



**R24/R30 Glasswasher
Maintenance Instructions**

Heater Replacement

Jackson glasswasher machines come equipped with heaters to ensure proper ware washing results. Occasionally, some of these components may need replacing to maintain optimum performance.

Jackson offers all of the repair parts necessary for performing this task.

The instructions provided here are for maintenance personnel only. Unauthorized persons should not attempt any of the steps contained in these instructions.

Warning: 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 dishmachine!

PREPARATION

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

2. Ensure that incoming water to the machine is secured either by use of a shut-off valve or disconnecting the incoming water line.

3. The unit must be drained completely with the drain stopper removed.

TOOLS REQUIRED

The following tools will be needed to perform this maintenance evolution:

1. 3/8" Nutdriver
2. Ratchet
3. 1/2" Socket
4. 3/8" Socket
5. Torque Wrench
6. Amp Meter

TIME REQUIRED

It is estimated that it will take (1) person thirty minutes to perform this task, not including all of the items indicated in the section entitled "PREPARATION".

IMPORTANT NOTES

1. 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. Remove the front door.

2. Remove the heater box cover with the 3/8" nutdriver to expose the heater. Set the cover and hardware to the side.



Removing the heater cover.

3. Remove the lower strainer.



Removing the lower strainer.

4. Remove the upper (wash) strainer as well. Set both strainers to the side where they will not be damaged or present a trip hazard.



Removing upper (wash) strainer.



Reaching into the wash tank.

5. Using the 3/8" nutdriver, remove the nuts securing the heater wires to the heater. Then carefully pull the wires out of the way.

7. Removing the heater may require that you reach into the wash tank, grasp it and try give it a push out of the wash tank.



Removing the heater nuts.

8. Once the heater is pushed away from the tank wall, pull it out with your hands.



Pulling the heater out.



Using the ratchet to remove the heater mounting nuts.

6. Next, use the ratchet and 1/2" socket to remove the heater mounting nuts.



Removing the heater gasket

9. Remove the old heater gasket and throw away.
10. Apply the new heater gasket.
11. Take the new heater and slide it through the hole in the wash tank and line it up so the wash tank studs fit in the holes on the heater flange.
12. Place the mounting nuts and lockwashers on the studs and secure them with the ratchet and 1/2" socket.
13. Place the heater wires on the heater and tighten them down using the 3/8" nutdriver.
14. Using the torque wrench or a torque nutdriver (if available) torque the nuts holding the wires, jumpers and bus bars to 16 in-lbs.
15. Ensuring that all non-essential personnel are clear of the area, place the drain stopper back in the wash tank and restore power and water to the unit. Turn the unit on and allow it to fill normally.
18. Verify that there are no leaks around the heater. If there are, attempt to tighten it down (with power secured to the unit at the service breaker to prevent injury) as the tank will change shape slightly as it heats up.
19. Use the amp meter to take readings off of the power lines to the heater, verifying the amperage draw to the machine data plate.
20. Wait until the heater contactor kicks out (meaning that the tub has reached the appropriate temperature) and allow the machine to operate approximately ten minutes to verify that there are no leaks and that the heater is maintaining the tank temperature.
21. Replace the heater cover.
23. Replace the front door.

AFTER MAINTENANCE ACTIONS

Service personnel may want to drain the machine and allow it to cool down. Secure power to the unit at the service breaker and then verify the torque of all fasteners covered in this instruction.

SPECIAL NOTES

Work performed on Jackson dishmachines by unauthorized or unqualified personnel may void the warranty. Before beginning this or any other maintenance evolution on a unit under warranty, you should contact a certified Jackson technician or Jackson Technical Service. You can find a list of qualified service agencies in the back of your unit's installation manual.

SPECIAL PARTS

Heater Replacement Kit: 6401-003-12-23*

*The kit contains a heater, gasket, mounting hardware for the heater and instructions.

CONTACT INFORMATION

Jackson MSC Inc. provides technical support for all of the dishmachines detailed in this manual. We strongly recommend that you refer to this manual before making a call to our technical support staff. Please have this manual with you when you call so that our staff can refer you, if necessary, to the proper page. Technical support is available from 8:00 a.m. to 5:00 p.m. (EST), Monday through Friday. Technical support is not available on holidays. Contact technical support toll free at 1-888-800-5672. Please remember that technical support is available for service personnel only.

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