

IGNITER KIT0255-AMP INSTALLATION INSTRUCTIONS

Replaces MPNs: KIT0255, ELE145

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
-

Installation Steps

1. Disconnect Power

- Ensure the unit is completely cooled down and drained of power.
- Unplug the grill from the power source.

2. Access the Unit

- Locate the igniter in the grill. The igniter is typically mounted inside the burn pot.
- Carefully remove the wiring access panel on the hopper by removing the screws and setting them aside to access the igniter.
 - In some models, you may need to unfasten the controller from the hopper or unfasten the hopper from the burn box assembly for easier access.
- Remove the cooking grates, drip pans, broiler plates or baffles from the grill to gain access to the burn pot and igniter inside the grill.

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 igniter wiring lead from the controller, the igniter white is typically connected to a purple wire coming from the controller. The igniter wire is usually the only braided wire.
 - **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 screws holding the burn pot to the stove and set these aside.
- Carefully pull the burn pot with the igniter and wiring out from the burn box assembly.
- Before removing the igniter, take clear photos or record the length the igniter sticks out into the inside of the burn pot. Some models require a specific length the igniter should expose in the burn pot for optimal ignition.
- Loosen the set screw holding the igniter to the burnpot's 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. You could also push the igniter rod in from the inside of the burn pot to get a better grip of the igniter from the other end.

5. Install New Igniter

- Insert the new igniter rod into the igniter sleeve.
 - Ensure the rod tip is sticking out inside the burn pot at the optimal length your model calls for.
- 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.

- Carefully insert and thread the igniter wire and connector through the burn box.
- Carefully insert the igniter and burn pot assembly into the grill's burn box assembly.
- Secure the burn pot to the burn box assembly with the screws removed in Step 4.

6. Connect Wiring

- Using the reference photos and labels from Step 3, plug the new igniter wire lead into the wiring harness/controller.
 - The igniter should connect to the controller wire (typically purple colored) using the white wiring molex.
- Ensure the 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

- Install the removed cooking grates, drip pans, broiler plates or baffles to the grill.
- Install and fasten the hopper to the burn box assembly if removed prior.
- Fasten the controller to the hopper if removed prior.
- Replace the hopper wiring access panel and secure it with the screws removed in Step 2.
- Plug the grill'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 final grill assembly. 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.