

IGNITER H6005

INSTALLATION INSTRUCTIONS

Replaces MPNs: H6005

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 igniter in the stove. The igniter is mounted inside the burn pot in the stove.
- Carefully remove the wiring access panel on the unit by removing the screws and setting them aside to access the igniter. On Insert models, you may need to remove the decorative trim in a similar manner to access the rear of the stove.

3. Disconnect Wiring

- Before disconnecting anything, take clear photos of all wiring connections from multiple angles. This is the single best way to avoid mistakes during reassembly.
- Label each connector with masking tape and a marker as you remove it.

- Trace and unplug all igniter wiring leads from the wiring harness. Typically, one wire should be unplugged from the terminal block and the other from the purple wire going back to the controller.
 - **Note:** Always pull on the connector body, never on the wires themselves, pulling on wires can damage the connector or break the crimp.
- For Freestanding models, disconnecting the wiring harness from the controller may also be necessary to access the igniter.

4. Remove Old Igniter

- Some models may require the convection blower to be removed temporarily to access the igniter. If needed, proceed to remove the blower by removing the fastening screws and setting the screws and blower aside.
- Loosen the worm clip that secures the igniter to the mounting bracket.
- Gently pull the igniter out of the stove.
 - **Note:** Always pull on the igniter rod, never on the wires themselves, pulling on wires can risk snapping off the wires from the rod making it difficult to remove.

5. Install New Igniter

- Ensure the burn pot is aligned properly to the stove's igniter hole before installation. This is to allow the burn pot to act as a guide for the igniter when inserted.
- Insert the new igniter into the stove.
- Secure the igniter rod to the mounting bracket using the worm clip. Tighten until snug, do not overtighten, as excessive force can damage the igniter.

6. Connect Wiring

- Using the reference photos and labels from Step 3, plug all new igniter wire leads into the wiring harness.

- The igniter should connect to the wiring harness using both wire leads. The igniter features a bullet connector for the controller wire and a spade connector for the terminal block.
- If the wiring harness was unplugged in Step 3, connect the wiring harness back into the controller.
- 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.

7. Connect Power

- Reinstall the convection blower if removed in Step 4.
- Replace the wiring access panel (or decorative trim) and secure it with the screws removed in Step 2.
- Plug the stove's power cord into the power source.
- Your new igniter is installed and ready to use.

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 while testing or operating, allow the unit to cool completely before making any adjustments.

Support

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

