

# BURN POT 1-00-574605

## INSTALLATION INSTRUCTIONS

Replaces MPNs: 1-00-574605, 1-00-574400

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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 power source.

#### 2. Access the Unit

- Locate the burn pot on the stove. The burn pot should be mounted in the center of the burn area in the front of the stove.
- The igniter and cradle will need to be removed during the removal of the burn pot. To access the ignitor you must loosen the two wing nuts securing the burn pot clean-out cover to the bottom of the burn pot. Once both wing nuts are loosened the cover plate can be removed.
- Carefully remove the wiring access panel on the unit by removing the screws and setting them aside to access the igniter

#### 3. Free the Wiring

- From the wiring area in the rear of the stove, locate the wiring leads to the igniter in the wiring harness. The igniter typically would connect to yellow and light blue wires going to the front of the stove.

- On some units, there may be a small rubber grommet or a dab of high temp silicone where the ignitor wires transition to the back of the unit. Proceed to carefully remove this grommet or silicone dab to free the wires.
- If an extra length of this wire is looped together with a zip tie, proceed to **carefully** cut the zip tie and push the length toward the igniter.
  - Doing this will allow the burn pot to move out easier, keeping this section tied up will restrict the burn pot to move only 4 inches while the igniter is connected.

#### 4. Remove Igniter

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- Pull the igniter assembly out of the stove until you can see the wire connections
  - Proceed to disconnect the wires from the harness as instructed in Step 3 if not already done and remove the whole assembly.
- Remove the old igniter from the cradle by twisting the two tabs that secure the flat plate of the cradle to the ignitor.
  - **Note:** Pay special attention to how the ignitor is positioned in the cradle. The replacement must be positioned in the same orientation.

#### 5. Remove Old Burn Pot

- From the front of the stove, carefully remove the 4 nuts and washers holding the burn pot on the feed weldment posts and set them aside, **do not lose these**.
  - Prior to removal, it is recommended to spray the 4 nuts around the neck of the burn pot with penetrating oil and let it set for easier removal.
- Pull out and remove the old burn pot, mounting gasket and the igniter until the connected wires from the wiring harness are visible.
- Unplug all igniter wiring leads from the wiring harness

- **Note:** Always pull on the connector body, never on the wires themselves, pulling on wires can damage the connector or break the crimp.
- Remove the two screws that hold the igniter and cradle inside the burn pot and put them to the side.
- Remove the igniter assembly from the burn pot.

## 6. Install New Burn Pot

- Install the igniter and cradle to the new burn pot. Secure the assembly with the two screws removed in Step 5.
  - Ensure the wires for the igniter run through the right-side opening at the rear of the burn pot
- Mount the burn pot gasket to the weldment mounting posts with the wiring harness leads running through the center hole.
  - It is recommended to also replace the gasket whenever replacing the burn pot.
- Plug all igniter wire leads into the wiring harness.
  - The igniter should connect to the wiring harness using both wire connectors. The wires are non-polarized, so either igniter wire lead can connect to either of the leads from the wiring harness.
- Ensure each connector is fully seated, you should feel or hear it click into place. A loose connection is the most common cause of post-installation issues.
- Pull the wiring harness wires from the back of the stove so that the disconnects pass backward through the opening. Try to take out as much slack in the igniter wires as possible so that they aren't pinched by the burnpot when it is fit into place.
  - **Note:** for this part of the job, having another person around to pull the wires as you fit the burnpot in the stove is highly recommended if not necessary.
- Position the new burn pot onto the mounting posts.
- Secure the burn pot to the mounting with the 4 screws and washers removed in Step 5.

- Tighten the screws by hand until snug, then uniformly tighten them further with a wrench in a criss-cross pattern to prevent overtightening on any one side.

## 7. Connect Power

- Secure the extra length of wire from the wiring with a new zip tie in the back of the stove.
- Apply a rubber grommet or silicone cap where the igniter wires come out of the stove if removed in Step 3.
- Install the clean-out cover to the burn pot. Tighten the wingnuts to secure the cover.
- 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 burn pot is installed and ready to use.

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## Post-Installation Check

- Verify all connections are secure
- Test igniter operation before closing panels. The igniter should visually glow red hot and emit heat.
- Be careful not to touch the igniter rod or burn pot while testing or operating, allow the unit to cool completely before making any adjustments.

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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.

