

BYPASS CABLE S.Z0053

INSTALLATION INSTRUCTIONS

Replaces MPNs: S.Z0053, Z0053

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. Access the Unit

- Pull the stove from the firebox.
- Unscrew and remove the bypass handle from the bypass lever.
- Remove the thermostat knob.
 - It is recommended to take a photo of the dial position before removal.
- Remove the right side cover of the unit by removing the mounting screws and setting them aside.

2. Remove Old Cable

- Remove the brass collar and ball bushing from one end of the cable. A set screw will be holding the assembly in place.
- Remove the cable clamp from the stove using an 1/8 inch allen key to free and remove the old cable.

3. Install New Cable

- Before installation, make sure the bypass handle is turned down to its lowest angle, with the top lever hole position at its highest point.

Ensure this lever stays in this position throughout the duration of the installation process.

- Install a ball bushing to one end of the new cable, and the brass collar to lock the bushing in place.
- Insert the cable through the top hole of the bypass lever from the front of the stove to the back.
- Feed the cable through the opening leading to the pulley.
- Looking at the face of the pulley with two holes at the bottom of the pulley, wrap the cable counterclockwise around the pulley. Before wrapping once completely around the pulley, feed the cable through the first hole (left side) then through the second hole (right side) to keep the cable in place and complete the first wrapping.
- From the top of the pulley, snug the cable assembly to the pulley and install the cable clamp to the pulley to keep the cable in place. Ensure the cable does not overlap onto itself on the pulley when doing this.
- From the top of the pulley, insert the cable through the other hole of the bypass lever (the cable would intersect if done correctly).
- Install a ball bushing onto the other end of the cable and slide it until the bushing meets up to the bypass lever. Use a brass collar to lock the bushing in place
- Using vice grips, tighten the cable by pulling the cable excess and snug both the ball bushing and brass collar up on the cable toward the bypass lever. Do this until the cable is taut and lock the bearing in place by tightening a set screw on the collar.
 - Make sure to test handle operation after this is done by opening and closing the bypass door. The handle should not hit the stove top if done properly. If the handle touches the stove top the cable will need to be readjusted from the pulley.
- Cut off the excess cable from the assembly up to the brass collar.

4. Final Assembly

- Install the right side cover to the stove using the screws removed in Step 1.

- Install the thermostat knob to the stove. Ensure the knob is set to the original setting.
 - Install the bypass handle to the bypass lever.
 - Insert the stove back into the firebox.
 - Your bypass cable is installed and your stove is ready to use.
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Post-Installation Check

- Verify all connections are secure
 - Test handle and bypass door operation before closing panels
 - Check for any unusual noises or vibrations
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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.