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Technical Field Information

Mixer Bowl Guard Assembly Cleaning - 40 and 60 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 and remove the bowl.



3. Remove any attachments installed on the mixer.



4. Loosen the mounting screw on the back of the bowl guard assembly.



5. Support the bowl guard assembly with one hand.
6. With the bowl guard supported, loosen the two mounting screws, one on each side of the bowl guard assembly.

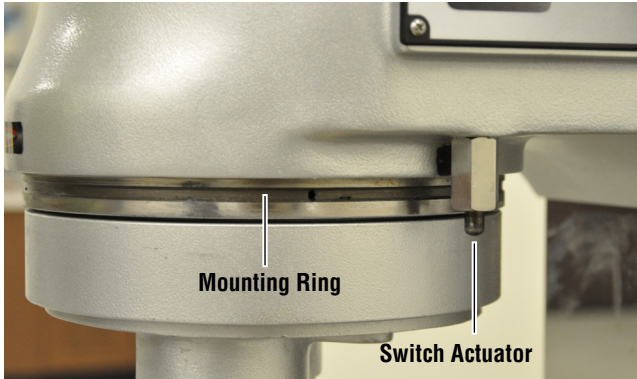


7. Remove the bowl guard assembly by pulling it straight down.



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 detent for dirt or food residue. Clean with a soft cloth and warm soapy water if needed.



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

RE-INSTALL THE BOWL GUARD ASSEMBLY

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



3. Partially tighten the two side screws that secure the assembly to the mounting ring.
4. Partially tighten the screw on the back of the of the bowl guard assembly.
5. 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

6. Tighten all the screws.
7. 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 installed correctly on the mounting rim or not aligned with the actuator. Recheck the installation and alignment.



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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