

Fisher & Paykel 522089

Fisher & Paykel 522089 Dishwasher Motor Seal Kit Instruction Manual

Model: 522089

This manual provides essential information for the installation, operation, and maintenance of your Fisher & Paykel 522089 Dishwasher Motor Seal Kit.

1. PRODUCT OVERVIEW

The Fisher & Paykel 522089 Dishwasher Motor Seal Kit is an original equipment manufacturer (OEM) part designed to replace worn or damaged seals in your Fisher & Paykel dishwasher motor. Proper sealing is crucial for preventing leaks and ensuring the efficient operation of your appliance. This kit contains all necessary seals for a complete motor seal replacement.



Figure 1: Components of the Fisher & Paykel 522089 Dishwasher Motor Seal Kit. This image displays the complete kit, which includes several circular white and black rubber seals and O-rings of different sizes, designed for sealing the dishwasher motor.

2. SAFETY INFORMATION

Always prioritize safety when performing appliance repairs. Failure to follow these instructions could result in injury or damage to property.

- **Disconnect Power:** Before beginning any repair, ensure the dishwasher is completely disconnected from its power source. Turn off the circuit breaker supplying power to the dishwasher.
- **Disconnect Water Supply:** Turn off the water supply valves to the dishwasher to prevent leaks.
- **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.
- **Handle with Care:** Appliance components can have sharp edges. Handle parts carefully.

3. INSTALLATION (SETUP)

This section outlines the general steps for replacing the motor seals. Specific disassembly and reassembly procedures may vary by dishwasher model. Refer to your specific dishwasher's service manual for detailed instructions.

1. **Preparation:** Ensure power and water supplies are disconnected. Clear the area around the dishwasher for access.
2. **Access the Motor:** Carefully pull the dishwasher out from its cabinet. Depending on your model, you may need to tilt the dishwasher or remove the bottom access panel to reach the motor assembly.
3. **Drain Water:** If there is standing water in the dishwasher or motor area, drain it using a wet/dry vacuum or towels.
4. **Disconnect Motor:** Disconnect any electrical wiring and hoses attached to the motor. Note their positions for reassembly.
5. **Remove Old Seals:** Carefully remove the old, worn seals from the motor housing and pump assembly. Inspect the area for any debris or corrosion and clean thoroughly.
6. **Install New Seals:** Lubricate the new seals from the kit with a small amount of dish soap or silicone grease (if recommended by the manufacturer) to aid in installation. Carefully seat the new seals into their respective grooves on the motor and pump components. Ensure they are not twisted or pinched.
7. **Reassemble Motor:** Reattach the motor to the pump assembly, ensuring all connections are secure and properly aligned.
8. **Reconnect Components:** Reconnect all electrical wiring and hoses to the motor, referring to your notes or photos taken during disassembly.
9. **Secure Dishwasher:** Reinstall any access panels and carefully slide the dishwasher back into its cabinet.

4. POST-INSTALLATION CHECKS (OPERATING)

After installing the new motor seal kit, perform the following checks before resuming normal operation:

1. **Restore Water Supply:** Slowly turn on the water supply valves to the dishwasher. Check for any immediate leaks around the motor and hose connections.
2. **Restore Power:** Turn on the circuit breaker to restore power to the dishwasher.

- 3. **Run a Test Cycle:** Start a short wash cycle (e.g., rinse cycle) and carefully monitor the dishwasher for any leaks, unusual noises, or operational issues. Pay close attention to the area around the motor.
- 4. **Final Inspection:** After the test cycle, inspect the area beneath and around the dishwasher for any signs of water. If leaks are detected, immediately disconnect power and water, and re-examine the seal installation.

5. MAINTENANCE

Proper maintenance helps extend the life of your dishwasher components, including the motor seals.

- **Regular Cleaning:** Keep the dishwasher interior clean to prevent debris from accumulating and potentially affecting pump or motor function.
- **Inspect for Leaks:** Periodically check under the dishwasher for any signs of water leaks, which could indicate a failing seal.
- **Avoid Harsh Chemicals:** Use only dishwasher-safe detergents and rinse aids. Harsh chemicals can degrade rubber and plastic components over time.
- **Proper Loading:** Ensure dishes are loaded correctly to avoid obstructing spray arms or causing excessive vibration, which can stress motor components.

6. TROUBLESHOOTING

If you encounter issues after replacing the motor seals, consider the following:

Problem	Possible Cause	Solution
Water Leakage	Seal improperly seated or twisted during installation.	Disconnect power and water. Re-access the motor and inspect all seals for proper seating. Reinstall if necessary.
Unusual Noise from Motor	Debris caught in the motor/pump assembly; motor not properly reassembled.	Disconnect power. Inspect the motor and pump for foreign objects. Ensure all motor components are securely fastened.
Dishwasher Not Draining	Pump obstruction or motor issue (less likely if only seals were replaced).	Check drain hose for kinks or clogs. Inspect pump impeller for obstructions. If the issue persists, further motor diagnostics may be needed.

If troubleshooting steps do not resolve the issue, contact Fisher & Paykel customer support or a certified technician.

7. SPECIFICATIONS

Attribute	Detail
Brand Name	Fisher & Paykel
Part Number	522089
Item Weight	1 pounds

Attribute	Detail
Package Dimensions	4 x 3 x 1 inches
Batteries Required?	No
ASIN	B074RC7HCJ

8. WARRANTY INFORMATION

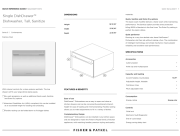
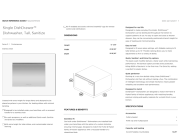

Warranty coverage for the Fisher & Paykel 522089 Dishwasher Motor Seal Kit is provided by the manufacturer. For specific details regarding your product's warranty period, terms, and conditions, please refer to the documentation included with your purchase or visit the official Fisher & Paykel website. Keep your proof of purchase for warranty claims.

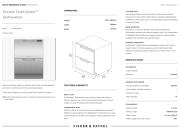
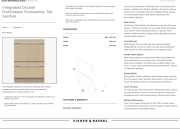
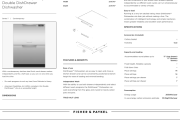
9. SUPPORT

For further assistance, technical support, or to purchase additional parts, please contact Fisher & Paykel customer service:

- **Online:** Visit the official Fisher & Paykel website for support resources, FAQs, and contact information.
- **Phone:** Refer to your appliance's main user manual or the Fisher & Paykel website for regional customer service phone numbers.
- **Authorized Service:** For complex issues, consider contacting an authorized Fisher & Paykel service technician.

Related Documents - 522089

	Fisher & Paykel DD24SDFTX9 Single DishDrawer Dishwasher: Quick Specs & Features Comprehensive guide to the Fisher & Paykel DD24SDFTX9 Single DishDrawer Dishwasher, detailing its contemporary design, ease of use, sanitization features, quiet operation, and full specifications.
	Fisher & Paykel Single DishDrawer Dishwasher DD24ST4NX9 - Quick Reference Guide Detailed quick reference guide for the Fisher & Paykel Single DishDrawer™ Dishwasher, Tall, Sanitize (DD24ST4NX9). Covers dimensions, features, wash programs, specifications, and customer support information.
	Fisher & Paykel 30" Series 9 Professional Vacuum Seal Drawer - Quick Reference Guide Explore the features, specifications, and dimensions of the Fisher & Paykel 30" Series 9 Professional Vacuum Seal Drawer. Learn about its complementary design, vacuum sealing benefits, and ease of use for sous vide cooking and food preservation.

	<p>Fisher & Paykel Double DishDrawer Dishwasher DD60DAX9 Quick Reference Guide</p> <p>Quick reference guide for the Fisher & Paykel Double DishDrawer™ Dishwasher (Model DD60DAX9), detailing dimensions, features, specifications, controls, and wash programs. Includes support information.</p>
	<p>Fisher & Paykel Integrated Double DishDrawer Dishwasher DD60DTX611 - Quick Reference Guide</p> <p>Quick reference guide for the Fisher & Paykel Integrated Double DishDrawer Dishwasher (Model DD60DTX611). Features include seamless integration, flexible wash options, sanitise function, and smart connectivity. Specifications, dimensions, and performance details.</p>
	<p>Fisher & Paykel Series 7 Contemporary Double DishDrawer Dishwasher Quick Reference Guide</p> <p>A quick reference guide for the Fisher & Paykel Series 7 Contemporary Double DishDrawer Dishwasher, detailing features, benefits, specifications, dimensions, and performance metrics.</p>