

31003SAW

# Generic Dryer Ignitor Kit Instruction Manual

Model: 31003SAW

## INTRODUCTION

This manual provides essential information for the installation and maintenance of your Generic Dryer Ignitor Kit. This replacement part is designed to restore proper ignition function to compatible dryer models. Please read all instructions carefully before proceeding with installation to ensure safety and correct operation.

**Compatibility:** This ignitor kit is compatible with various Magic Chef dryer models, including but not limited to: 9112XPB, 31003SAW, 9475XYB, 31213WAV, CGR3740ADL, 674WJ-EKVW, CJ9641A590R, 79071105893, 70231, PLGF389ACA, 285640A, FGF374CCSB, FGF337AUH, FGF354BGDC, FGF337ASF, WMG3020B, JGW8130ADB, FCG20600W, SCG20200B, JGR8855ADS, JGW8130AD, 3468VVV, 68-255, MGR5750ADW, CRG9700CAE, MGR5770ADW, MGR5729ADW, MGR5870ADW, CHG98, TGF336BHWA, TGF317ESB, TGF317ESC, TGF645WFW6, 72-3657-00-01.

Always verify compatibility with your specific appliance model before installation. Refer to your dryer's original service manual for detailed disassembly and reassembly instructions.

## SAFETY INFORMATION

- **Disconnect Power:** Always disconnect the dryer from its power source (unplug or turn off circuit breaker) before attempting any repairs or installation. Failure to do so can result in electric shock or serious injury.
- **Disconnect Gas (Gas Dryers):** For gas dryers, turn off the gas supply valve to the dryer before beginning work.
- **Professional Installation Recommended:** If you are not comfortable with appliance repair, it is highly recommended to seek assistance from a qualified technician.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, such as gloves and safety glasses, to prevent injury.
- **Handle with Care:** The ignitor element is fragile. Handle it carefully to avoid breakage.
- **Ventilation:** Ensure adequate ventilation when working on gas appliances.

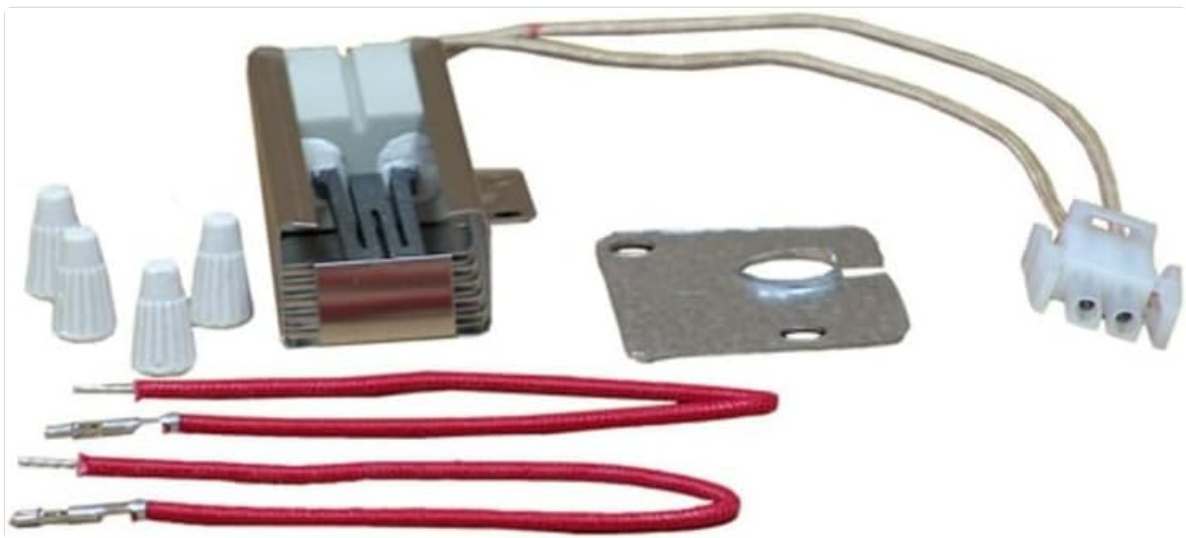
## PACKAGE CONTENTS

The Generic Dryer Ignitor Kit includes the following components:

- 1x Dryer Ignitor Assembly
- 2x Wire Leads with terminals
- 4x Ceramic Wire Nuts
- 1x Mounting Bracket



**Image 1:** Overview of the Generic Dryer Ignitor Kit components. This image displays the ignitor assembly, two red wire leads with spade terminals, four white ceramic wire nuts, and a metal mounting bracket, all laid out on a white background.



**Image 2:** A closer view of the Generic Dryer Ignitor Kit components, showing the ignitor assembly with its electrical connector, the mounting bracket, the red wire leads, and the ceramic wire nuts. This angle provides more detail on the individual parts.

## INSTALLATION INSTRUCTIONS

These are general instructions. Always consult your specific dryer's service manual for precise steps.

### 1. Prepare the Dryer:

- Disconnect the dryer from its power supply.
- For gas dryers, turn off the gas supply valve.
- Move the dryer away from the wall to access the rear or side panels.

## 2. Access the Ignitor:

- Depending on your dryer model, you may need to remove the front panel, rear panel, or lower access panel to reach the burner assembly where the ignitor is located.
- Carefully locate the existing ignitor. It is typically a fragile, glowing element near the gas burner.

## 3. Remove the Old Ignitor:

- Disconnect the electrical wires leading to the old ignitor. Note their connection points.
- Unscrew or unclip the old ignitor from its mounting bracket. Be careful not to break it further.
- If the old ignitor is integrated with a bracket, remove the entire assembly.

## 4. Install the New Ignitor:

- Attach the new ignitor to the mounting bracket (if separate) or use the provided mounting bracket to secure it in the same position as the old one. Ensure it is securely fastened but do not overtighten.
- Connect the new ignitor's wires to the dryer's wiring harness. Use the provided ceramic wire nuts for a secure and insulated connection if splicing is required. Ensure connections are tight and correct.
- Avoid touching the ignitor's ceramic element with bare hands, as oils can shorten its lifespan.

## 5. Reassemble and Test:

- Carefully reassemble any panels or components that were removed.
- Reconnect the dryer to its power supply.
- For gas dryers, turn the gas supply valve back on.
- Run a short cycle to test the ignitor. Observe if the ignitor glows and the burner ignites the gas.

## POST-INSTALLATION CHECK

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After installation, perform the following checks:

- **Visual Inspection:** Ensure all connections are secure and no wires are pinched or exposed.
- **Gas Leak Check (Gas Dryers):** If you have a gas dryer, check for gas leaks around connections using a soapy water solution. Bubbles indicate a leak. If a leak is detected, turn off the gas immediately and tighten connections or seek professional help.
- **Functionality Test:** Run a short, unheated cycle to confirm the dryer operates normally. Then, run a heated cycle to ensure the ignitor glows and the gas burner ignites properly.
- **Ventilation:** Ensure the dryer's exhaust vent is clear and unobstructed.

## MAINTENANCE

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The ignitor itself is not a user-serviceable part for maintenance. Its lifespan is determined by usage and environmental factors. However, general dryer maintenance can help prolong the life of all components, including the ignitor:

- **Clean Lint Filter:** Clean the lint filter before or after every load to maintain airflow and prevent

overheating.

- **Inspect Venting:** Periodically inspect and clean the dryer's exhaust vent system to prevent lint buildup, which can restrict airflow and cause components to work harder or overheat.
- **Professional Servicing:** Consider professional servicing every few years to ensure all components are functioning correctly and to address any potential issues.

## TROUBLESHOOTING

If your dryer is not heating after replacing the ignitor, consider the following common issues:

Problem	Possible Cause	Solution
Dryer runs but no heat	<ul style="list-style-type: none"><li>◦ Ignitor not glowing</li><li>◦ Gas valve not opening (gas dryers)</li><li>◦ Thermal fuse blown</li><li>◦ Flame sensor faulty</li><li>◦ Wiring issue</li></ul>	<ul style="list-style-type: none"><li>◦ Check ignitor wiring connections.</li><li>◦ Verify gas supply is on and gas valve is functioning.</li><li>◦ Inspect thermal fuse and flame sensor; replace if faulty.</li><li>◦ Ensure all electrical connections are secure.</li></ul>
Ignitor glows but no flame	<ul style="list-style-type: none"><li>◦ Gas supply off or restricted</li><li>◦ Gas valve coils faulty</li><li>◦ Flame sensor issue</li></ul>	<ul style="list-style-type: none"><li>◦ Confirm gas supply is fully open.</li><li>◦ Test gas valve coils for continuity; replace if necessary.</li><li>◦ Check flame sensor for proper placement and function.</li></ul>
Dryer not starting at all	<ul style="list-style-type: none"><li>◦ No power to dryer</li><li>◦ Door switch faulty</li><li>◦ Start button issue</li></ul>	<ul style="list-style-type: none"><li>◦ Check circuit breaker and power cord.</li><li>◦ Inspect door switch for proper operation.</li><li>◦ Consult dryer's main manual for starting issues unrelated to ignitor.</li></ul>

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified appliance repair technician.

## SPECIFICATIONS

- **Part Number:** 31003SAW (also listed as dryerPart#512496)
- **Model:** 31003SAW
- **Manufacturer:** Generic
- **Item Package Quantity:** 1 (Ignitor Kit)
- **Color:** Multicolor (referring to components)
- **Compatible Models:** Magic Chef 9112XPB, 31003SAW, 9475XYB, 31213WAV, CGR3740ADL, and many others as listed in the Introduction.

## WARRANTY AND SUPPORT

Specific warranty information for this Generic replacement part is not provided in the product details. Please refer to the retailer or seller from whom you purchased this item for any warranty inquiries or

support needs.

For technical assistance or further questions regarding installation, it is recommended to consult a professional appliance repair technician or refer to the service manual for your specific dryer model.