



# SERVICE BULLETIN

SP2020-001  
Revision 0  
December 22, 2020

Before performing any service always follow applicable safety precautions.

## Relay Replacement Kit

**Affected Products:** Control panels and relay boards using relay 444011.  
**Affected Serial Range:** N/A  
**Related Issue #:** N/A

### Issue Description:

Relay 444011 was discontinued by the manufacturer and has been replaced with relay 444023 and socket 444024 in gas rotisserie smokers (see Product Bulletin SPProd-025). When relays 444011 need replaced, the following replacement kits can be purchased for an easy transition.

- 495008 - Cook and Hold Control Panel with 2 relays
- 495009 - CV Control Panel with 2 relays
- 495010 - CV Control Panel with 1 relay

### Actions Required:

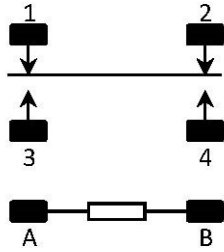
The new relay and socket assembly will attach to the control panel or relay board in place of the old relays.

On smokers with color-coded wiring harnesses, the wire leads on the sockets will connect to the same color wires removed from the old relays. On smokers without color-coded wiring harnesses, careful attention will need to be paid to the position of the wire on the old relay to match up with the correct position on the new socket.

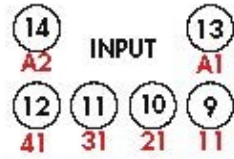
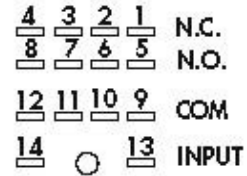
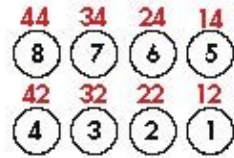
All but a few wires will be disconnected from the old relays and reconnected to the corresponding wire leads on the new sockets using the existing quick disconnects. A few wires are connected to the old relays using piggyback disconnects. On those wires, the piggyback disconnect will need to be cut off and the wire stripped and crimped into the appropriate butt splice connector on the new socket. Jumper wires between terminals on the old relays can be discarded.

The two relays control the door interlock switch/proximity sensor and the smoke extractor/VSP hood system. **The relay for the smoke extractor/VSP hood system has a red wire, while the other relay does not.**

**Actions Required (continued):**



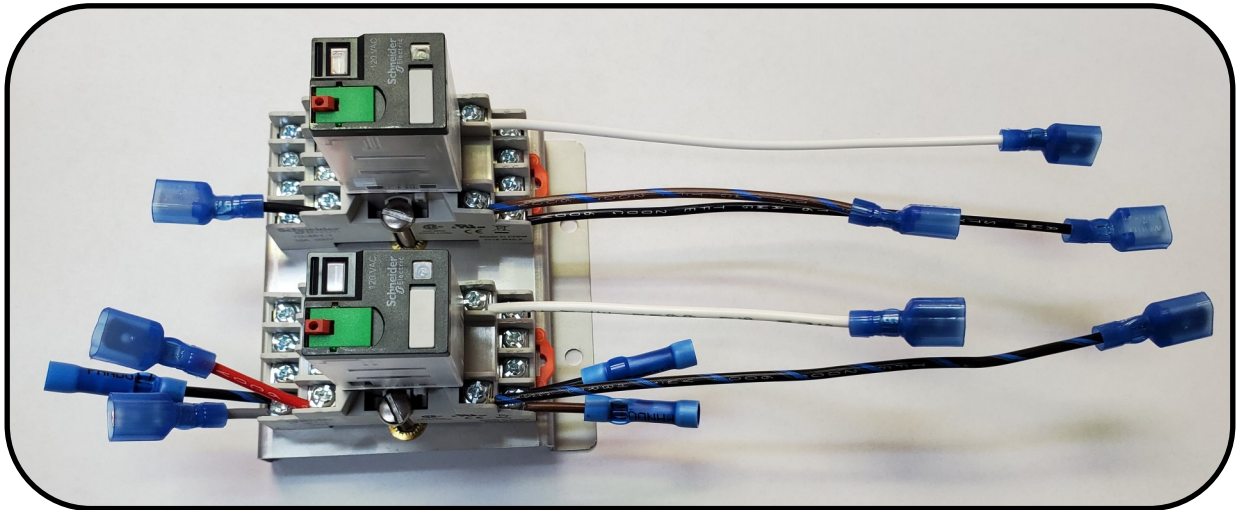
Corresponding Positions	
Relay	Socket
1	4
2	12
3	8
4	12
A	13
B	14



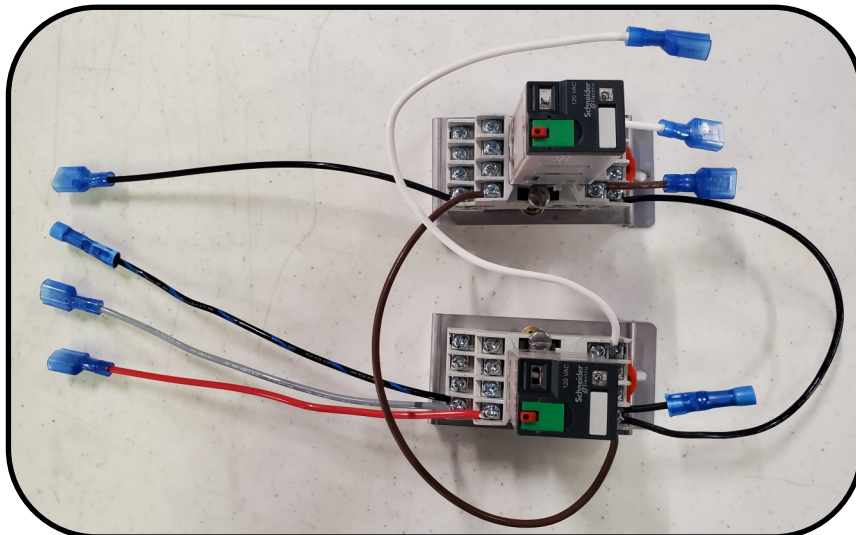
**NEMA  
IEC**



495008 Shown Below

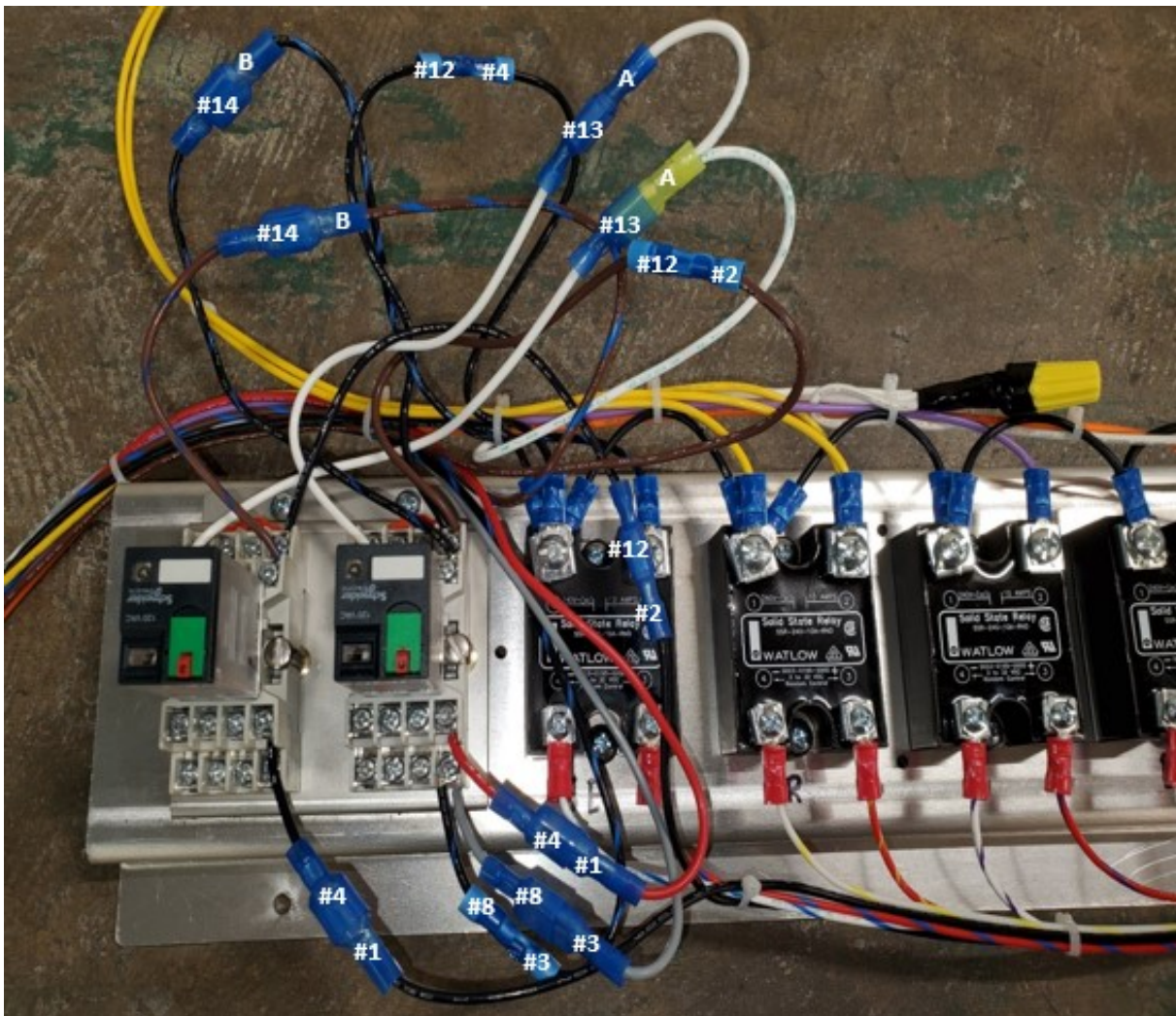


495009 Shown Below



**Actions Required (continued):**

Installation of 495008 on a cook and hold control relay board (new and old terminal locations noted):



**Additional Comments:**

After the installation is complete, the wires can be neatly routed and tied to the other wires in the harness. Future replacement will only require replacement of the relay; the socket and wires will remain.

**Secondary Distribution:**

Service technicians within the Distributor's organization.  
Service companies.

**For Additional Information:**

Southern Pride Technical Support: (800) 437-2679