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› UpStart Components D7824706Q Refrigerator Ice Maker Replacement Instruction Manual

UpStart Components D7824706Q

UpStart Components D7824706Q Refrigerator Ice Maker Replacement Instruction Manual

Model: D7824706Q

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the UpStart Components D7824706Q Refrigerator Ice Maker Replacement. This component is designed to replace the original ice maker in compatible Kenmore/Sears refrigerator models, including 596.76589500, and is compatible with W10190978 icemakers.

Please read these instructions carefully before proceeding with installation to ensure proper function and safety. This product is a replacement part manufactured by UpStart Components and is not an Original Equipment Manufacturer (OEM) product. All mentions of original brand names or model descriptions are for compatibility illustration only.

2. SAFETY INFORMATION

Always prioritize safety when working with appliances. Failure to follow these safety guidelines may result in injury or damage to property.

- **Disconnect Power:** Before beginning any installation or maintenance, always unplug the refrigerator from its power source or turn off the circuit breaker to prevent electrical shock.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, such as work gloves, to protect your hands from sharp edges or components.
- **Handle with Care:** Components may have sharp edges or delicate parts. Handle the ice maker and surrounding refrigerator parts carefully.
- **Water Supply:** Ensure the water supply to the refrigerator is turned off before disconnecting any water lines.
- **Professional Assistance:** If you are unsure about any step of the installation process, consult a qualified appliance technician.

3. SETUP AND INSTALLATION

This section outlines the steps for replacing your refrigerator's ice maker. Ensure you have confirmed compatibility with your refrigerator model before proceeding.

3.1. Pre-Installation Checklist

- Confirm the new ice maker (Model D7824706Q) matches the original part you are replacing.
- Gather necessary tools: screwdriver (Phillips and/or flathead), nut driver (if applicable), work gloves.
- Ensure the refrigerator is empty of ice and any stored items that might obstruct access.

3.2. Installation Steps

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker supplying power to the refrigerator.
2. **Access the Ice Maker:** Open the freezer door. The ice maker is typically located in the upper left corner of the freezer compartment. You may need to remove the ice bucket to gain full access.
3. **Disconnect Water Line (if applicable):** If your ice maker has a direct water line connection within the freezer, turn off the main water supply to the refrigerator and disconnect the line. Be prepared for a small amount of residual water.
4. **Remove Old Ice Maker:**
 - Locate the mounting screws or clips holding the old ice maker in place. These are usually on the side or top of the unit.
 - Carefully remove the screws or release the clips.
 - Gently pull the ice maker forward to expose the electrical connector.
 - Disconnect the electrical wire harness by pressing the release tab and pulling the connector apart.
 - Remove the old ice maker from the freezer.
5. **Install New Ice Maker:**
 - Connect the electrical wire harness of the new D7824706Q ice maker to the refrigerator's connector. Ensure it clicks securely into place.
 - Position the new ice maker in the freezer compartment, aligning it with the mounting points.
 - Secure the ice maker with the mounting screws or clips removed earlier. Ensure it is firmly attached and level.
 - If applicable, reconnect the water line and turn the main water supply back on. Check for leaks.
6. **Restore Power:** Plug the refrigerator back into the wall outlet or turn the circuit breaker back on.



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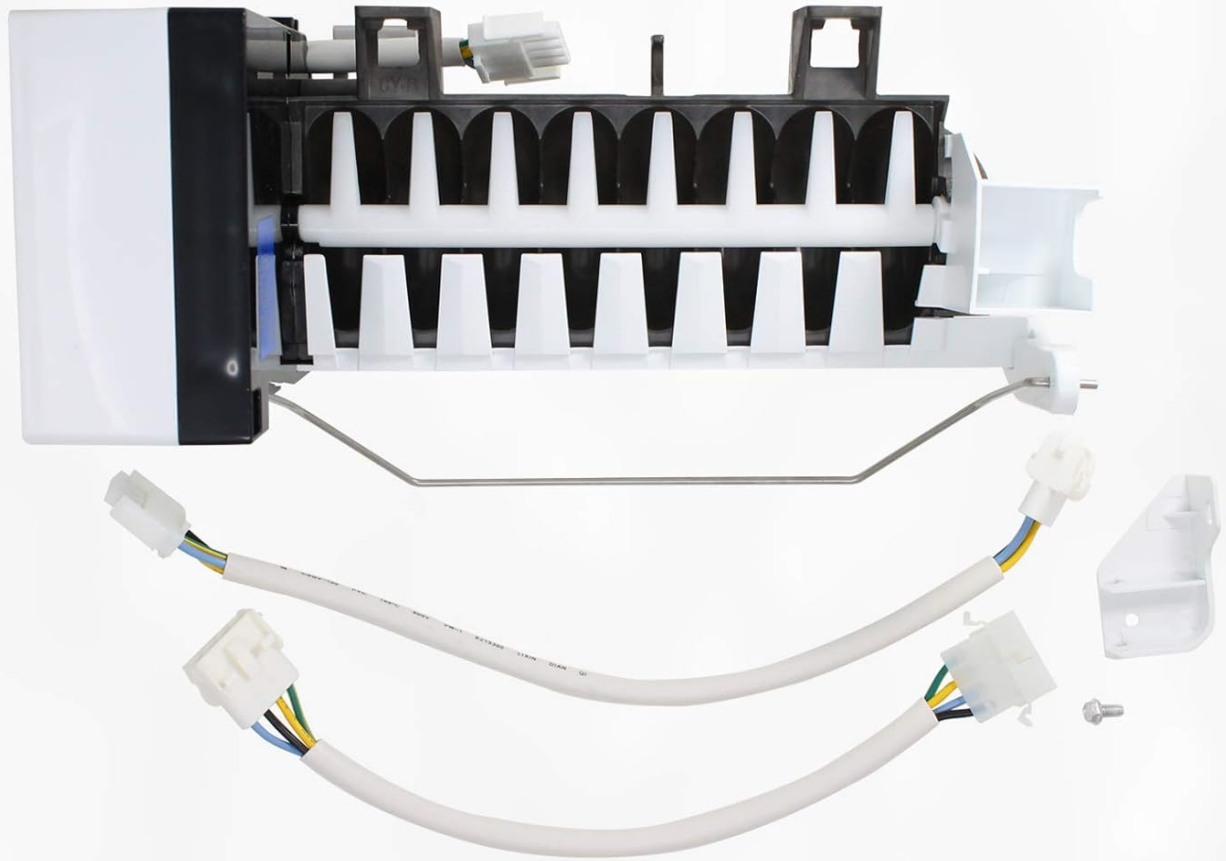


Figure 1: Overview of the UpStart Components D7824706Q Ice Maker Replacement, showing the main unit, two wiring harnesses, a mounting bracket, and a screw.

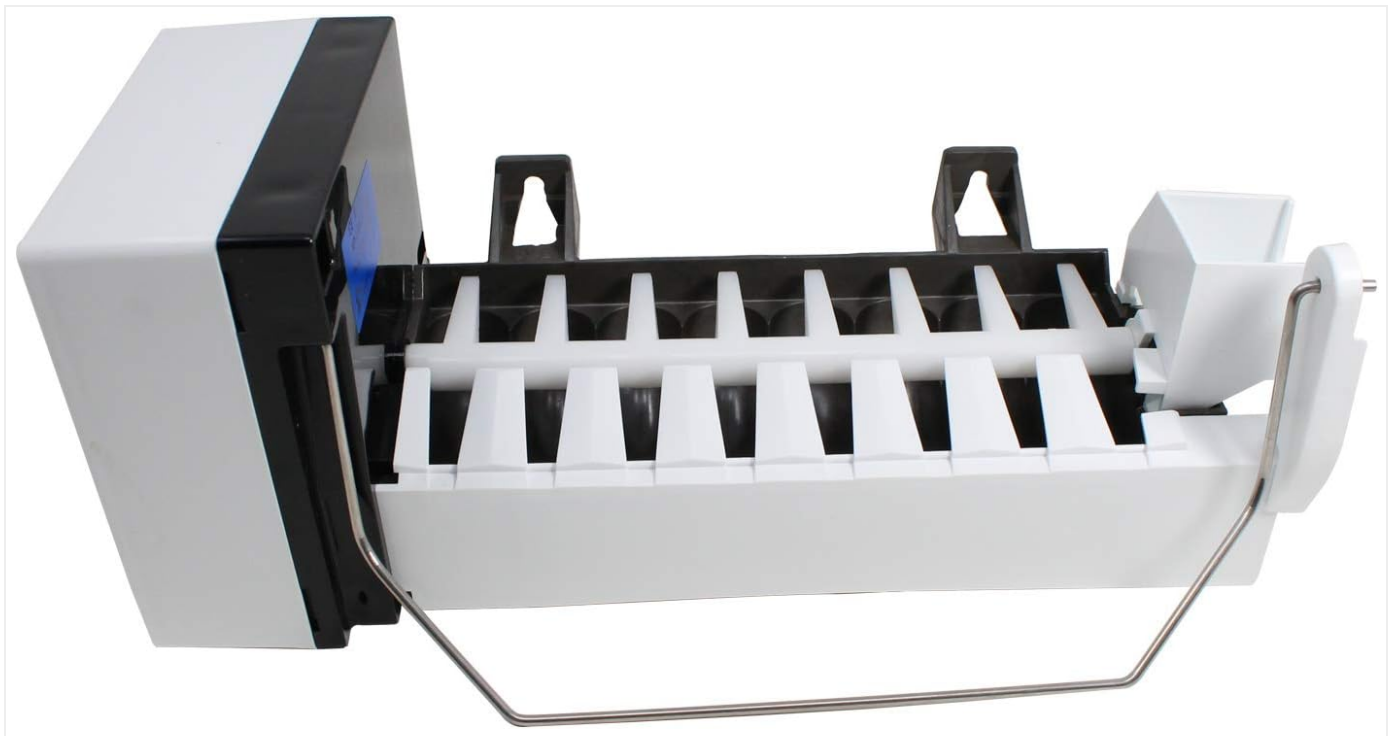


Figure 2: Side view of the ice maker, highlighting the ice mold and the integrated control box.



Figure 3: The included wiring harnesses and a small white mounting bracket, essential for electrical connection and secure installation.

4. OPERATING INSTRUCTIONS

After installation, the ice maker will begin its operation cycle. Please note the following:

- **Initial Startup:** It may take several hours for the ice maker to produce its first batch of ice after installation. The freezer needs to reach its optimal temperature, and the water line needs to fill.
- **Discard First Batches:** For sanitary reasons and to flush any air or impurities from the water line, discard the first 2-3 batches of ice produced.
- **Normal Operation:** The ice maker will automatically fill with water, freeze it, and then eject the ice cubes into the ice bucket. It will stop producing ice once the ice bucket is full and resume when ice levels drop.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your ice maker.

- **Cleaning the Ice Bucket:** Periodically remove and wash the ice bucket with mild soap and warm water. Rinse thoroughly and dry completely before returning it to the freezer.

- **Checking Water Line:** Occasionally inspect the water supply line for kinks, leaks, or damage. Ensure the water filter (if applicable to your refrigerator) is replaced according to the manufacturer's recommendations.
- **Cleaning the Ice Maker:** If mineral deposits or mold accumulate on the ice maker components, disconnect power, and gently wipe down accessible surfaces with a damp cloth. Avoid using harsh chemicals.

6. TROUBLESHOOTING

If your ice maker is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
No ice production	Refrigerator not plugged in or power off. Water supply turned off or kinked line. Freezer temperature too high. Ice maker arm in "off" position. Clogged water filter.	Check power connection and circuit breaker. Ensure water supply valve is open and line is clear. Adjust freezer temperature to recommended setting (0°F / -18°C). Lower the ice maker's shut-off arm. Replace refrigerator water filter if applicable.
Small or hollow ice cubes	Low water pressure. Partially clogged water line or filter.	Check household water pressure. Inspect water line for kinks; replace water filter.
Ice tastes bad or has odor	Old ice in bucket. Food odors in freezer. Water filter needs replacement.	Discard old ice and clean ice bucket. Store odorous foods in airtight containers. Replace water filter.
Water leaking from ice maker	Loose water line connection. Cracked water fill cup. Ice maker overfilling.	Tighten water line connections. Inspect fill cup for damage. Ensure ice maker is level and not overfilling (may require professional adjustment).

7. SPECIFICATIONS

Key specifications for the UpStart Components D7824706Q Refrigerator Ice Maker Replacement:

- **Brand:** UpStart Components
- **Model Number:** D7824706Q (also identified as AP-D7824706Q-DL7217)
- **Compatible with Kenmore/Sears Models:** 596.76589500
- **Compatible with Icemaker Part Numbers:** W10190978, AP4135008, 68111-1, 68972-1, 68972-4, 8170937, 915772, 95091-1, 95098-1, 95109-1, AH2121513, D7767601, D7824701, D7824702, D7824703, D7824704, D7824705, D7824705Q, D7824706, D7824706QVP, EA2121513, PS2121513, R0154025, R0156629, R0161059, R0161061, R0183135, R0194462, R0194462A, R0194666, R0950064, W10122519, Y0056504, Y0056599, Y0056606, Y0312578, Y0312738, Y0312740, Y689724, YR0161061.

8. WARRANTY INFORMATION

This product is a replacement part manufactured by UpStart Components. Any warranties for this specific product are offered solely by UpStart Components. For detailed warranty terms and conditions, please contact UpStart Components directly. This product is not covered under any warranties offered by the original appliance manufacturers.

9. SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your UpStart Components D7824706Q Refrigerator Ice Maker Replacement, please contact UpStart Components customer support. Refer to the product packaging or the UpStart Components website for contact information.

