

- Manuals.plus /
- › UpStart Components /
 - › UpStart Components 2315539 Refrigerator Evaporator Fan Motor Replacement Manual

UpStart Components 2315539

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Model: 2315539

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the UpStart Components 2315539 Refrigerator Evaporator Fan Motor. This component is designed as a replacement part for compatible refrigerator models, ensuring proper air circulation over the evaporator coils to maintain optimal cooling performance.



Image 1: Front view of the UpStart Components 2315539 Refrigerator Evaporator Fan Motor with wiring and connector.

SAFETY INFORMATION

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

- Wear appropriate personal protective equipment, such as work gloves, to prevent injury.
- If you are unsure about any step of the installation process, consult a qualified appliance repair technician.
- Keep children and pets away from the work area during installation.

COMPATIBILITY

This replacement evaporator fan motor is compatible with various refrigerator models and part numbers. Please verify your original part number before installation to ensure correct fitment.

Compatible with:

- Whirlpool WRT311FZDT00
- WP2315539
- AP6007247
- 2315539
- W10438708
- 2219689
- 2225625
- PS11740359
- WP2315539VP

INSTALLATION INSTRUCTIONS

The following steps outline a general procedure for replacing a refrigerator evaporator fan motor. Specific refrigerator models may vary. Refer to your appliance's service manual for detailed instructions if available.

Step 1: Preparation

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker supplying power to the appliance.
2. **Empty Refrigerator:** Remove all food items from the freezer compartment and, if necessary, the fresh food compartment to allow for easier access.

Step 2: Access the Evaporator Fan Motor

1. Locate the evaporator fan motor, typically found in the freezer compartment behind a rear access panel.
2. Remove any shelves, ice maker components, or other obstructions that block access to the rear panel.
3. Using a screwdriver, remove the screws securing the rear access panel and carefully remove the panel.



Image 2: Side view of the evaporator fan motor, showing the shaft and mounting points.

Step 3: Remove the Old Motor

1. Carefully disconnect the wiring harness from the old evaporator fan motor. Note the orientation of the wires if they are not color-coded or keyed.
2. Remove the screws or clips that secure the old motor to its mounting bracket.
3. Gently remove the old motor and fan blade assembly. If the fan blade is reusable, carefully detach it from the old motor shaft.

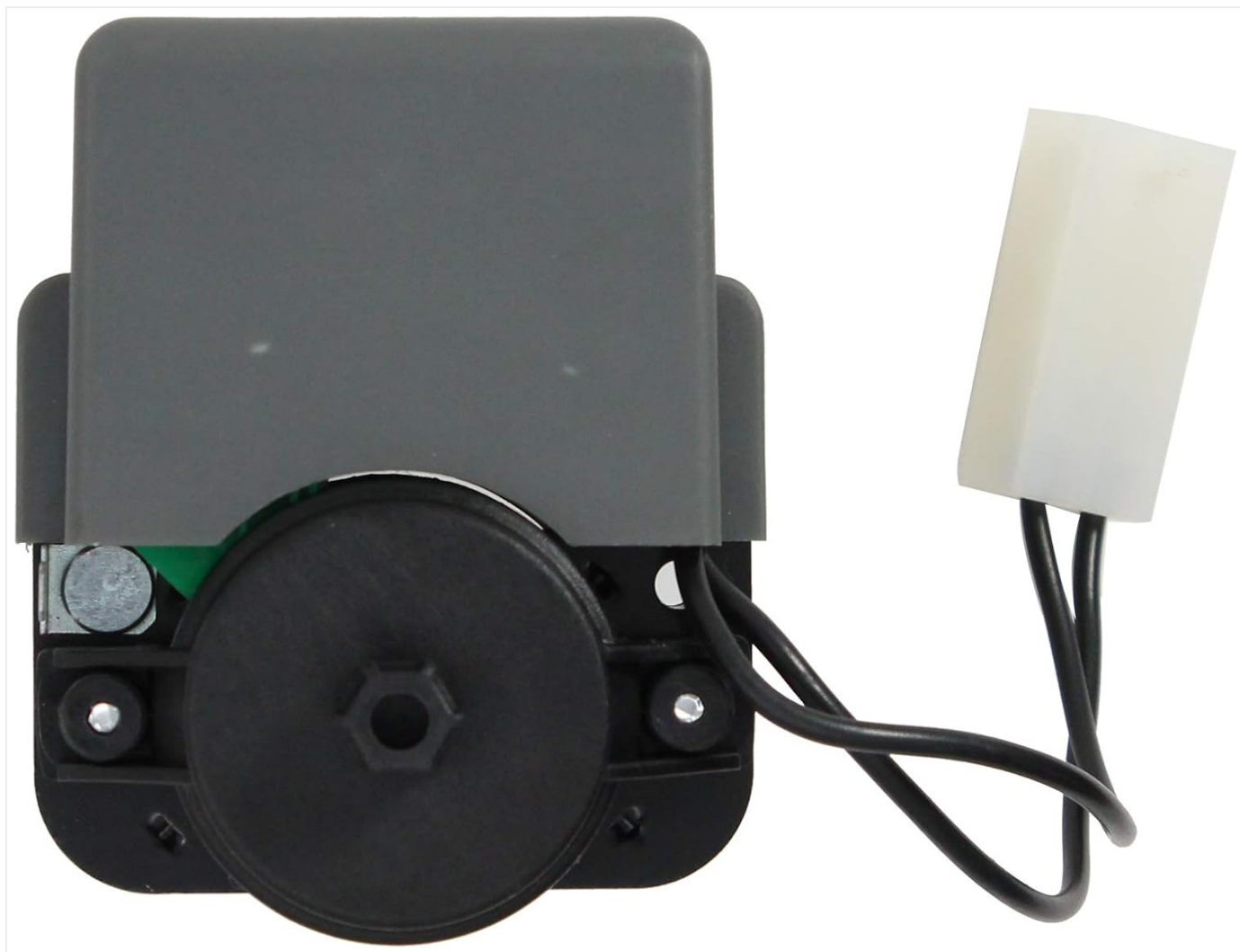


Image 3: Top view of the evaporator fan motor, highlighting the motor housing and electrical connector.

Step 4: Install the New Motor

1. If applicable, attach the fan blade to the shaft of the new UpStart Components 2315539 motor. Ensure it is securely fastened and oriented correctly.
2. Mount the new motor onto the bracket using the original screws or clips. Ensure it is firmly in place.
3. Connect the wiring harness to the new motor. Double-check that all connections are secure and correctly matched.



Image 4: Rear view of the evaporator fan motor, showing the electrical connection point.

Step 5: Reassembly and Testing

1. Replace the rear access panel and secure it with its screws.
2. Reinstall any shelves or ice maker components that were removed.
3. Restore power to the refrigerator by plugging it back in or turning on the circuit breaker.
4. Listen for the fan motor to operate. It should run smoothly without unusual noises. Allow the refrigerator to run for several hours to confirm proper cooling.

OPERATION

The evaporator fan motor is an integral part of your refrigerator's cooling system. It operates by circulating air over the evaporator coils, which remove heat from the refrigerator and freezer compartments. This cooled air is then distributed throughout the compartments to maintain desired temperatures.

The motor will typically run when the compressor is active, and may cycle on and off based on temperature demands within the appliance. Normal operation should be quiet and consistent.

MAINTENANCE

The UpStart Components 2315539 Evaporator Fan Motor is a sealed unit and generally requires no routine maintenance. To ensure its longevity and efficient operation:

- Ensure the area around the evaporator coils and fan blade remains free of ice buildup or debris.
- Periodically check that the fan blade is clean and free from obstructions.
- Avoid blocking air vents inside the refrigerator, as this can impede airflow and strain the motor.

TROUBLESHOOTING

If you experience issues after installing the new evaporator fan motor, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Fan motor not running	No power to refrigerator, loose wiring connection, faulty motor (unlikely if new)	Check power supply. Verify all wiring connections are secure. Ensure the refrigerator door switch is not preventing fan operation.
Unusual noise from fan area	Fan blade hitting ice or debris, loose mounting, faulty motor bearing	Disconnect power and inspect fan blade for obstructions or ice buildup. Ensure motor is securely mounted. If noise persists, contact a technician.
Refrigerator not cooling properly	Fan motor not circulating air, other cooling system issues	Confirm fan motor is running. Check for excessive frost buildup on evaporator coils. If fan is running and coils are clear, other components (e.g., compressor, thermostat) may be at fault.

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

SPECIFICATIONS

- **Part Number:** 2315539
- **Voltage:** 115V
- **Frequency:** 60Hz
- **Compatibility:** Direct replacement for WP2315539, AP6007247, 2315539, W10438708, 2219689, 2225625, PS11740359, WP2315539VP.
- **Brand:** UpStart Components

WARRANTY INFORMATION

This product is a replacement part manufactured by UpStart Components. Any warranties for this product are offered solely by UpStart Components and are not affiliated with the original equipment manufacturer (OEM) brands mentioned for compatibility purposes.

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact UpStart Components directly.

SUPPORT

If you encounter any difficulties during installation or operation that are not covered in this manual, or if you require further assistance, please:

- Refer to your refrigerator's original service manual.
- Contact the seller or UpStart Components for product-specific inquiries.

- Consult a qualified appliance repair professional.

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