

# DOOR LATCH KIT 93-73701

## INSTALLATION INSTRUCTIONS

Replaces MPNs: 90-73701

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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

- Open the front door to the unit. The latch will be fastened to the frame of the door.
- For easier handling of the assembly, remove the door from the stove by lifting the opened door straight up and off the stove's door hinges. Ensure tool to retain the hinge pins and hinge washers for the reinstallation of the door. Once removed, lay the door assembly down onto a flat, protected surface, like a table or workbench.

#### 3. Remove Old Door Latch

- Prior to disassembly, take clear photos of the orientation of the latch for reference. The new latch will need to be oriented in the same position as this old latch once installed and use the same number of brass spacer washers.

- Remove the catch and catch spacer from the firebox opening of the stove stove. This can be done by removing the phillips head screws holding it in place.
- Remove the bolt and wooden handle from the crank with a flat tip screwdriver. Save these to be installed on the new latch assembly.
- Remove the two setscrews located in the latch assembly 5-32" allen wrench. When loose, pull apart and remove the outer and inner portions of the latch from the stove.

#### **4. Install New Door Latch**

- Install the new catch and spacer to the stove with the screw removed from the old catch.
- Sleeve one brass spacer onto the latch shaft. More can be added as necessary to match to the amount on the old latch assembly.
- Push the threaded end of the latch shaft through the door so the threads are on the outside of the door with the brass spacer on the inside of the door.
- Position the large washer, and then the coil spring onto the threaded end of the latch shaft on the outer side of the door assembly.
- Turn and adjust the crank until there is approximately 1/8" space between the crank and the washer.
- Align the setscrew hole in the crank with the flat part on the latch shaft. Insert and tighten a setscrew into the hole of the crank with the 5/32 hex wrench to secure it into place.
- The assembly should be assembled as depicted in the diagram on page 4 if correctly installed.
- Install the bolt and wooden handle removed in step 3 to the crank.

#### **5. Connect Power**

- Carefully install the door assembly onto the door hinges.
- Close the door to the stove. Ensure the door is sealed when closed
- Plug the stove's power cord into the power source.
- Your new door handle is installed and ready to use.

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## Post-Installation Check

- Verify all connections are secure
- Test the seal of the door to ensure proper fitment. The door should be sealed tightly when both the handle is secured and the gasket is at proper thickness.
- Check door seals using the "dollar bill test" before final assembly. Shut the door on a dollar bill in various locations. If the bill pulls out without any resistance, then your stove's door isn't sealed properly. Add or remove spacers from the inside of the latch to adjust gasket pressure. Remove a spacer to draw the door tighter. If additional washers are needed, the original washers can be reused.

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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.