

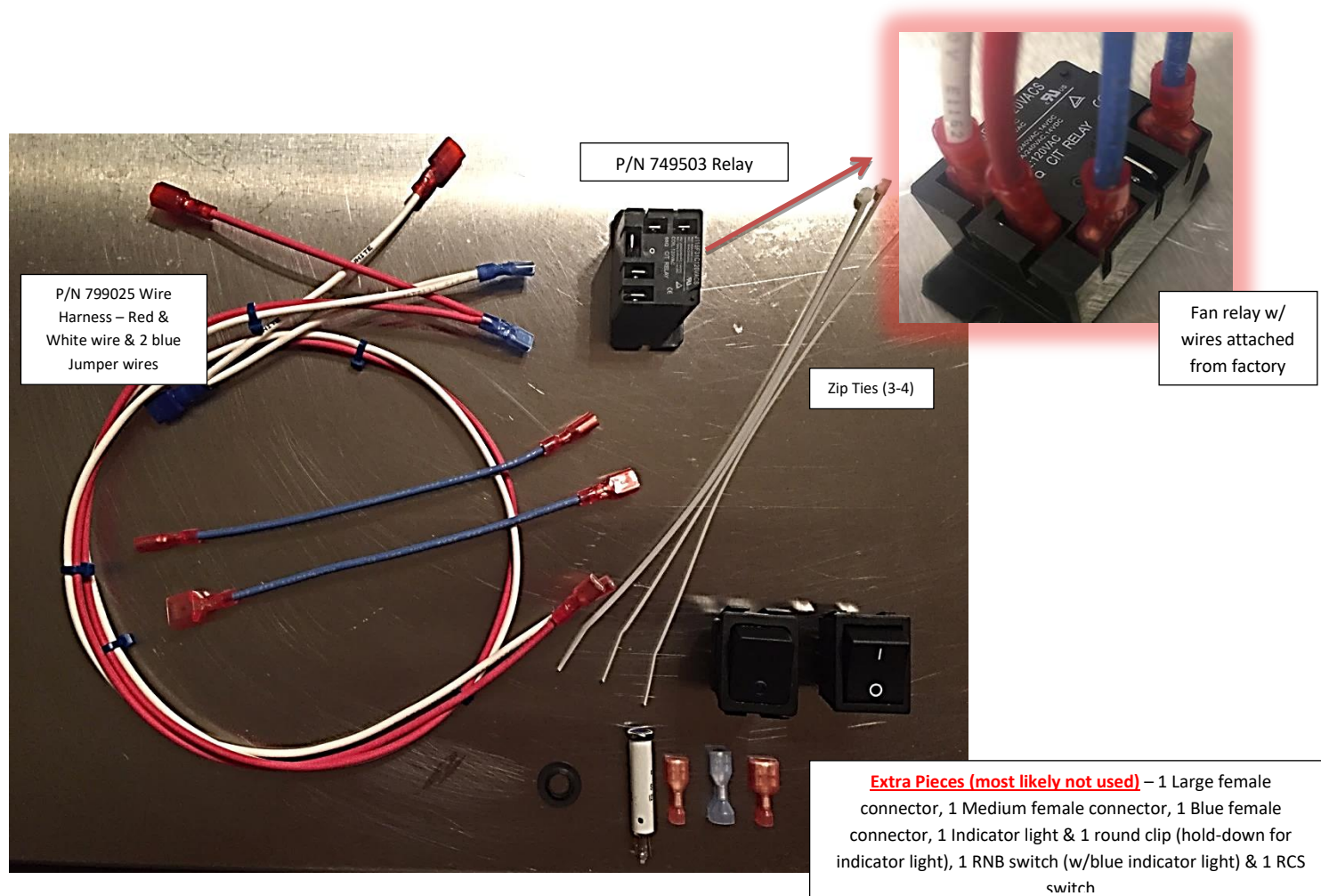


Instructions for adding convection fan relay for RNB/RCS (open & sealed burner) units

BlueStar part # - **CF RELAY SVC KIT**

- **Make sure power is turned off to range (either by unplugging range or turning off breaker)!**
- Verify contents of kit received (see photo below)

749503 Fan Relay, **799025** Fan Relay harness, **728102** Indicator light, **735007** 5/16" Tinnerman Clip, **735005** Rocker Switch RNB, **735002** Rocker Switch RCS, **305803** LG Female Spade Connector, **305802** SM Female Spade Connector



Remove knobs from valve (control panel area) and safely place to side

Remove control panel (remove front grates and any other accessories (griddle/CB) to gain access to screws securing control panel.

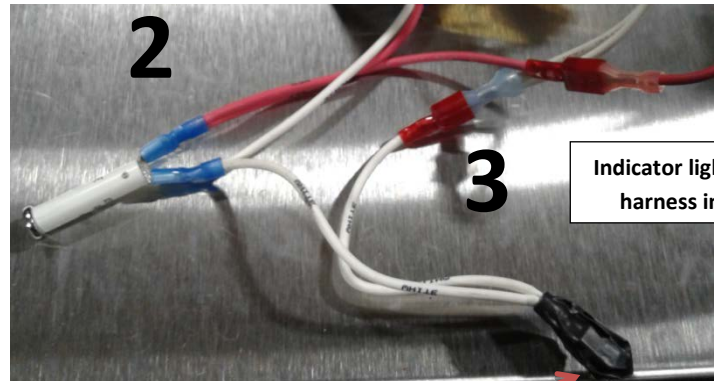
**** Note: number of screws will vary based on size of range**

With grease pan slightly pulled forward pull control panel forward and lift up slightly to gain access to area behind control panel. Grease pan can be used to safely rest control panel on top of. [Link to video: https://vimeo.com/user66771771/v2platerailreplacement](https://vimeo.com/user66771771/v2platerailreplacement)

Carefully remove red and white wires from indicator light (1). Take double red and double white wires provided with parts kit and join white wire with white wire and red wire with red wire (2) that were just removed from indicator light (3).



Indicator light as wired from factory



Indicator light w/ new harness installed

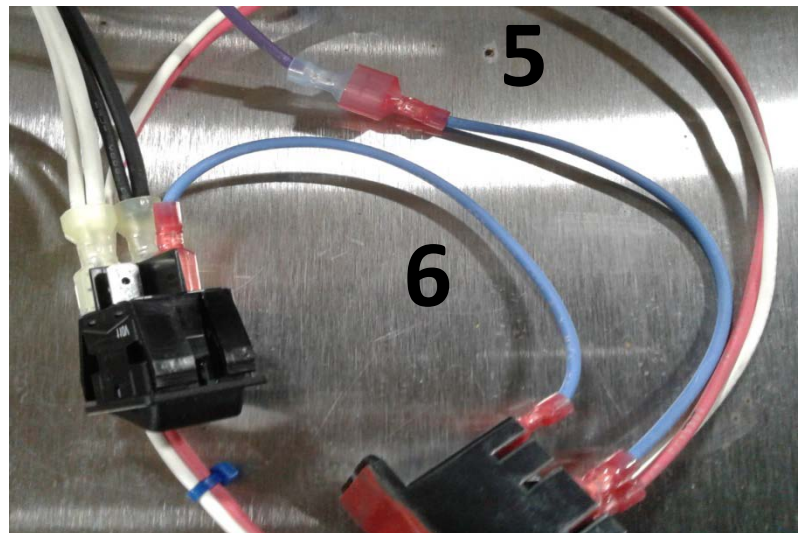
***Please note one leg of white wire will be taped off and NOT used

Locate convection fan switch (notated with small engraved fan blade on control panel). Remove blue wire (4) (in some cases this wire will be purple) from convection fan switch and connect to blue wire from kit with large male connector (5).

Connect 2nd blue wire from kit to convection fan switch in place of blue wire that was removed in previous step (6). (before and after photos below)



Convection fan switch as wired from factory (note purple wire may also be blue)



Peel paper from back of tape on under side of relay and again locate convection fan switch and safely place relay next to or in vicinity of convection fan switch (please be certain not to obstruct manifold or top burner valve when placing relay).

Zip tie loose hanging wires gently to manifold/wire harness.

Once complete and before replacing control panel – restore power to range and test relay. Convection fan relay is working properly when convection fan switch is engaged and blue indicator light is in ON position; **in this scenario convection fan should NOT be operational**, if oven knob turned off/indicator light OFF convection fan should be operational with convection fan switch engaged.