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Whirlpool W10605060

Whirlpool Dishwasher Motor Pump Assembly User Manual

Model: W10605060

1. Product Overview

The Whirlpool W10605060 Dishwasher Motor Pump Assembly is a genuine replacement part designed for specific Whirlpool dishwasher models. This assembly is crucial for the dishwasher's operation, responsible for circulating water during the wash cycle and draining it afterwards. Replacing a faulty motor pump assembly can restore your dishwasher's proper functionality, ensuring efficient cleaning and drainage.

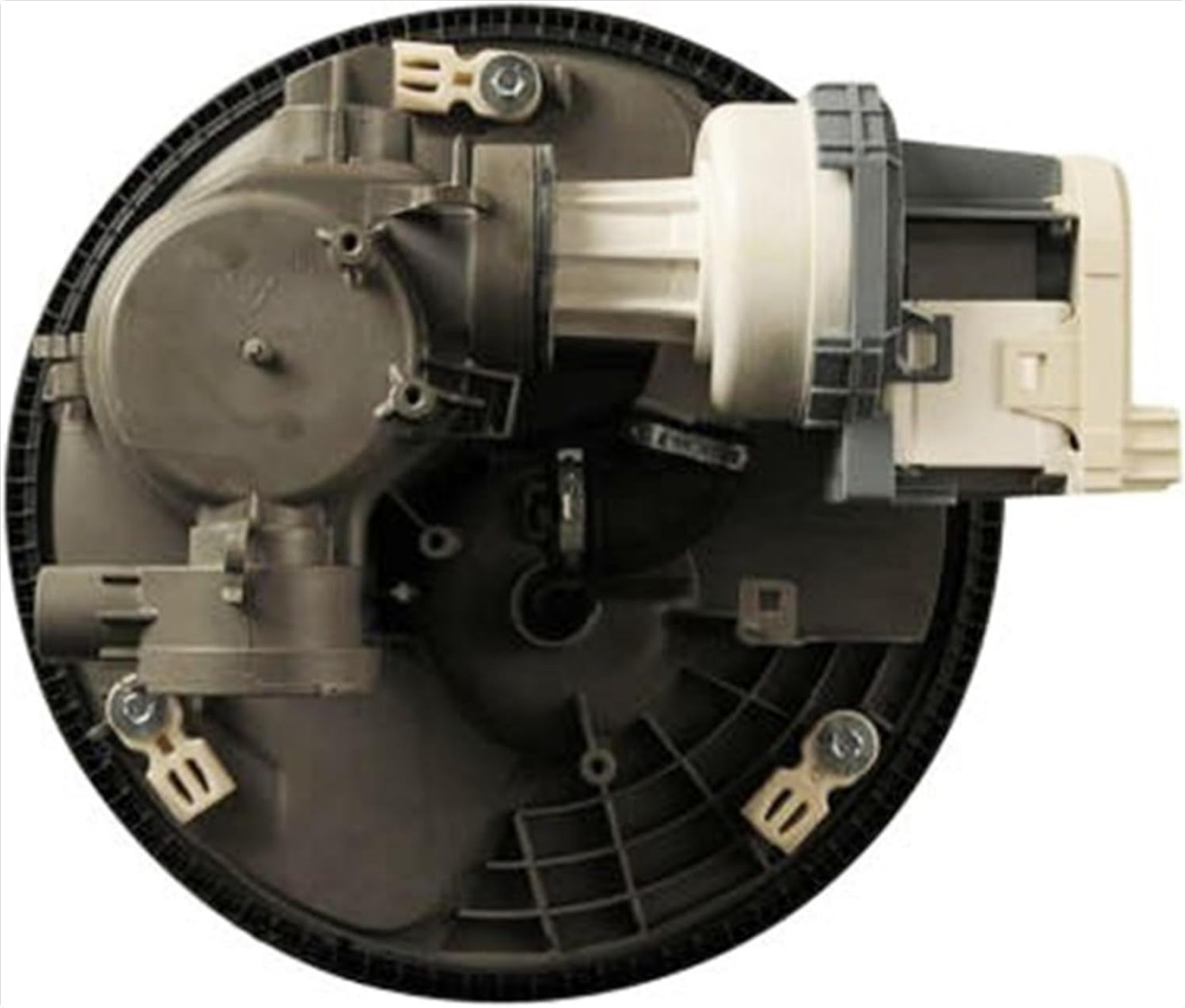


Image 1.1: The Whirlpool W10605060 Dishwasher Motor Pump Assembly. This component integrates both the wash motor and the drain pump, essential for water circulation and removal within the dishwasher.

2. Installation (Setup)

Installation of the motor pump assembly requires technical knowledge and should only be performed by qualified individuals. Always prioritize safety by following these general guidelines:

1. **Safety First:** Before beginning any repair, disconnect the dishwasher from its power source by unplugging it or turning off the circuit breaker. Turn off the water supply to the dishwasher.
2. **Access the Assembly:** Depending on your dishwasher model, you may need to pull the dishwasher out from its cabinet or access the pump from underneath. Refer to your specific dishwasher's service manual for detailed access instructions.
3. **Drain Water:** Ensure all water is drained from the dishwasher tub and pump housing. You may need to use a wet/dry vacuum or towels to remove residual water.
4. **Disconnect Components:** Carefully disconnect all electrical connectors, hoses, and mounting hardware attached to the old motor pump assembly. Note their positions for reassembly.
5. **Remove Old Assembly:** Unmount and remove the old motor pump assembly. Be prepared for potential water spills.
6. **Install New Assembly:** Position the new W10605060 assembly and secure it with the appropriate mounting hardware. Ensure all seals and gaskets are correctly seated to prevent leaks.

7. **Reconnect Components:** Reattach all hoses and electrical connectors to the new assembly. Double-check that all connections are secure and properly oriented.
8. **Test for Leaks:** Restore the water supply and power to the dishwasher. Run a short cycle (e.g., rinse cycle) and carefully inspect for any leaks around the newly installed assembly and connections.
9. **Final Placement:** Once confirmed leak-free, push the dishwasher back into its cabinet if it was moved.

For detailed, model-specific instructions, consult the service manual for your particular Whirlpool dishwasher.

3. Operating Principles

The W10605060 Motor Pump Assembly is an integral part of your dishwasher's hydraulic system. It performs two primary functions during a wash cycle:

- **Circulation (Wash Motor):** During wash and rinse cycles, the motor drives an impeller that circulates water from the bottom of the dishwasher tub through the spray arms. This high-pressure water spray is what cleans your dishes.
- **Drainage (Drain Pump):** At the end of each cycle segment (e.g., after wash, after rinse), the pump switches to drain mode, expelling dirty water from the tub through the drain hose and into your home's plumbing system.

Proper functioning of this assembly ensures effective cleaning and prevents water from stagnating in the dishwasher.

4. Maintenance

While the motor pump assembly itself is not typically user-serviceable for maintenance, its longevity can be significantly extended by proper care of the dishwasher as a whole:

- **Clean Dishwasher Filter:** Regularly clean the dishwasher's filter (usually located at the bottom of the tub). Clogged filters can restrict water flow, forcing the pump to work harder and potentially leading to premature failure.
- **Scrape Dishes:** Scrape large food particles off dishes before loading them into the dishwasher. Large debris can clog the pump impeller or drain hose, causing damage or blockages.
- **Use Appropriate Detergent:** Use only dishwasher-specific detergent in the recommended quantities. Excessive suds can interfere with pump operation.
- **Avoid Foreign Objects:** Ensure no small items (e.g., toothpicks, broken glass, small plastic pieces) fall into the bottom of the dishwasher, as these can get lodged in the pump.

5. Troubleshooting

If your dishwasher is experiencing issues related to water circulation or drainage after replacing the motor pump assembly, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Dishwasher not draining	Clogged drain hose or air gap; Kinked drain hose; Drain pump blockage (foreign object)	Check and clear drain hose/air gap; Straighten kinked hose; Inspect pump impeller for obstructions (after disconnecting power).

Symptom	Possible Cause	Solution
Noisy operation (grinding, humming)	Foreign object in pump impeller; Worn bearings (less likely with new part); Improper installation	Disconnect power and inspect pump impeller for debris; Re-check installation for proper seating and secure connections.
Water not circulating/poor wash performance	Clogged spray arms; Clogged filter; Low water pressure; Improper installation	Clean spray arm nozzles and filter; Verify water supply pressure; Re-check pump installation.
Leaks from pump area	Improperly seated seals/gaskets; Loose hose connections; Cracked housing (unlikely with new part)	Disconnect power and re-check all seals, gaskets, and hose clamps for proper seating and tightness.

If issues persist after troubleshooting, it is recommended to contact a certified appliance technician or Whirlpool customer support.

6. Specifications

Attribute	Detail
Part Number	W10605060
Manufacturer	WHIRLPOOL CORP
Brand	Whirlpool
Item Weight	50 pounds
Package Dimensions	50 x 50 x 50 inches
Item Package Quantity	1
ASIN	B00J8I4G8M
Date First Available	December 22, 2014

7. Warranty and Support

For information regarding the warranty of your Whirlpool W10605060 Dishwasher Motor Pump Assembly, please refer to the documentation provided with your purchase or visit the official Whirlpool website. Warranty terms and conditions may vary.

If you require technical assistance, have questions about installation, or need to purchase additional genuine Whirlpool parts, please contact Whirlpool Customer Support or visit their official online store:

Visit the Official Whirlpool Store

Always ensure you are using genuine Whirlpool replacement parts to maintain the performance and safety of your appliance.

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