

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [UpStart Components](#) /

› [UpStart Components 4317943 Refrigerator Ice Maker Replacement Manual for Kenmore/Sears 596.76253701 and W10190952](#)

UpStart Components AP-4317943-DL3969

UpStart Components 4317943 Refrigerator Ice Maker Replacement Manual

Model: AP-4317943-DL3969

INTRODUCTION

This manual provides instructions for the installation, operation, maintenance, and troubleshooting of the UpStart Components 4317943 Refrigerator Ice Maker Replacement. This unit is designed to be compatible with various Kenmore/Sears refrigerator models, including those using the 596.76253701 and W10190952 icemakers. Please read this manual thoroughly before proceeding with installation or use to ensure proper function and safety.

SAFETY INFORMATION

WARNING: Before attempting any installation or repair, always disconnect power to the refrigerator by unplugging it from the electrical outlet or turning off the circuit breaker. Failure to do so can result in electrical shock, injury, or death.

- Wear appropriate personal protective equipment, such as gloves, during installation.
- Ensure all connections are secure and properly insulated after installation.
- Keep children and pets away from the work area.
- If you are unsure about any step, consult a qualified appliance technician.

PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- 1x Ice Maker Assembly (Model 4317943)
- 1x Metal Mounting Plate
- 1x Small Metal Mounting Bracket
- 2x Mounting Screws

- Multiple Wiring Harnesses/Adapters (various configurations for compatibility)



Image 1: Overview of the UpStart Components 4317943 ice maker replacement kit, including the main ice maker unit, mounting hardware, and various wiring harnesses for broad compatibility.



Image 2: Close-up view of the included wiring harnesses and metal mounting hardware, essential for adapting the ice maker to different refrigerator models.

SPECIFICATIONS

- **Model Number:** AP-4317943-DL3969
- **Part Number:** 4317943
- **Brand:** UpStart Components
- **Compatibility:** Replaces Kenmore/Sears 596.76253701, W10190952, and other compatible part numbers including AP2984633, 4317943R, 4317943VP, 46000978556, 46004211173, AH358591, EA358591, ER4317943, J21791, J22241, M626687, PS358591, RIM943, TJ90RIM943, W10122496, W10190952, W10281545, W10632400.
- **Material:** Durable, high-quality components designed for longevity.



Image 3: Side profile of the ice maker assembly, showing the ice mold and the ice level sensor arm.

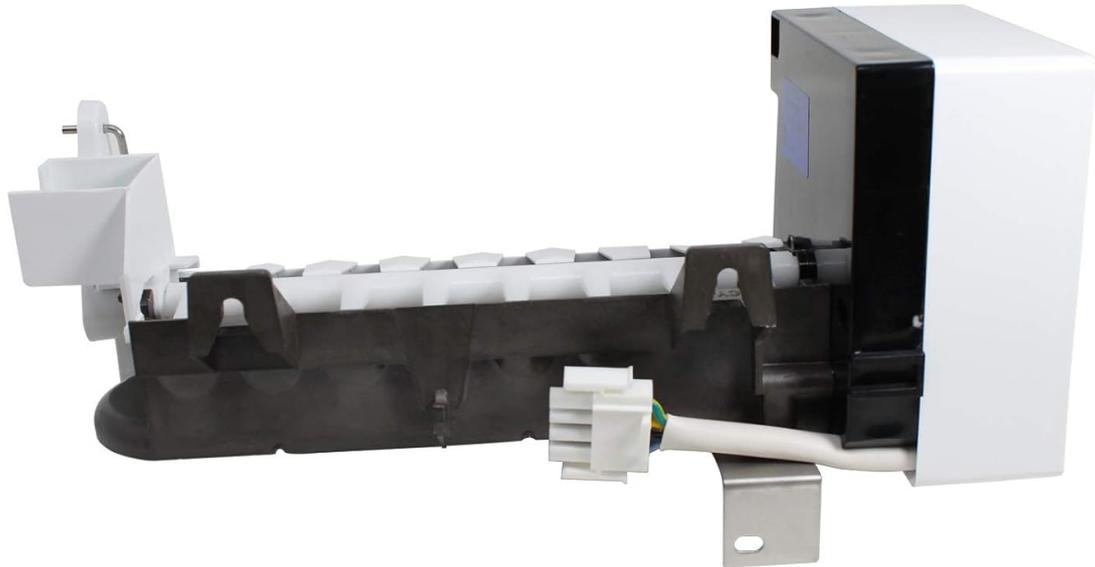


Image 4: Rear view of the ice maker, highlighting the motor housing and electrical connections.

INSTALLATION INSTRUCTIONS

These are general instructions. Specific steps may vary slightly depending on your refrigerator model. Always refer to your refrigerator's service manual if available.

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker.
2. **Access Ice Maker:** Open the freezer door and locate the existing ice maker. It is typically mounted on the left wall of the freezer compartment.
3. **Remove Old Ice Maker:**
 - Carefully disconnect the wiring harness from the old ice maker.
 - Unscrew any mounting screws holding the old ice maker in place.
 - Gently remove the old ice maker assembly.
4. **Prepare New Ice Maker:**
 - Compare the new UpStart Components ice maker with the old one.
 - Select the appropriate wiring harness adapter from the kit if your refrigerator's connector does not

directly match the new ice maker.

- Attach the necessary mounting plate or bracket to the new ice maker if required to match your refrigerator's mounting points.

5. Install New Ice Maker:

- Position the new ice maker in the freezer compartment.
- Secure it with the mounting screws. Ensure it is level and stable.
- Connect the wiring harness. Make sure it clicks securely into place.

6. **Restore Power:** Plug the refrigerator back into the electrical outlet or turn on the circuit breaker.

7. **Initial Check:** Listen for the water fill valve to activate (a buzzing sound) as the ice maker fills with water. This may take a few minutes.

Note: It may take 12-24 hours for the ice maker to produce its first batch of ice after installation. Discard the first few batches of ice to ensure cleanliness.

OPERATING INSTRUCTIONS

Once installed and powered, the ice maker operates automatically. It will fill with water, freeze the water into cubes, and then eject the cubes into the ice bin. The ice level sensor arm will detect when the bin is full and temporarily stop ice production until more ice is needed.

- **Ice Production:** Ensure the ice maker's sensor arm is in the down position to allow ice production. If the arm is held up, the ice maker will not produce ice.
- **Water Supply:** Verify that the refrigerator's water supply line is connected and the water shut-off valve is open.
- **Temperature:** The freezer temperature should be set to 0°F (-18°C) or colder for optimal ice production.

MAINTENANCE

- **Cleaning:** Periodically clean the ice bin with mild soap and water. Rinse thoroughly and dry completely before returning it to the freezer.
- **Water Filter:** If your refrigerator has a water filter, replace it according to the manufacturer's recommendations to ensure clean, fresh-tasting ice.
- **Inspection:** Occasionally inspect the ice maker for any signs of wear, leaks, or unusual noises.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No ice production	Ice maker arm is in the "off" (up) position. No water supply to the refrigerator. Freezer temperature is too warm. Clogged water filter. Power not connected.	Lower the ice maker arm. Check water line connection and shut-off valve. Set freezer to 0°F (-18°C) or colder. Replace water filter. Ensure refrigerator is plugged in and circuit breaker is on.

Problem	Possible Cause	Solution
Small or hollow ice cubes	Low water pressure. Partially clogged water filter.	Check household water pressure. Replace water filter.
Ice cubes stuck in mold	Freezer temperature too warm. Ice maker malfunction.	Ensure freezer is at optimal temperature. If problem persists, contact support.

WARRANTY AND SUPPORT

This product is an UpStart Components Brand replacement part. Any warranties for this product are offered solely by UpStart Components and are not affiliated with the original equipment manufacturers (OEMs). For warranty claims or technical support, please contact UpStart Components directly.

Please note that this product is not covered under any warranties offered by the original manufacturers of the appliances it is compatible with.