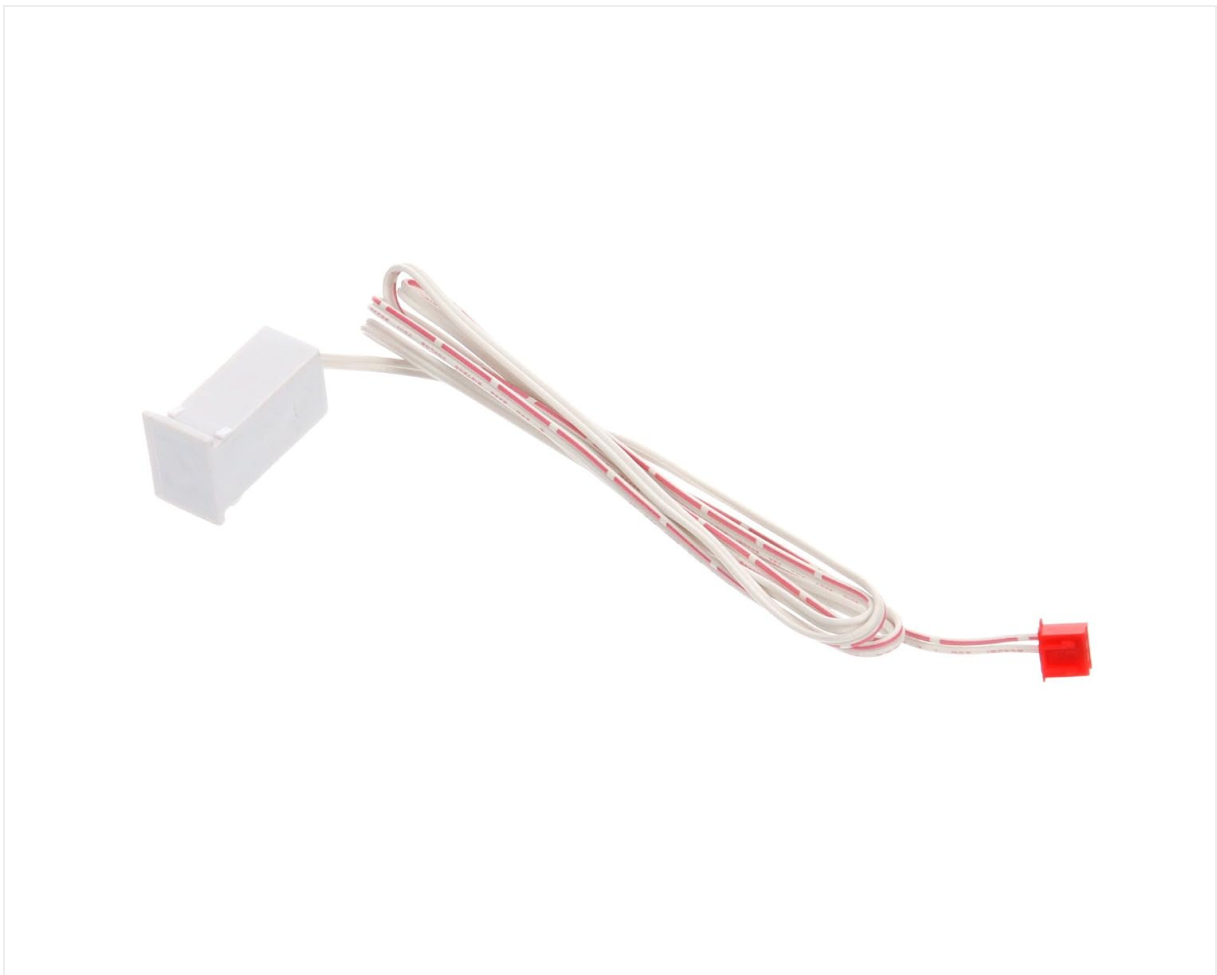


Image: The Maxx Ice 1854005700 Mim50 Magnetic Switch, showing its white rectangular body, attached white wires with red stripes, and a small red connector at the end of the wires.

SAFETY INFORMATION

- Always disconnect power to the appliance before attempting any installation, maintenance, or repair.
- Only qualified personnel should perform installation and service.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.
- Ensure all connections are secure and correct before restoring power.
- Refer to the specific appliance's service manual for detailed instructions on component replacement.

SETUP AND INSTALLATION

The Maxx Ice 1854005700 Mim50 Magnetic Switch is designed as a direct OEM replacement. Installation typically involves replacing an existing faulty magnetic switch within a Maxx Ice appliance.

Installation Steps:

1. **Power Disconnection:** Ensure the appliance is completely disconnected from its power source. Verify with a voltage tester.
2. **Access the Component:** Locate the existing magnetic switch within your Maxx Ice appliance. This may require removing panels or covers. Refer to your appliance's specific service manual for exact location and access procedures.
3. **Disconnect Old Switch:** Carefully disconnect the Molex connector from the old magnetic switch. Note the routing of the wires.

4. **Remove Old Switch:** Detach the old magnetic switch from its mounting location. It is typically surface mounted.
5. **Install New Switch:** Mount the new Maxx Ice 1854005700 Mim50 Magnetic Switch in the same location and orientation as the old one. Ensure it is securely fastened.
6. **Connect New Switch:** Connect the Molex connector to the new switch, ensuring a firm and proper connection.
7. **Reassemble:** Replace any panels or covers that were removed during the process.
8. **Restore Power:** Once installation is complete and all connections are secure, restore power to the appliance.

Note: Improper installation can lead to appliance malfunction or safety hazards. If you are unsure about any step, consult a qualified technician.

OPERATION

The Maxx Ice 1854005700 Mim50 Magnetic Switch operates as a sensor, typically detecting the presence or absence of a magnetic field. In ice machines, it often functions as a bin-full sensor or a door-closed sensor. When the magnetic field is present (e.g., ice bin is full, door is closed), the switch's state changes, signaling the appliance's control system.

As a "Normally Open" contact type, the circuit is open (no current flow) when the magnetic field is absent, and closes (allows current flow) when the magnetic field is present. Its operation mode is manual, meaning its state changes based on the physical interaction with a magnet.

MAINTENANCE

The magnetic switch itself requires minimal maintenance. However, regular inspection of the switch and its wiring is recommended as part of routine appliance maintenance.

- **Visual Inspection:** Periodically check the switch for any signs of physical damage, corrosion, or loose connections.
- **Cleanliness:** Ensure the area around the switch is clean and free from ice buildup, debris, or moisture that could interfere with its operation.
- **Wiring Integrity:** Inspect the wires connected to the switch for fraying, cuts, or signs of overheating.

If any issues are observed, disconnect power and address them promptly. Replace the switch if it shows signs of damage or malfunction.

TROUBLESHOOTING

If your Maxx Ice appliance is exhibiting issues related to ice production or bin-full detection, the magnetic switch may be a contributing factor. Here are some common troubleshooting steps:

Symptom	Possible Cause	Solution
Ice machine stops making ice prematurely or indicates bin full when it's not.	Faulty magnetic switch (stuck closed) or misaligned magnet.	Check switch alignment with magnet. Test switch continuity with a multimeter. Replace if faulty.

Symptom	Possible Cause	Solution
Ice machine continues to make ice even when bin is full.	Faulty magnetic switch (stuck open), disconnected wiring, or missing magnet.	Verify magnet presence and position. Check wiring connections. Test switch continuity. Replace if faulty.
Intermittent operation of the ice machine.	Loose wiring connection at the switch or intermittent switch failure.	Secure all wiring connections. If problem persists, replace the switch.

If troubleshooting steps do not resolve the issue, it is recommended to contact a certified Maxx Ice service technician.

SPECIFICATIONS

Model Number:	1854005700
Brand:	Maxx Ice
Product Dimensions:	2.16 x 22.23 x 6.35 cm (0.85 x 8.75 x 2.5 inches)
Item Dimensions (L x W x H):	22 x 222 x 64 mm (0.87 x 8.74 x 2.52 inches)
Weight:	0.28 g (0.01 oz)
Material:	Metal
Switch Type:	Reed Switch
Operation Mode:	Manual
Contact Type:	Normally Open
Connector Type:	Molex
Circuit Type:	Parallel
Mounting Type:	Surface Mount

WARRANTY AND SUPPORT

As an OEM replacement part, the Maxx Ice 1854005700 Mim50 Magnetic Switch typically falls under the warranty terms of the original Maxx Ice appliance or the specific part warranty provided by Maxx Ice. Please refer to your appliance's original documentation or contact Maxx Ice customer support for detailed warranty information.

For technical assistance, replacement parts, or service inquiries, please contact Maxx Ice customer support or an authorized service provider. Using genuine OEM parts ensures continued safety, reliability, and performance of your Maxx Ice equipment.

Note: Warranty may be voided if non-genuine parts are used or if installation is performed by unqualified personnel.

