

IGNITER EF-127

INSTALLATION INSTRUCTIONS

Replaces MPNs: EF-127

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 typically mounted behind the burn pot in the stove in the ashpan area.
- Carefully remove the wiring access panel on the unit by removing the screws and setting them aside to access the igniter.
- For some models, remove the burn pot and the ash pan from the stove to better access the igniter from the front. This typically mounted from the front of the stove behind the burn pot.
- You may also need to remove the auger motor to better access the igniter wiring; the igniter is typically mounted behind the auger 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 leads to the halogen pin socket plugged into the igniter.
 - **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

- This igniter plugs into a socket, known as the halogen pin socket. Ensure the halogen pin socket leads from the igniter are free from the wire harness so that the halogen socket travels with the igniter through the front of the stove.
- Remove the screws fastening the igniter to the stove in the front of the stove.
- Pull the igniter assembly out and away from the stove.
- Carefully disconnect the old igniter from the halogen pin socket.
 - **Note:** Always pull on the igniter rod and socket base, never on the wires themselves, pulling on wires can risk snapping off the wires from the socket or damaging the pins which most likely will not self align during installation.

5. Install New Igniter

- Carefully plug the halogen pin socket into the new igniter rod.
 - Either pin may be inserted into either hole in the igniter rod.
- Insert the igniter assembly into the stove wires first.
- Secure the igniter using the set screws removed in Step 4. Tighten until snug, do not overtighten, as excessive force can damage the screws or the mounting holes.

6. Connect Wiring

- Using the reference photos and labels from Step 3, plug the 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

- Reinstall the auger motor to the stove if removed in Step 2.
- Install the burn pot and ash pan removed in Step 2.
- 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.

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.

