

DOOR HANDLE RETROFIT KIT 1-00-453001

INSTALLATION INSTRUCTIONS

Replaces MPNs: 1-00-453001

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 main door to the unit.
- Remove the door assembly from the door hinges.
- Remove the glass panel from the unit to prevent breakage. Ensure to keep the glass aside safely for reinstallation later.

3. Remove Old Door Handle

- Typically, the old handle assembly is held in place to the door with a roll pin or set screws. Loosen or remove the rolling pin or set screw from the handle. This will allow the latch to be disassembled from the door handle shaft and free the door handle from the door frame.
- Since this kit is used to retrofit to older models with a handle entry hole less than 10mm, use the included 10mm drill bit to drill the existing latch hole wider from the handle side.

- To ensure safe and accurate drilling, fixture the cast door onto a drill press before widening the hole with the drill bit.

4. Install New Door Handle

- Slide the wave washer(s) onto the handle shaft.
 - One washer is needed for small door units, while two washers are needed for the large door units.
- Verify that the drilled hole is free of burrs and slide the new handle stub into the 10mm hole. **DO NOT** lubricate the handle shaft before insertion.
- For the large door frame units, install the beveled spacer with the beveled side toward the door.
- Slide the pawl onto the handle shaft. The pawl should be positioned over the first notch from the tip of the shaft for the large door units or over the second notch on the small door units. Ensure the set screw hole in the pawl is aligned over the notches in the handle shaft.
- Firmly hold pawl and handle to compress wave washer. Install and snug the first set screw while the assembly is compressed, do not over-tighten the screw.
 - Check for free rotation of the handle. If the handle is tight, remove the pawl and reverse the pawl on the handle shaft for reinstallation to the shaft.
- Install a second set screw into the top of the first set screw to lock the assembly into place.
- Secure the handle grip to the stem of the handle with the long set screw.

5. Connect Power

- Replace the glass removed in Step 2.
- Mount the door assembly onto the door hinges on the stove.
- 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.

Post-Installation Check

- Verify all connections are secure
- Ensure the door handle is able to turn freely before closing the door.
- Make sure the pawl properly locks the door into place when closed.
- 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 for any openings in the door seal. Closing the door on a piece of paper then attempting to pull it out would be the best method; The paper should not be able to move if that place on the gasket is completely sealed. If the paper is easy to pull out,

Support

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