

Champion 114203

Champion - Moyer Diebe 114203 Peristaltic Head Pump Assembly

User Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Champion - Moyer Diebe 114203 Peristaltic Head Pump Assembly. This component is a genuine OEM replacement part designed for use in Champion - Moyer Diebe commercial dishwashing machines. Adhering to these instructions will help ensure the safety, reliability, and optimal performance of your equipment.

2. SAFETY INFORMATION

WARNING: Always disconnect power to the dishwashing machine before attempting any installation, maintenance, or repair procedures. Failure to do so can result in serious injury or death.

- Only qualified personnel should perform installation and service.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation and maintenance.
- Ensure all connections are secure and properly sealed to prevent leaks.
- Refer to the main dishwashing machine's instruction manual for additional safety guidelines.

3. PRODUCT OVERVIEW

The 114203 Peristaltic Head Pump Assembly is a critical component in Champion - Moyer Diebe commercial dishwashing machines, responsible for accurately dispensing detergents or rinse aids. This genuine OEM replacement part ensures compatibility and maintains the performance standards of your machine.



Image: Champion - Moyer Diebe 114203 Peristaltic Head Pump Assembly. This image displays the complete peristaltic head pump assembly, highlighting its compact design and connection points.

Key Features:

- Genuine OEM replacement part for Champion - Moyer Diebe commercial dishwashing machines.
- Designed for safety, reliability, and performance.
- Compact dimensions: approximately 7.0" L x 5.0" W x 4.0" H.

4. INSTALLATION INSTRUCTIONS

Proper installation is crucial for the correct function of the peristaltic head pump assembly. It is recommended that installation be performed by a qualified service technician.

1. **Power Disconnection:** Ensure the main power supply to the commercial dishwashing machine is completely disconnected and locked out.
2. **Access:** Open the machine's access panel to locate the existing peristaltic pump assembly.
3. **Disconnect:** Carefully disconnect any tubing, wiring, or mounting hardware attached to the old pump assembly. Note the orientation and connection points for reassembly.
4. **Remove Old Assembly:** Unmount and remove the old peristaltic pump assembly.
5. **Install New Assembly:** Position the new Champion - Moyer Diebe 114203 Peristaltic Head Pump Assembly in the correct location. Secure it using the appropriate mounting hardware.
6. **Reconnect:** Reconnect all tubing and wiring to the new assembly, ensuring all connections are tight and correctly routed. Refer to the main machine's wiring diagram if necessary.

7. **Verify:** Double-check all connections and mounting for security and proper alignment.
8. **Close Access:** Close and secure the machine's access panel.
9. **Test:** Restore power to the machine and perform a test cycle to ensure the new pump assembly is functioning correctly and there are no leaks.

5. OPERATION

The 114203 Peristaltic Head Pump Assembly operates as an integral part of your commercial dishwashing machine's chemical dispensing system. Once installed, its operation is controlled by the main machine's programming. It draws and dispenses precise amounts of chemical solutions (e.g., detergent, rinse aid) into the wash or rinse cycles as required by the machine's settings. No direct user interaction with the pump assembly itself is typically needed during normal operation.

6. MAINTENANCE

Regular maintenance helps extend the life of the peristaltic head pump assembly and ensures consistent performance.

- **Routine Inspection:** Periodically inspect the pump assembly and its tubing for any signs of wear, cracks, leaks, or blockages.
- **Tubing Replacement:** The peristaltic tubing within the pump head is a wear item. Replace it according to the dishwashing machine manufacturer's recommendations or if signs of wear are observed.
- **Cleaning:** Keep the exterior of the pump assembly clean and free from chemical residue buildup. Use a damp cloth and mild detergent if necessary.
- **Chemical Compatibility:** Ensure that only chemicals compatible with the pump's materials are used. Incompatible chemicals can degrade the tubing and seals.

7. TROUBLESHOOTING

If you experience issues with chemical dispensing, consider the following troubleshooting steps:

- **No Chemical Dispensing:**
 - Check if the chemical container is empty.
 - Inspect the chemical intake line for kinks, blockages, or air leaks.
 - Verify that the pump's power connection is secure.
 - Ensure the main dishwashing machine's control panel is correctly programmed for chemical dispensing.
- **Inconsistent Dispensing:**
 - Examine the peristaltic tubing for wear or damage; replace if necessary.
 - Check for air bubbles in the chemical lines.
- **Leaks:**
 - Inspect all tubing connections for tightness.
 - Check the peristaltic tubing for punctures or tears.

If these steps do not resolve the issue, consult the main dishwashing machine's service manual or contact a qualified service technician.

8. TECHNICAL SPECIFICATIONS

Specification	Detail
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Specification	Detail
Manufacturer	Champion - Moyer Diebe
Part Number	114203
Item Model Number	114203
Item Weight	0.8 ounces
Product Dimensions	7 x 5 x 4 inches
Item Package Quantity	1
Batteries Required?	No
ASIN	B00MPR0VVY
Date First Available	August 14, 2014

9. WARRANTY AND SUPPORT

This Champion - Moyer Diebe 114203 Peristaltic Head Pump Assembly is a genuine OEM part. For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your original commercial dishwashing machine or contact Champion - Moyer Diebe customer support directly. For technical assistance or to purchase additional genuine replacement parts, please contact your authorized Champion - Moyer Diebe dealer or service provider.

