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## De'Longhi TYJ508A7

# De'Longhi Microwave Turntable Motor Instruction Manual

Model: TYJ508A7

## INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your De'Longhi Microwave Turntable Motor, model TYJ508A7. This motor is designed as a replacement part for various De'Longhi microwave ovens. Please read these instructions carefully before proceeding with installation to ensure proper function and safety.

## IMPORTANT SAFETY INFORMATION

**WARNING:** Electrical shock hazard. Always disconnect power to the microwave oven before attempting any installation or repair. Failure to do so can result in serious injury or death.

- Ensure the microwave oven is unplugged from the power outlet before beginning any work.
- If you are unsure about any step, consult a qualified technician.
- Use appropriate tools for the installation.
- Keep children and pets away from the work area.
- This motor is intended for specific De'Longhi microwave models only. Do not use it for other appliances.

## PACKAGE CONTENTS

Your package should contain the following item:

- 1 x De'Longhi Microwave Turntable Motor (Model TYJ508A7 or compatible variant)

Please inspect the motor for any visible damage upon receipt. If any damage is found, do not proceed with installation and contact customer support.

## SPECIFICATIONS



Image: De'Longhi Microwave Turntable Motor TYJ508A7. This image shows the compact design of the motor, typically found at the base of a microwave oven, responsible for rotating the glass turntable plate.

Feature	Detail
Brand	De'Longhi
Model Number	TYJ508A7
Voltage	220-240 Volts
Power	4 Watts
Current Strength	16.7 mA
Rotation Speed	4 RPM (Revolutions Per Minute)
Rotation Direction	CW / CCW (Clockwise / Counter-Clockwise)
Shaft Height	11/12 mm
Material	Plastic
Package Dimensions	8 x 7.7 x 4.9 cm
Weight	70 grams

## COMPATIBILITY

This turntable motor is compatible with various De'Longhi microwave oven models and replaces several older part numbers. Please verify your microwave model number before purchasing and installing.

### Replaces Part Numbers:

- MJ1038 (replaced by MJ1416)
- MJ1103 (replaced by MJ1416)
- MJ1174 (replaced by MJ1416)
- MJ1278 (replaced by MJ1416)

- MJ1358 (Gear Motor, replaced by MJ1416)
- MJ1462 (Guide Motor, replaced by MJ1416)

## Compatible De'Longhi Microwave Models:

- MW 455 (Electronic version, Ref: 0119315700)
- MW 450 (Mechanical version, Ref: 0119311703)
- MWJ 62 (Ref: 0119411902)
- MWJ 63 (Ref: 0119415900)
- MW 480 (Int version, IR code: 0119311705)
- MW 485 (Silver Int version, IR code: 0119315701)
- MW 380 (RU, INT version, Code: 0119306711)
- MW 480 Silver (IT version, Ref: 0119311706)
- MW 485 White (Int version, IR code: 0119315702)
- MO 223G (Ref: 0119411800)
- MW 450 Silver (Ref: 0119311707)
- MO 480S Silver (Ref: 0119311708)
- MW 785 (Ref: 0119415904)
- MW 450 GR (Ref: 0119311704)

## INSTALLATION AND SETUP

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Installing the turntable motor requires careful handling of electrical components. If you are not comfortable performing this task, please seek professional assistance.

### General Installation Steps:

1. **Disconnect Power:** Unplug the microwave oven from the wall outlet.
2. **Access the Motor:** Depending on your microwave model, you may need to remove the bottom cover or access panel to reach the turntable motor. This usually involves unscrewing a few screws.
3. **Remove Old Motor:** Carefully disconnect the electrical wires from the old motor. Note their positions for re-connection. Unscrew or unclip the old motor from its mounting bracket.
4. **Install New Motor:** Place the new motor into the mounting bracket. Ensure the shaft aligns correctly with the turntable coupling. Secure the motor with screws or clips.
5. **Connect Wiring:** Reconnect the electrical wires to the new motor. Ensure connections are secure and match the original configuration.
6. **Reassemble:** Replace the bottom cover or access panel and secure it with screws.
7. **Test:** Plug the microwave oven back into the power outlet. Place the turntable plate and ring inside. Test the turntable function by running a short cycle (e.g., 30 seconds with a cup of water). The turntable should rotate smoothly.

## OPERATION VERIFICATION

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After successful installation, verify the motor's operation:

- Place the glass turntable plate and roller ring correctly inside the microwave oven.
- Place a microwave-safe container with water on the turntable.
- Close the microwave door and set a short cooking time (e.g., 1 minute).

- Start the microwave. Observe if the turntable rotates smoothly and continuously.
- If the turntable rotates correctly, the motor is functioning as expected.

## MAINTENANCE

The De'Longhi Microwave Turntable Motor is designed for durability and typically requires minimal maintenance. However, proper care of your microwave oven can extend the life of all its components, including the motor.

- **Keep Clean:** Regularly clean the microwave interior, especially the area beneath the turntable plate and the roller ring. Food debris can obstruct the turntable's movement and put strain on the motor.
- **Avoid Overloading:** Do not place excessively heavy items on the turntable, as this can stress the motor and lead to premature wear.
- **Gentle Handling:** When removing or replacing the turntable plate and roller ring, do so gently to avoid damaging the motor shaft or coupling.

## TROUBLESHOOTING

If you encounter issues after installing the new turntable motor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Turntable does not rotate	<ul style="list-style-type: none"><li>• Motor not receiving power</li><li>• Incorrect wiring</li><li>• Turntable plate/ring obstructed</li><li>• Motor shaft not properly engaged</li></ul>	<ul style="list-style-type: none"><li>• Ensure microwave is plugged in and power is on.</li><li>• Check wiring connections for looseness or incorrect placement.</li><li>• Remove turntable plate and roller ring, clean the area, and re-seat them correctly.</li><li>• Verify the motor shaft is correctly engaged with the turntable coupling.</li></ul>
Turntable rotates intermittently or with difficulty	<ul style="list-style-type: none"><li>• Obstruction under turntable</li><li>• Damaged roller ring or turntable plate</li><li>• Motor coupling issue</li></ul>	<ul style="list-style-type: none"><li>• Clean under the turntable plate and roller ring.</li><li>• Inspect the roller ring and glass plate for chips or damage; replace if necessary.</li><li>• Ensure the motor coupling is not damaged and is properly seated.</li></ul>
Unusual noise during rotation	<ul style="list-style-type: none"><li>• Foreign object under turntable</li><li>• Motor not securely mounted</li><li>• Damaged roller ring</li></ul>	<ul style="list-style-type: none"><li>• Remove turntable and clean thoroughly.</li><li>• Check if the motor is securely fastened to its mounting bracket.</li><li>• Inspect the roller ring for damage or wear.</li></ul>

If these troubleshooting steps do not resolve the issue, it may indicate a more complex problem with the microwave oven itself. In such cases, it is recommended to contact a certified appliance repair technician.

## WARRANTY AND SUPPORT

Specific warranty details for this replacement part may vary depending on your purchase location and retailer. Please refer to your purchase receipt or contact the seller for warranty information.

For technical support or further assistance, please contact De'Longhi customer service or visit their official website. Have your microwave oven model number and the turntable motor model number (TYJ508A7) ready when contacting support.

**De'Longhi Official Website:** [www.delonghi.com](http://www.delonghi.com)