

IGNITER 80543

INSTALLATION INSTRUCTIONS

Replaces MPNs: 80543

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 motor.

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.
- Unplug all igniter wiring leads from the wiring harness, including the grounding wire if available.

- **Note:** Always pull on the connector body, never on the wires themselves, pulling on wires can damage the connector or break the crimp.

4. Remove Old Igniter

- Remove the bolts fastening the igniter assembly to the stove.
- Pull the igniter assembly and igniter flange gasket out and away from the stove.
- Loosen the set screw holding the igniter to the igniter sleeve.
- Gently pull the igniter out of the sleeve.
 - **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

- Insert the new igniter rod into the igniter sleeve.
- Secure the igniter rod using the set screw on the igniter sleeve. Tighten until snug, do not overtighten, as excessive force can damage the igniter rod.
- Insert the igniter assembly and flange gasket into the stove.
- Secure the igniter assembly with the screws removed in Step 4

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 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.

7. Connect Power

- 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 igniter 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 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.