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Moulinex SS-186170

Moulinex Bread Maker Main Drive Gear SS-186170 Instruction Manual

PRODUCT OVERVIEW

This document provides instructions for the Moulinex Bread Maker Main Drive Gear, model SS-186170. This component is a crucial replacement part designed to restore the proper functioning of your Moulinex bread machine's kneading mechanism.



An image showing the Moulinex Bread Maker Main Drive Gear, model SS-186170. The gear is typically made of durable plastic or metal, featuring teeth designed to mesh with other components in the bread machine's drive system. It is a circular component, often with a central shaft opening for installation.

INSTALLATION GUIDE

Replacing the main drive gear requires careful handling and basic mechanical skills. It is recommended to consult your specific bread machine's service manual for detailed disassembly and reassembly instructions. The following steps provide a general overview.

1. **Safety First:** Always unplug your Moulinex bread machine from the power outlet before attempting any repairs or maintenance.
2. **Access the Drive Mechanism:** Depending on your bread machine model, you may need to remove the bottom panel or other housing components to access the internal drive system where the gear is located. Use appropriate tools (e.g., screwdrivers) for this step.
3. **Identify the Old Gear:** Locate the worn or broken main drive gear. It is usually connected to the motor shaft and the kneading paddle shaft.
4. **Remove the Old Gear:** Carefully detach the old gear. This might involve removing retaining clips, screws, or gently prying it off the shaft. Note the orientation of the old gear for correct installation of the new one.

5. **Install the New Gear:** Position the new Moulinex Main Drive Gear (SS-186170) onto the shaft, ensuring it aligns correctly with other gears or components. Secure it in place using any removed clips or screws.
6. **Test Functionality:** Before reassembling the entire machine, manually rotate the kneading paddle shaft to ensure the new gear moves smoothly and without obstruction. You may also perform a brief power-on test (without ingredients) if safe to do so, to confirm the motor engages the gear.
7. **Reassemble the Machine:** Carefully reattach all panels and housing components that were removed during disassembly. Ensure all screws are tightened securely.

If you are unsure about any step, it is advisable to seek assistance from a qualified technician or refer to official Moulinex service documentation.

FUNCTION OF THE MAIN DRIVE GEAR

The Moulinex Main Drive Gear (SS-186170) is an integral part of your bread machine's mechanical system. Its primary function is to transmit rotational power from the electric motor to the kneading paddle shaft. This transmission of power enables the kneading paddle to rotate, mixing and kneading the dough ingredients effectively.

A properly functioning drive gear ensures smooth and consistent kneading, which is essential for achieving the desired texture and rise in your bread. If the gear is worn or damaged, the kneading process will be compromised, leading to poorly mixed dough or a complete failure of the kneading function.

CARE AND MAINTENANCE

The Moulinex Main Drive Gear is designed for durability. Regular maintenance primarily involves ensuring the surrounding area within the bread machine is clean and free from debris that could interfere with its operation.

- **Keep Clean:** Periodically inspect the area around the gear for any accumulated flour, dough residue, or other foreign particles. Use a soft brush or cloth to gently remove any buildup.
- **Avoid Overloading:** Do not overload your bread machine beyond its recommended capacity, as this can put excessive strain on the drive mechanism, including the gear, potentially leading to premature wear or damage.
- **Proper Usage:** Always ensure the kneading paddle is correctly installed before operating the machine to prevent misalignment or stress on the gear system.

No lubrication or specific servicing of the gear itself is typically required, as it is designed to be a sealed or low-maintenance component within the bread machine's drive system.

TROUBLESHOOTING COMMON ISSUES

If your bread machine is experiencing issues related to the kneading mechanism, the main drive gear could be a contributing factor. Here are some common symptoms and potential solutions:

Symptom	Possible Cause (Gear Related)	Solution
Kneading paddle not rotating	Broken or stripped main drive gear teeth.	Inspect the gear for visible damage. If damaged, replace the gear (refer to Installation Guide).

Symptom	Possible Cause (Gear Related)	Solution
Loud grinding or clicking noise during kneading	Worn, chipped, or misaligned gear teeth.	Disassemble and inspect the gear. Replace if worn or damaged. Ensure correct alignment during reassembly.
Inconsistent kneading or paddle stopping intermittently	Partially stripped gear or obstruction.	Check for debris around the gear. If clear, inspect the gear for partial damage and replace if necessary.

For issues not directly related to the gear, consult your bread machine's user manual or Moulinex customer support.

PRODUCT SPECIFICATIONS

- **Brand:** Moulinex
- **Model Number:** SS-186170
- **Product Type:** Main Drive Gear for Bread Machine
- **Approximate Item Weight:** 90 g
- **ASIN:** B01HTY000Y
- **Manufacturer:** MOULINEX
- **Date First Available on Amazon.com.be:** June 17, 2016

Note: Specifications are subject to change without notice.

WARRANTY AND CUSTOMER SUPPORT

Specific warranty information for this replacement part (Moulinex Main Drive Gear SS-186170) is not provided in the product details. For warranty inquiries or further technical assistance, please contact Moulinex customer support directly or visit the official Moulinex website.

You can find more information and contact details on the official Moulinex website: www.moulinex.com