

Moulinex Masterchef 5000, Double Force Compact, FP513, FP520, FP544, DO5141, DO5421

Moulinex Masterchef 5000 and Double Force Food Processor Gear Replacement Manual

Original Replacement Part: Purple Gear Wheel (Engrenage Axe)

1. INTRODUCTION

This manual provides essential information regarding the Moulinex original replacement purple gear wheel for Masterchef 5000 and Double Force food processors. It is intended to assist users in understanding the product, its compatibility, and general guidance for replacement. For detailed appliance-specific disassembly and reassembly instructions, please refer to your food processor's original service manual or consult a qualified technician.

2. PRODUCT OVERVIEW

This is an original Moulinex spare part: a purple gear wheel (engrenage axe transmission) designed for food processors. This component is crucial for the internal mechanics, ensuring proper power transmission within the appliance. The gear features a central shaft and teeth around its circumference for engaging with other internal components.



This image displays the purple gear wheel, an original Moulinex spare part, designed for food processors. It features a central shaft for transmission and an outer diameter of 100 mm, with teeth around the circumference.

3. COMPATIBILITY

This replacement gear wheel is compatible with various Moulinex Masterchef 5000 and Double Force food processor models, as well as certain Tefal models. To ensure compatibility, locate the identification plate on your appliance, typically found on the underside, and verify your model number against the list below. If your model is not listed, please contact customer support for assistance.

Compatible Moulinex Models:

- Masterchef 5000 Series: FP5111, FP5121, FP5125, FP512H, FP5131, FP513H, FP514H, FP515G, FP5161, FP517D, FP518G, FP519G, FP520G, FP521G, FP522H, FP523G, FP5241
- Double Force Compact Series: FP5421, FP5441, FP5468

Compatible Tefal Models:

- Masterchef 5000 Series: DO5141
- Double Force Compact Series: DO5421

4. INSTALLATION/REPLACEMENT

Replacing internal components like a gear wheel requires careful handling and adherence to safety procedures. It is recommended that this procedure be performed by individuals with technical aptitude or by a certified service technician.

1. **Safety First:** Always ensure the food processor is unplugged from the power outlet before attempting any disassembly or repair.
2. **Disassembly:** Carefully disassemble the food processor casing to access the internal gear mechanism. Refer to your specific appliance's service manual for precise instructions on how to open

the unit without causing damage.

3. **Gear Removal:** Identify the damaged gear. Note its orientation and how it connects to other components. Gently remove the old gear, taking care not to damage surrounding parts.
4. **New Gear Installation:** Position the new Moulinex purple gear wheel in the exact orientation of the removed part. Ensure it seats correctly and engages properly with adjacent gears or shafts.
5. **Reassembly:** Carefully reassemble the food processor casing, ensuring all screws and fasteners are securely tightened.
6. **Testing:** After reassembly, plug in the appliance and perform a brief test run without food to confirm proper operation and that there are no unusual noises.

Disclaimer: *Improper installation can lead to appliance malfunction or personal injury. If you are unsure about any step, seek professional assistance.*

5. CARE AND MAINTENANCE

While this gear is a durable replacement part, the overall longevity of your food processor depends on proper care and maintenance of the entire appliance.

- **Regular Cleaning:** Clean your food processor according to the manufacturer's instructions after each use.
- **Avoid Overloading:** Do not overload the food processor beyond its recommended capacity, as this can strain internal components, including gears.
- **Proper Storage:** Store the appliance in a clean, dry place.

6. TROUBLESHOOTING

If your food processor is experiencing issues after replacing the gear, consider the following:

- **Appliance Not Turning On:** Double-check all connections and ensure the appliance is properly assembled and plugged in.
- **Unusual Noises:** If you hear grinding or clicking noises, the gear may not be seated correctly, or other internal components might be misaligned. Disassemble and re-inspect.
- **Motor Runs but Blades Don't Turn:** This could indicate an issue with the gear's engagement or a problem with other transmission components.

For persistent issues, it is advisable to contact Moulinex customer support or a qualified repair service.

7. SPECIFICATIONS

- **Part Type:** Original Replacement Gear Wheel (Engrenage Axe Transmission)
- **Brand:** Moulinex
- **Color:** Purple
- **Outer Diameter:** 100 mm

8. SUPPORT

For further assistance, product inquiries, or to locate authorized service centers, please refer to the official Moulinex website or contact their customer service department. Always provide your appliance's full model number and serial number when seeking support.

You can often find your product's data on the identification plate, usually located on the underside of the appliance.