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› UpStart Components D7824706Q Refrigerator Ice Maker Replacement Manual for Amana B136CAL3 and W10190978 Compatible Models

UpStart Components AP-D7824706Q-DL3467

UpStart Components D7824706Q Refrigerator Ice Maker Replacement Manual

Model: AP-D7824706Q-DL3467

Compatible with Amana B136CAL3 (P1318401W) and W10190978 Icemaker

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your UpStart Components D7824706Q Refrigerator Ice Maker Replacement. This component is designed to replace the original ice maker in compatible Amana refrigerator models, specifically B136CAL3 (P1318401W) and those using the W10190978 icemaker.

Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and correct operation.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock

- Always disconnect power to the refrigerator before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or death.
- Wear appropriate personal protective equipment, such as gloves, to prevent injury.
- If you are unsure about any step, consult a qualified appliance technician.

CAUTION: Risk of Property Damage

- Ensure the water supply to the refrigerator is turned off before disconnecting any water lines.
- Handle the ice maker and its components carefully to avoid damage.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- D7824706Q Ice Maker Unit
- Two (2) Wiring Harnesses (various lengths for compatibility)

- Mounting Bracket
- Mounting Screw

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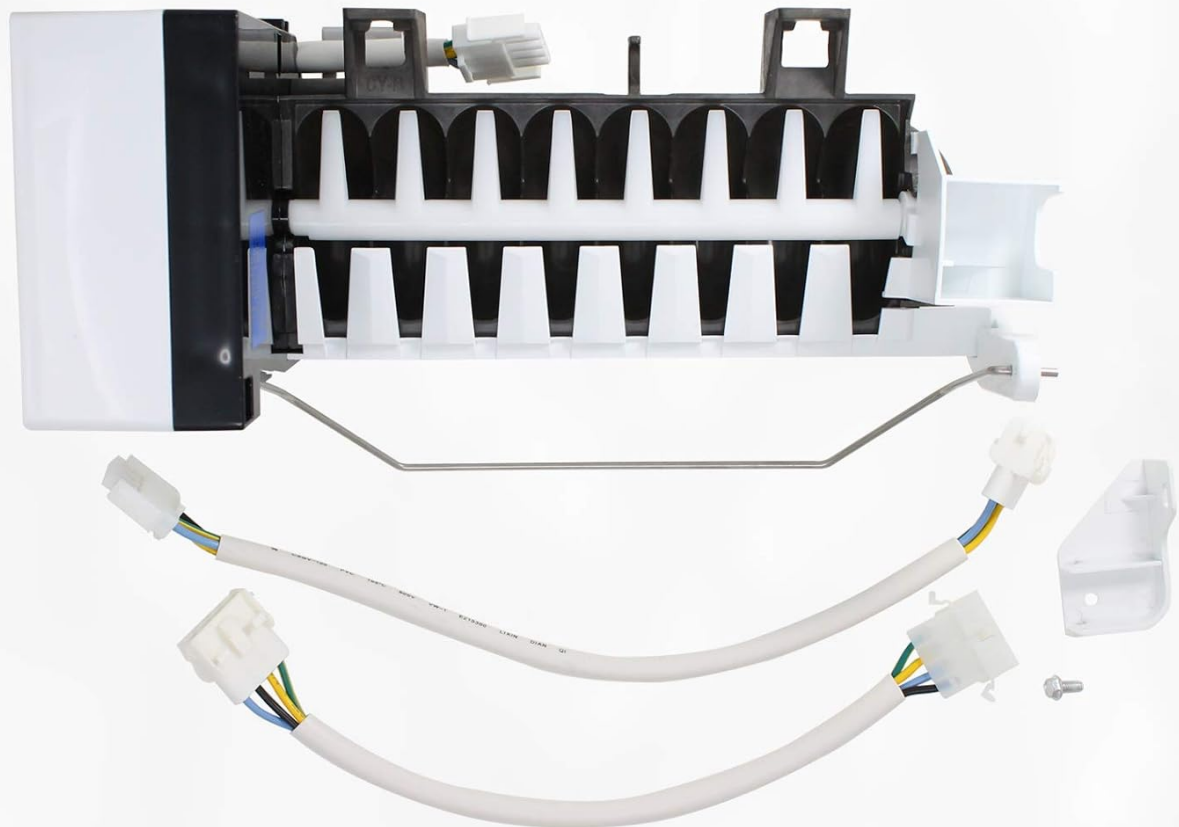


Image 3.1: Overview of the D7824706Q ice maker replacement kit, showing the main ice maker unit, two wiring harnesses, a mounting bracket, and a screw.



Image 3.2: Close-up view of the included wiring harnesses, mounting bracket, and a single screw, essential for connecting and securing the ice maker.

4. SETUP AND INSTALLATION

This section outlines the general steps for replacing a refrigerator ice maker. Specific refrigerator models may vary, so refer to your appliance's original service manual if available.

4.1. Preparation

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet or turn off the circuit breaker supplying power to the refrigerator.
2. **Turn Off Water Supply:** Locate the water shut-off valve for the refrigerator and turn it off.
3. **Access Ice Maker:** Open the freezer door and remove any ice bins or shelves that obstruct access to the existing ice maker.

4.2. Removing the Old Ice Maker

1. **Disconnect Wiring:** Carefully disconnect the electrical wiring harness from the old ice maker. There may be a locking tab that needs to be pressed.
2. **Remove Mounting Screws:** Locate and remove the screws that secure the old ice maker to the freezer wall. There are typically two or three screws.
3. **Detach Water Line (if applicable):** Some ice makers have a water fill tube directly attached. Ensure it is clear before removal.
4. **Remove Old Unit:** Carefully slide or lift the old ice maker out of its position.

4.3. Installing the New Ice Maker



Image 4.1: Side view of the D7824706Q ice maker unit, showing the ice mold and the general shape for installation.

1. **Attach Mounting Bracket:** If your old ice maker used a different mounting method, attach the provided mounting bracket to the new D7824706Q ice maker unit using the supplied screw, if necessary.
2. **Position New Unit:** Carefully align the new ice maker with the mounting holes in the freezer wall. Ensure the water fill tube is correctly positioned over the ice maker's fill cup.

3. **Secure Mounting Screws:** Insert and tighten the mounting screws to secure the new ice maker in place. Do not overtighten.
4. **Connect Wiring Harness:** Select the appropriate wiring harness from the two provided. Connect one end to the new ice maker and the other end to the refrigerator's electrical connector. Ensure a secure connection.
5. **Replace Components:** Reinstall any shelves or ice bins that were removed.

4.4. Post-Installation

1. **Restore Water Supply:** Turn on the water shut-off valve for the refrigerator. Check for any leaks around the water fill tube.
2. **Restore Power:** Plug the refrigerator back into the electrical outlet or turn on the circuit breaker.
3. **Initial Cycle:** The ice maker will typically perform an initial fill and harvest cycle within a few hours. Discard the first few batches of ice to flush the water lines.

5. OPERATING INSTRUCTIONS

Once installed and powered, the D7824706Q ice maker operates automatically to produce ice.

- **First Ice Production:** It may take 12-24 hours for the ice maker to produce its first full batch of ice after installation, as the water lines need to fill and the freezer needs to reach optimal temperature.
- **Ice Level Control:** The ice maker typically has a shut-off arm or sensor that detects when the ice bin is full, automatically pausing ice production until more ice is used. Ensure this arm/sensor is not obstructed.
- **Ice Production Rate:** The rate of ice production depends on freezer temperature, frequency of door openings, and water pressure.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your ice maker.

- **Clean Ice Bin:** Periodically empty and wash the ice bin with mild soap and water. Rinse thoroughly and dry before returning it to the freezer.
- **Check Water Filter:** If your refrigerator has a water filter, ensure it is replaced according to the manufacturer's recommendations to maintain water quality and ice maker performance.
- **Inspect Water Line:** Occasionally check the water supply line for kinks or leaks.
- **Clean Ice Maker:** If mineral deposits or mold accumulate on the ice maker components, disconnect power and gently clean with a damp cloth. Avoid harsh chemicals.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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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 shut-off arm/sensor obstructed • Faulty water inlet valve	• Ensure refrigerator is powered on • Check water supply valve and line • Lower freezer temperature to 0°F (-18°C) • Clear any obstructions from the shut-off arm/sensor • Inspect water inlet valve for proper function
Small or hollow ice cubes	• Low water pressure • Clogged water filter • Partially blocked water fill tube	• Check household water pressure • Replace water filter • Clear any blockages in the fill tube
Ice maker making unusual noises	• Normal operation sounds (filling, harvesting) • Loose components	• Listen to determine if sounds are part of normal cycle • Inspect for any loose parts and secure them
Ice cubes frozen together	• High humidity in freezer • Infrequent ice usage	• Ensure freezer door seals properly • Use ice more frequently or empty bin periodically

8. SPECIFICATIONS

- **Brand:** UpStart Components
- **Model Number:** AP-D7824706Q-DL3467
- **Part Number:** D7824706Q
- **Compatible with:** Amana B136CAL3 (P1318401W), W10190978 Icemaker, and other compatible part numbers including 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.

9. WARRANTY AND SUPPORT

This UpStart Components replacement part is covered by a warranty offered solely by UpStart Components. This product is not affiliated with any original equipment manufacturer (OEM) brands, and any warranties for this product are provided by UpStart Components directly.

For specific warranty details or technical support, please refer to the contact information provided with your purchase or visit the UpStart Components official website.

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