

# HOPPER LID LATCH PU-103-50 INSTALLATION INSTRUCTIONS

Replaces MPNs: PU-103-50, VP00499

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## Before Installing

- **ALWAYS** unplug the unit before beginning any work
  - Allow the unit to cool completely if recently used
  - Work in a well-lit area with proper tools
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## Installation Steps

### 1. Disconnect Power

- Ensure the unit is completely cooled down and drained of power.
- Unplug the stove from the powersource.

### 2. Access the Unit

- Locate the hopper lid latches on your stove. The latches are what lock the hopper lid in place when closed and are operated from the top of the stove
- Carefully remove the wiring access panel on the unit by removing the screws and setting them aside to access the bottom of the latch where the nuts and pawl are located.

### 3. Remove the Lid Latch

- Open the hopper lid and then lock the latch in its closed position.
- From the underside of the latch inside the rear of the stove, loosen the jam nut closer to the tip of the threaded shaft to loosen and remove the pawl and retaining clip.
- Remove the lockwasher (the nut closest to the latch)
- Remove the mounting nut from the latch to free the latch.

- Lift the old lid latch from the mounting location on the stove.

#### **4. Install the Lid Latch**

- On the new lid latch, remove the mounting nut, jam nut, pawl, pawl retainer, and lock washer from the assembly. Ensure to keep these parts in the correct order as they are removed and set them aside.
  - DO NOT turn or adjust the other nut touching the body of the latch, this nut is factory set and is needed to operate the latch.
- Insert the new latch into the mounting hole in the stove. Ensure the latch is oriented in the same position as the original latch.
- Secure the latch to the stove frame with the mounting nut removed prior.
- Install the lockwasher, the pawl, the pawl retainer, and then the jam nut to the latch so it sits tight to the lock nut. Ensure the pawl is positioned in the same orientation as the old latch.
- Proceed to adjust the latch to the appropriate tightness for the hopper:
  - Ensure the hopper lid is open and the latch is locked in its closed position.
  - Take the ½" wrench and loosen the nut closest to the latch. This is to adjust it so it moves closer to the lid itself to tighten the latch as needed.
  - After tightening the latches, test the latches for proper tension by closing the lid, locking the lid down and lifting each front corner of the lid. The lid should be firmly held down by the latches.
  - Repeat the same procedure if the latch is still not tight enough. The hopper lid should be seated firmly against the gasket with no detectable movement up or down. Check by pushing down and pulling up on the lid.

#### **5. Final Assembly**

- Replace the wiring access panel and secure it with the screws removed in Step 2.
- Plug the stove's power cord into the power source.
- Your new hopper lid latches are installed and ready to use.

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## **Post-Installation Check**

- Verify all mounting connections are secure
- Test latch operation before closing panels
- Ensure the hopper lid is seated firmly against the gasket, this will indicate the latches were installed correctly.

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## **Support**

If you encounter any issues during installation, consult your owner's manual or contact technical support via our contact form.