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Whirlpool W10861526

Whirlpool W10861526 Dishwasher Pump and Motor Assembly Instruction Manual

Model: W10861526

1. Product Overview

The Whirlpool W10861526 is a genuine OEM replacement pump and motor assembly for dishwashers. This component is crucial for the dishwasher's operation, as it is responsible for pumping water through the spray arms during the wash cycle. This part is designed to meet Whirlpool's engineering standards, ensuring quality and compatibility with various models.

Key features of this genuine OEM part include:

- **Genuine OEM Quality:** Designed specifically for Whirlpool appliances, ensuring proper fit and function.
- **Direct Replacement:** Replaces part number W10673257.
- **Broad Compatibility:** Compatible with multiple Whirlpool models, including KDTM404ESS, KDTM404EBS, KDTM504EPA, KDTM704ESS, and KDTM404EWH.



Image 1.1: The Whirlpool W10861526 Dishwasher Pump and Motor Assembly. This image shows the complete unit, including the pump, motor, and housing.

2. Safety Information

Before attempting any repair or installation, always prioritize safety. Failure to follow these instructions could result in electric shock, injury, or property damage.

- **Disconnect Power:** Always unplug the dishwasher or shut off the house circuit breaker for the appliance before beginning any work.
- **Turn Off Water Supply:** Ensure the water supply to your dishwasher is completely turned off.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection.
- **Professional Assistance:** If you are unsure about any step, consult a qualified appliance technician.

3. Installation Instructions

Replacing the W10861526 pump and motor assembly requires basic hand tools, some disassembly of the dishwasher, and novice repair experience. It is recommended to have the necessary tools and a clear workspace before starting.

3.1. Preparation

1. Ensure the dishwasher is disconnected from its power source and the water supply is off.
2. Clear the area around the dishwasher to allow for easy access and movement.
3. Gather necessary tools, which typically include screwdrivers, pliers, and possibly a wrench.

3.2. Removal of Old Assembly

1. Carefully access the existing pump and motor assembly. This may involve pulling the dishwasher out from its cabinet and/or removing access panels.

2. **Important:** Before disconnecting any wires or hoses, make a clear note or take photographs of where each wire and hose connects to the old assembly. This will aid in correct reassembly.
3. Disconnect all electrical connections, hoses, and mounting hardware securing the old assembly.
4. Remove the old pump and motor assembly from the dishwasher.



Image 3.1: Top-down view of the W10861526 assembly. This perspective can be helpful for identifying connection points before removal.

3.3. Installation of New Assembly

1. Position the new W10861526 pump and motor assembly into the dishwasher.
2. Secure the assembly using the appropriate mounting hardware.
3. Reconnect all hoses and electrical wires to their correct positions, referring to your notes or photographs taken during disassembly. Ensure all connections are secure and watertight.
4. Replace any access panels or components that were removed.

3.4. Post-Installation

1. Restore the water supply to the dishwasher. Check for any leaks around the newly installed assembly and hose connections.
2. Restore power to the dishwasher.
3. Run a short test cycle to ensure the dishwasher operates correctly and there are no leaks or unusual noises.

4. Maintenance

To ensure the longevity and optimal performance of your dishwasher and its new pump and motor assembly, regular maintenance is recommended.

- **Clean Regularly:** Use a dishwasher cleaner, such as Affresh® Dishwasher Cleaner (item W10282479), to help reduce limescale and mineral build-up. This build-up can affect the dishwasher's performance and potentially strain the pump and motor.
- **Inspect Hoses and Connections:** Periodically check hoses and connections for any signs of wear, cracks, or leaks.
- **Clear Debris:** Ensure the dishwasher's filter and drain area are free from food particles and debris that could obstruct the pump.

5. Troubleshooting

If your dishwasher experiences issues after installing the new pump and motor assembly, consider the following:

- **No Water Circulation:**
  - Check if all electrical connections to the pump and motor are secure.
  - Ensure the water supply valve is fully open.
  - Verify that no debris is blocking the pump impeller or spray arms.
- **Leaks:**
  - Inspect all hose connections for tightness.
  - Check gaskets and seals for proper seating.
- **Unusual Noises:**
  - Ensure no foreign objects are trapped within the pump assembly.
  - Verify the assembly is securely mounted and not vibrating against other components.

If problems persist, it is advisable to consult a qualified service technician.

6. Specifications

Attribute	Detail
Brand	Whirlpool
Model Number	W10861526
Replaces Part Number	W10673257
Item Weight	10.53 pounds

Product Dimensions	15.75 x 13.62 x 9.12 inches
Material	Cast Iron, Stainless Steel, Bronze, or Aluminum
Item Package Quantity	1
UPC	883049551050, 840383138583

7. Warranty Information

The Whirlpool W10861526 Genuine OEM Dishwasher Pump and Motor Assembly comes with a**one-year warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or further details, please contact Whirlpool customer support.

8. Support and Contact

For additional assistance, technical support, or to inquire about other genuine Whirlpool parts, please visit the official Whirlpool website or contact their customer service department.
You can find more information and products from the brand at theWhirlpool Store on Amazon.



Image 8.1: Graphic explaining OEM parts and listing associated brands like Whirlpool, Maytag, KitchenAid, and Amana, highlighting the genuine nature of the part.

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