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Frigidaire 137551110

Frigidaire 137551110 Dryer Blower Wheel and Housing Instruction Manual

Model: 137551110

INTRODUCTION

This manual provides essential information for the installation, maintenance, and troubleshooting of the Frigidaire 137551110 Dryer Blower Wheel and Housing. This component is a genuine replacement part designed to ensure the proper functioning of your dryer's ventilation system.



Image: The Frigidaire 137551110 Dryer Blower Wheel and Housing replacement part.

SAFETY INFORMATION

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

- **Disconnect Power:** Always unplug the dryer from its power source before attempting any installation, maintenance, or repair.
- **Wear Protective Gear:** Use work gloves to protect your hands from sharp edges and safety glasses to protect your eyes.
- **Professional Installation:** If you are not comfortable performing appliance repairs, it is highly recommended to seek assistance from a qualified technician.
- **Follow Manufacturer Guidelines:** Refer to your specific dryer model's service manual for detailed disassembly and reassembly instructions.

PRODUCT OVERVIEW

The Frigidaire 137551110 is a crucial component within your dryer's ventilation system. It comprises the blower wheel and its surrounding housing, which are responsible for efficiently moving heated air through the dryer drum and expelling moist air out through the exhaust vent. Proper function of this part is essential for effective and safe drying.

Key Features:

- Genuine Frigidaire Replacement Part
- Constructed for High Strength and Durability
- Made from High Quality PP Plastic
- Designed for Good Anti-Aging Performance

Compatible Brands and Part Numbers:

The Frigidaire 137551110 Housing is a direct replacement for the specified model. Similar blower wheel and housing assemblies are often compatible with various dryer brands and models. Examples of compatible brands for similar parts include Frigidaire, Kenmore, Gibson, Crosley, and White-Westinghouse. This part replaces or is compatible with various part numbers, including but not limited to: 137551110, 131775600, 316063, 131775610, AP2107606, WE14X10025, 1AP2619879, PS418726, PS266048, 823074, EA418726, AH418726.

SETUP AND INSTALLATION

Replacing the dryer blower wheel and housing typically involves disassembling the dryer cabinet. Due to the complexity, it is recommended that this procedure be performed by a qualified technician or an experienced individual following proper safety protocols.

Tools Required (Common):

- Screwdrivers (Phillips and Flathead)
- Nut Drivers (various sizes)
- Pliers
- Work Gloves
- Safety Glasses

General Installation Steps (Consult specific dryer service manual for details):

1. **Disconnect Power:** Unplug the dryer from the electrical outlet.
2. **Access Rear Panel:** Remove the rear access panel of the dryer.
3. **Locate Blower Housing:** Identify the blower housing assembly, usually located at the bottom rear of the dryer.
4. **Disconnect Components:** Carefully disconnect any attached wires, hoses, or ducts from the blower housing.
5. **Remove Old Housing:** Unscrew or unclip the old blower housing and remove it from the dryer.
6. **Install New Housing:** Position the new Frigidaire 137551110 Housing and secure it with screws or clips.
7. **Reconnect Components:** Reattach all wires, hoses, and ducts to the new housing.
8. **Reassemble Dryer:** Replace the rear access panel and any other removed dryer components.
9. **Test Functionality:** Plug the dryer back in and run a short cycle to ensure proper operation and no unusual noises.

Instructional Videos:

Dryer Blower Wheel and Housing Replacement Guide

Video: A detailed guide on replacing a dryer blower wheel and

housing assembly (part number 131775600/1316063), demonstrating the process for various compatible brands.

KUAFU Dryer Blower Wheel and Housing Overview

Video: An overview of a dryer blower wheel and housing (part number 131775600), highlighting its features and quality materials.

OPERATING PRINCIPLES

The 137551110 Blower Wheel and Housing operates as an integral part of the dryer's air circulation system. During a drying cycle, the dryer motor spins the blower wheel, which creates airflow. This airflow draws air from the heating element, through the drum where it collects moisture from clothes, and then expels the moist air out through the exhaust vent. A properly functioning blower assembly is critical for efficient drying, preventing overheating, and minimizing lint buildup within the dryer.

MAINTENANCE

Regular maintenance of your dryer can significantly extend the lifespan of its components, including the blower housing, and ensure optimal performance. While the blower housing itself does not require routine user maintenance, its function is directly impacted by the overall cleanliness of the dryer's air pathways.

- **Clean Lint Filter:** Always clean the lint filter before or after every load to maintain proper airflow.
- **Inspect Exhaust Vent:** Periodically check and clean the dryer's exhaust vent and ductwork to prevent blockages, which can strain the blower motor and lead to overheating.
- **Listen for Unusual Noises:** Pay attention to any new or unusual noises coming from the dryer, as these could indicate a problem with the blower wheel or motor.

TROUBLESHOOTING

If your dryer is not performing as expected, the blower wheel or housing might be a contributing factor. Here are common symptoms associated with a faulty blower assembly:

Common Symptoms of a Faulty Blower Housing/Wheel:

- **Excessive Noise:** A grinding, squealing, or rattling noise during operation may indicate a damaged blower wheel or an object caught within the housing.
- **Poor Drying Performance:** Clothes taking longer to dry than usual can be a sign of restricted airflow due to a damaged blower or clogged housing.
- **Dryer Overheating:** Insufficient airflow can cause the dryer to overheat, potentially triggering thermal cut-offs.
- **Excessive Lint Accumulation:** More lint than usual escaping the lint filter or accumulating in the exhaust vent can point to a problem with the blower's ability to move air effectively.

Resolution:

If these symptoms are present and other common issues (like a clogged lint filter or exhaust vent) have been ruled out, replacing the 137551110 Blower Wheel and Housing may resolve the problem. Refer to the [Installation Section](#) for guidance on replacement.

SPECIFICATIONS

Brand Name	Frigidaire
Model Info	137551110
Item Weight	2 pounds
Package Dimensions	13.7 x 11.7 x 11.3 inches
Part Number	137551110

WARRANTY AND SUPPORT

As a genuine Frigidaire replacement part, this product is subject to Frigidaire's standard warranty terms for replacement components. For specific warranty details, claims, or technical assistance, please contact Frigidaire customer support directly. It is advisable to keep your purchase receipt and the dryer's model and serial numbers handy when contacting support.

You can typically find contact information for Frigidaire customer support on their official website or within your dryer's original user manual.