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Technical Field Information

Mixer Bowl Guard Assembly Cleaning - 30 Quart

This document is a supplement to the Operator's manual. It explains how to remove, inspect, clean and properly re-install the bowl guard assembly.

Tools you will need:

- Screw driver or Allen wrench (depending on mixer)
- Clean cloth or brush
- Warm, soapy water

REMOVE THE BOWL GUARD ASSEMBLY

1. Turn off and disconnect the mixer from the power source.
2. Lower the bowl and remove the bowl.



3. Remove any attachments installed on the mixer.



4. Remove the two mounting screws, one on each side of the bowl guard assembly.

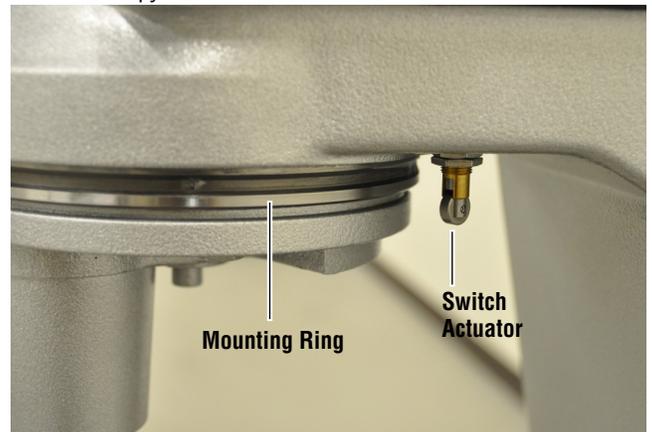


5. Remove the bowl guard assembly by pulling it straight down.



INSPECT AND CLEAN

1. Inspect the mounting ring and safety switch actuator for accumulated food residue. Food residue may affect the operation of the safety switch. Clean the components with a soft cloth or brush and warm soapy water if needed.



2. Press and release the switch actuator several times. Listen for clicks to verify the switch is actuating. If you do not hear the clicks, the switch may have a mechanical issue. Contact Vollrath technical services.

3. Inspect the bowl guard assembly and detent for dirt or food residue. Clean with a soft cloth and warm soapy water if needed.



4. Rotate the bowl guard to verify it freely moves in the splash guard.
5. If the bowl guard does not rotate freely, remove the six screws securing the bowl guard retaining ring. Remove and clean the retaining ring. Thoroughly dry the parts before reassembling.



3. Re-install the two screws that secure the bowl guard assembly to the mounting ring. Partially tighten the screws.
4. Gently pull up and slightly rotate the bowl guard assembly until it is seated against the lip of the mounting ring with no gap at the top.



Gap - Incorrect

No Gap - Correct

5. Tighten the screws.
6. Verify the detent actuates the safety switch by opening the bowl guard and then fully closing it. Listen for the safety switch to click when it actuates. If you do not hear a click, the bowl guard assembly is not correctly installed on the mounting rim or not aligned with the actuator. Check the installation and alignment.



RE-INSTALL THE BOWL GUARD ASSEMBLY

1. Place the bowl guard assembly under the mixer.
2. Line up the detent hole with the switch actuator.



TEST THE SAFETY SWITCH

The mixer has a safety switch that prevents the shaft from rotating when the bowl guard is open. The following steps confirm the switch is operating correctly.

1. Attach the bowl to the mixer.
2. Raise the bowl.
3. Close the bowl guard.
4. Reconnect power to the mixer.
5. Reset the emergency stop.
6. Put the mixer in gear.
7. Press the ON button. The shaft should start to rotate. If the shaft does not rotate, test and verify that: the bowl guard is completely closed, the mixer is in gear and the bowl is lifted. Contact Vollrath technical services if the mixer still will not start.
8. With the mixer turning, open the bowl guard. This should cause the shaft to stop rotating. Contact Vollrath Technical Services if the shaft does not stop.



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www.vollrath.com

The Vollrath Company, L.L.C.

1236 North 18th Street
Sheboygan, WI 53081-3201 U.S.A.
Main Tel: 800.624.2051 or 920.457.4851
Main Fax: 800.752.5620 or 920.459.6573
Customer Service: 800.628.0830
Canada Customer Service: 800.695.8560

Technical Services

techservicereps@vollrathco.com
Induction Products: 800.825.6036
Countertop Warming Products: 800.354.1970
All Other Products: 800.628.0832