

[Manuals.plus](#) /

› [Dokili](#) /

› Dokili 100-9068 Replacement Impeller Fan User Manual

## Dokili 100-9068

# Dokili

## Dokili 100-9068 Replacement Impeller Fan

USER MANUAL

### Introduction

This manual provides essential information for the installation, operation, and maintenance of your Dokili 100-9068 Replacement Impeller Fan. This impeller is designed as a direct replacement for specific Toro Electric Blower Vac models, ensuring optimal performance and extending the life of your equipment. Please read this manual thoroughly before proceeding with installation or use.

### Product Specifications

Specification	Detail
Model Number	100-9068
Replaces Part Number	Toro 98-3150
Compatible Toro Models	51552, 51573, 51591
Material	Durable Black Plastic
Product Dimensions	4.53 x 4.53 x 1.97 inches
Item Weight	4.6 ounces (0.13 Kilograms)
Manufacturer	Dokili



Image: Dokili 100-9068 Impeller Fan showing its dimensions (4.6 inches).

## Installation Guide

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The Dokili 100-9068 impeller is designed for straightforward installation. Follow these steps carefully to replace your old impeller.

### Step 1: Disconnect Power



***Dokili 100-9068 Replaces Toro  
Electric Blower Vac Impeller Fan  
98-3150***



Before beginning any work, ensure the blower vac is completely disconnected from its power source to prevent accidental startup and injury.

### Step 2: Remove Bottom Piece



***Dokili 100-9068 Replaces Toro  
Electric Blower Vac Impeller Fan  
98-3150***



Carefully remove the bottom piece or cover of the blower vac to access the impeller chamber. This may involve unscrewing fasteners.

### Step 3: Remove Nozzle



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Detach the nozzle from the blower vac. This step provides better access to the impeller and its mounting.

### Step 4: Remove Old Fan



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After unscrewing any retaining screws, carefully remove the old impeller fan from its shaft. Note its orientation for reassembly.

### Step 5: Replace with New Fan



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98-3150***



Place the new Dokili impeller fan onto the motor shaft. Ensure it seats properly and then screw on the retaining nut, tightening it securely.

### Step 6: Reassemble



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98-3150***



Reattach the nozzle and then secure the bottom cover back in place. Ensure all parts are firmly attached before reconnecting power.

**Important Note:** Some users have reported that the center hole of the new impeller may require slight filing or sanding to fit perfectly onto the motor shaft. If you encounter resistance, gently file the inner edge of the hole until it slides on without excessive force. Do not attempt to force the impeller onto the shaft, as this may cause damage.

## Operating Instructions

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Once the Dokili 100-9068 impeller is correctly installed, your electric blower vac will function as intended. The impeller is a critical component for generating the airflow necessary for both blowing and vacuuming operations. Refer to your blower vac's original user manual for specific operating procedures and safety guidelines.



Image: The Dokili 100-9068 impeller fan positioned next to a typical electric blower vac, illustrating its intended application.

## Maintenance

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Regular inspection of your impeller is crucial for maintaining the efficiency and safety of your blower vac. Over time, the impeller blades can wear down or break, especially if foreign objects are ingested. Vibrations during operation can indicate an unbalanced or damaged impeller, which can lead to further damage to the motor and pose a safety risk.

- **Regular Inspection:** Periodically check the impeller for signs of wear, cracks, or broken blades.
- **Listen for Vibrations:** If your blower vac starts vibrating excessively or making unusual noises, immediately stop operation and inspect the impeller.
- **Cleanliness:** Keep the impeller chamber free of debris, as small objects like rocks or hard mulch can severely damage the impeller blades.
- **Replacement:** Replace the impeller promptly if any damage is observed to ensure safe and effective operation.

## Troubleshooting

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Problem	Possible Cause	Solution
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New impeller does not fit onto motor shaft.	Center hole may be slightly undersized or have rough edges from manufacturing.	Carefully file or sand the inner edge of the impeller's center hole until it slides onto the shaft without excessive force. Do not force it.
Impeller blades break easily or quickly after replacement.	Ingestion of hard debris (e.g., rocks, large pieces of mulch) during operation.	Avoid vacuuming areas with hard objects. Clear the area of potential damaging debris before using the blower vac.
Excessive vibration or unusual noise after installation.	Impeller not seated correctly, damaged during installation, or unbalanced.	Disconnect power and re-inspect the impeller installation. Ensure it is fully seated and the retaining nut is tightened. Check for any visible damage to the impeller.

## Warranty and Support

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Dokili stands behind the quality of its products. For any questions regarding installation, compatibility, or product defects, please contact Dokili customer support. Refer to your purchase documentation or the Dokili brand store on Amazon for contact information and specific warranty details.

Visit the official Dokili Store for more information: [Dokili Store](#)

