

THERMOCOUPLE KIT0659

INSTALL INSTRUCTIONS

Replaces MPNs: KIT0659

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
 - Ensure there are no pellets in the hopper assembly
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Installation Steps

The thermocouple may be installed differently based on the model series, namely Timberline and Ironwood series grills made 2022 and newer. Please refer to the following instructions when installing this thermocouple.

INSTALLATION TO TIMBERLINE

1. Unplug the unit.
2. Remove all pellets from the grill.
3. Remove the side service panel.
4. Detach the lid of the grill by removing the screws from the top half of the lid hinges.
5. Locate the Thermocouple wire cover in-between the hopper and the grill lid. Remove this by removing one Phillips head screw.
6. Remove the Thermocouple window on the back of the grill by removing 2 Phillips head screws.
7. Locate the stainless steel clip holding the thermocouple wire in place in the grill barrel. Loosen the thermocouple bracket clamp screw to free and remove the thermocouple.

8. Inside the hopper, locate the bright yellow thermocouple wire and gently pull the old thermocouple out now that all fasteners are removed.
9. Feed the new thermocouple wire into the opening of the back of the hopper.
10. Feed the wire through the window on the back of the grill and up into the thermocouple bracket clamp.
11. Tighten the clamp, put the window back on, and put the wire cover on.
12. Connect the thermocouple to the motherboard following (+) and (-) symbols.
13. Reattach the smart combustion cover back on the motherboard.
14. Reattach the hopper service panel back on the grill.
15. Reinstall the lid.

INSTALLATION TO IRONWOOD

1. Unplug the unit.
2. Remove pellets from the grill.
3. Remove the hopper service panel with a manual impact driver.
4. Remove the lid of the grill.
5. Locate the Thermocouple wire cover, between the hopper and the grill lid. Remove this by removing one Phillips head screw.
6. Remove the Thermocouple window on the back of the grill by removing the 2 Phillips head screws.
7. Locate the stainless steel clip holding the thermocouple wire in place.
8. Loosen the bolt on the silver bracket enough that the tip of the thermocouple can fit through.

9. Remove the thermocouple by loosening the thermocouple bracket clamp screw.
 10. Inside the hopper, locate the bright yellow thermocouple wire and gently pull the old thermocouple out now that all fasteners are removed.
 11. Feed the new thermocouple wire into the opening on the back of the hopper.
 12. Feed the wire through the window on the back of the grill and up into the thermocouple bracket clamp.
 13. Insert the thermocouple through the base of the bracket and then slide the wire under the silver bracket.
 14. Tighten the clamp, put the window back on, and put the wire cover on.
 15. Connect thermocouple to motherboard following (+) and (-) symbols.
 16. Put the smart combustion cover back on the motherboard.
 17. Put the hopper access panel back on the grill.
 18. Reinstall the lid.
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Post-Installation Check

- Verify all connections are secure
 - Ensure all wiring is not in proximity of moving parts
 - Test motor operation before closing panels
 - Check for any unusual noises or vibrations
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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](#).

