

## WASH MOTOR REPLACEMENT



**CAUTION!** *Many of the instructions and steps within this document require the use of tools. Only authorized personnel should ever perform any maintenance procedure on the machine!*

*These machines come equipped with wash pumps with powerful motors to ensure proper warewashing results. Occasionally, these components might need replacing. The instructions provided here are for maintenance personnel only. Unauthorized persons should not attempt any of the steps contained in these instructions.*

### PREPARATION

- Power must be secured to the machine at the service breaker. Tag or lock-out the service breaker to prevent accidental or unauthorized energizing of the machine.



- Ensure that incoming water to the machine is secured either by use of a shut-off valve or disconnecting the incoming water line.
- The machine must be drained completely with the drain stopper removed.

### TOOLS REQUIRED

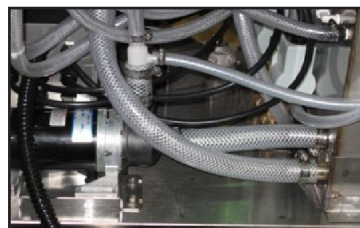
- 3/8" Nutdriver
- 7/16" Nutdriver
- 7/16" Wrench
- Needle-nose Pliers
- Phillips Screwdriver

### IMPORTANT NOTES

- Read these instructions thoroughly before attempting this maintenance task. Become familiar with the parts and what actions need to be taken. This will save time in the long run!

### STEPS

1. To access the assembly, you need to get access to the rear of the machine. This might require that water, drain, and power lines be disconnected so that the machine can be moved for access.



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- Using the 5/16" nutdriver, loosen the clamps on the suction hose.



- Using the same nutdriver, loosen the discharge hose where it connects to the tub weldment.



- Pull the discharge hose out and away from the tub.



- Remove the motor assembly mounting nuts using the 7/16" combination wrench.



- With the nuts removed, grasp the motor assembly and lift up on it to clear the mounting studs.



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7. Turn the motor so that you will have access to the wiring cover on the back. Be careful not to pull or yank too hard as the motor is still connected to the machine by way of the power lines.
8. Take the needle-nose pliers and remove the power wires from the terminals within the motor.
9. The motor should now be free. Replace with a new new motor by performing the removal steps in reverse.
10. Place the discharge hose assembly back on the discharge of the pump and tighten-down.
11. Lift the assembly into place within the machine, ensuring that the suction hose is attached and lines up. Move the assembly so the mounting bracket slides over the mounting studs. Position the assembly so that the suction hose is not kinked.
12. Replace and tighten-down the nuts securing the bracket to the frame.
13. Tighten the clamps for the suction hose.
14. Connect the discharge hose to the tub and tighten-down the hose clamp.

#### AFTER MAINTENANCE ACTIONS

Verify the operation of the new wash motor and pump assembly by running the machine for approximately 15 minutes. Check for leaks and correct as necessary.



**NOTICE** *Work performed on machines by unauthorized or unqualified personnel may void the warranty. Before beginning this or any other maintenance on a machine under warranty, you should contact a qualified service agency.*