

Certain usage habits can dramatically reduce the life of the oven function switches. The two main habits that can reduce the life are:

- 1) Leaving the thermostat on a fixed temperature and only using the function switch to turn the unit on and off / OR turning the thermostat on first THEN switching the function switch.
- 2) Using the “pre heat” function for extended periods of time. Pre heat should only be used to pre heat the oven then turned to another function. Approximate proper usage time is 10 minutes.

To ensure longevity of llve function switches, You can “re-route” the main neutral from the switch to the thermostat direct. This means that no matter how the customer uses the oven the switch will never switch under high current.

For repeat failures under normal usage, check current draw of each element and ensure it is running to specification. Also ensure there are no heat affected connectors on switch or thermostat. All connectors must be making good contact.

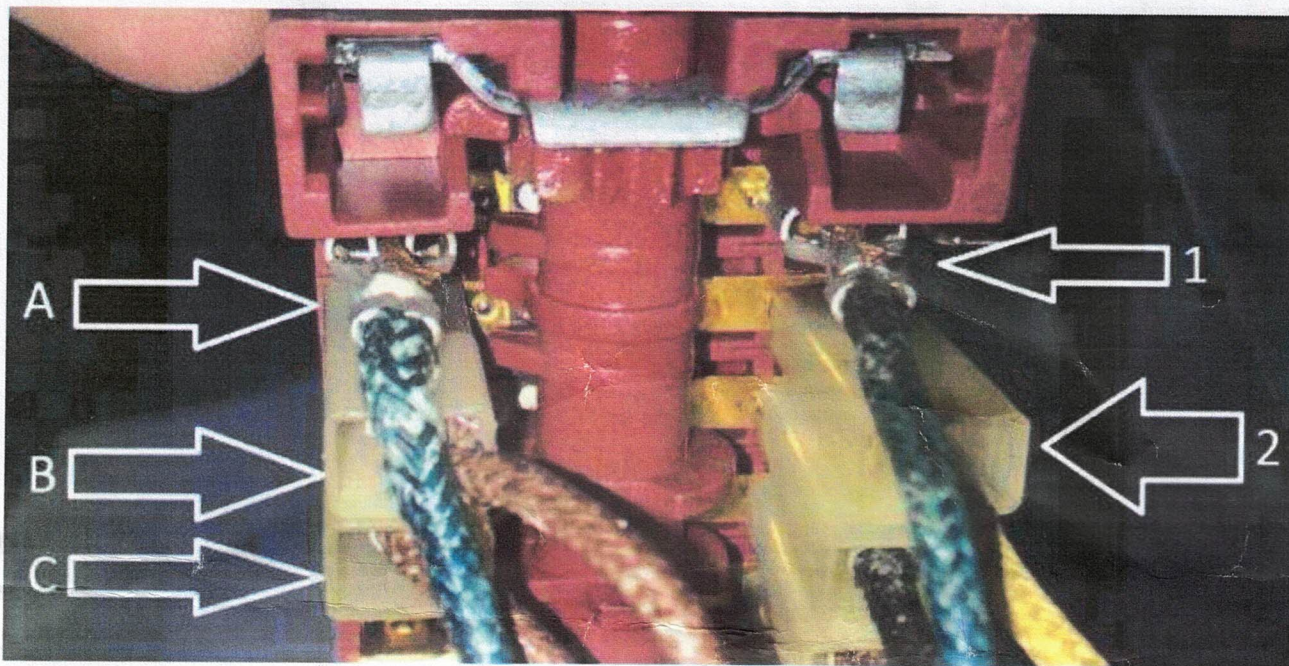
In the event the customers unit has modified switch part number “A/034/09mod” fitted (this switch had the first two terminals soldered together), please see mod diagram and follow in reverse to return to original before undertaking the following neutral change

This is applicable for switches :

A/034/09

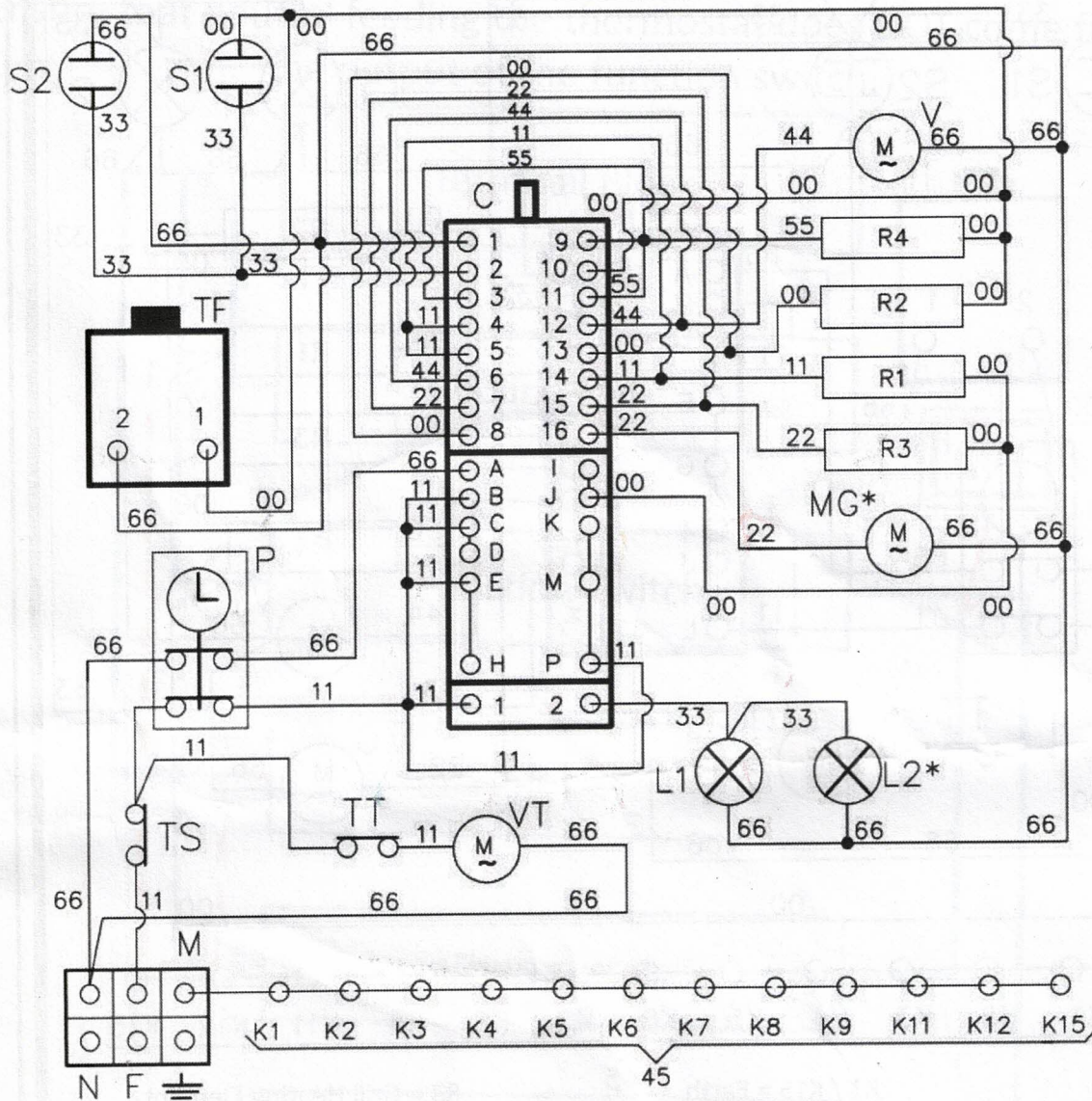
A/034/11

**“09mod switch” procedure.
To convert to original, reverse below procedure.**



- 1) remove the link wire between terminals B and C from the old switch (this link is no longer required)
- 2) while leaving wires on terminals A, 1 and 2 in place on the old switch move all other wires from the old switch to the same terminals on the new switch
- 3) move wire from terminal 2 on the old switch to terminal C on the new switch
- 4) move wire from terminal 1 on old switch to terminal 2 on the new switch
- 5) move wire from terminal A on old switch to terminal A on the new switch

Original Wiring Diagram 11 Switch

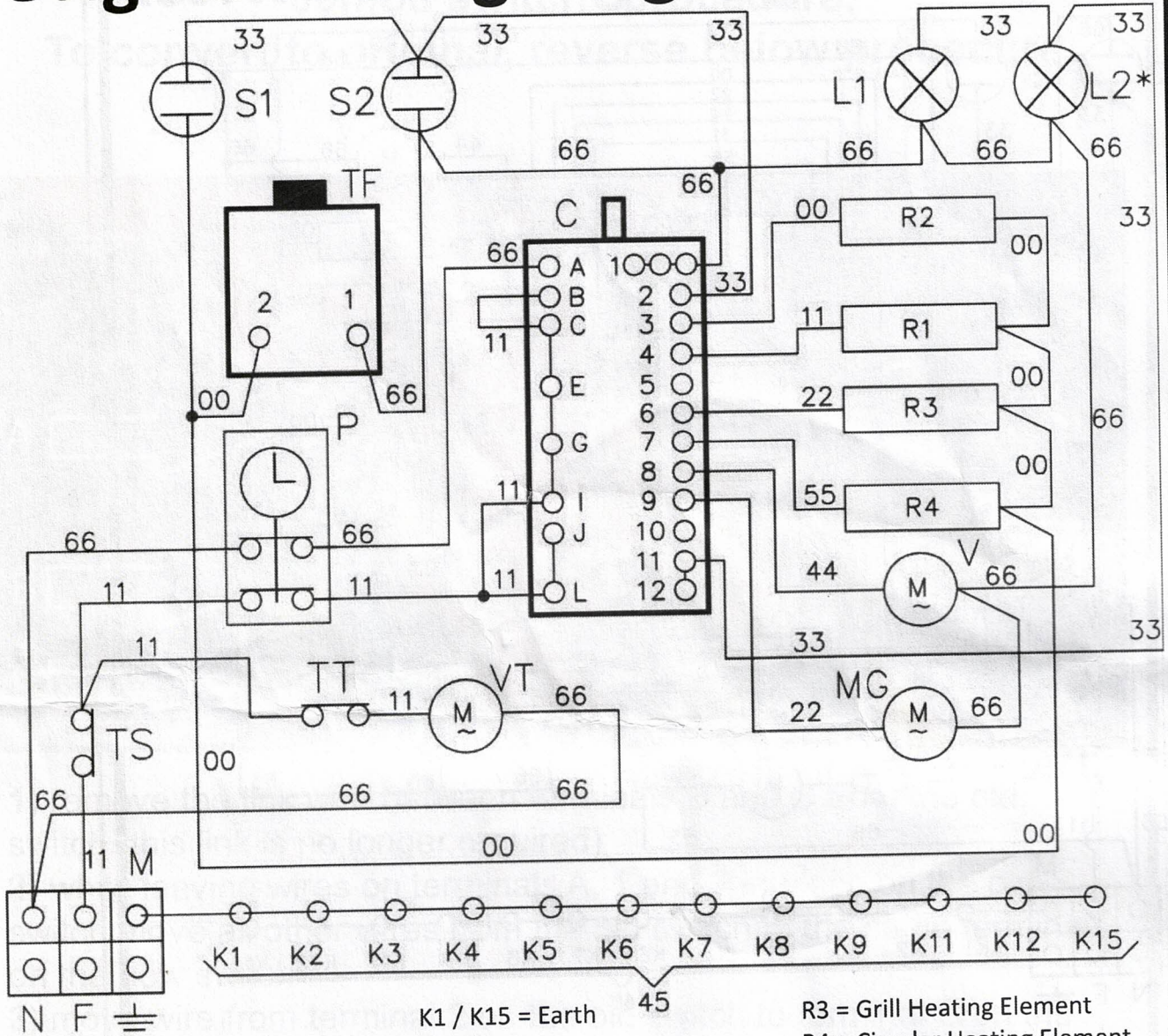


00 = Black
 11 = Brown
 22 = Red
 33 = White
 44 = Yellow
 45 = Yellow / Green
 55 = Grey
 66 = Blue
 C = Switch

F = Phase
 L1 = Oven Lamp
 L2 = Oven Lamp
 M = Terminal Board
 MG = Rotisserie
 N = Neutral
 P = Programmer / Clock
 R1 = Upper Heating Element
 R2 = Lower Heating Element

R4 = Circular Heating Element
 S1 = Oven Warning Light
 S2 = Mains Power Warning Light
 T = Grill Thermostat
 TF = Oven Thermostat
 TS = Safety Thermostat
 V = Oven Fan
 VT = Cooling Fan
 TT = Cooling Fan Thermostat

Original Wiring Diagram 09 Switch

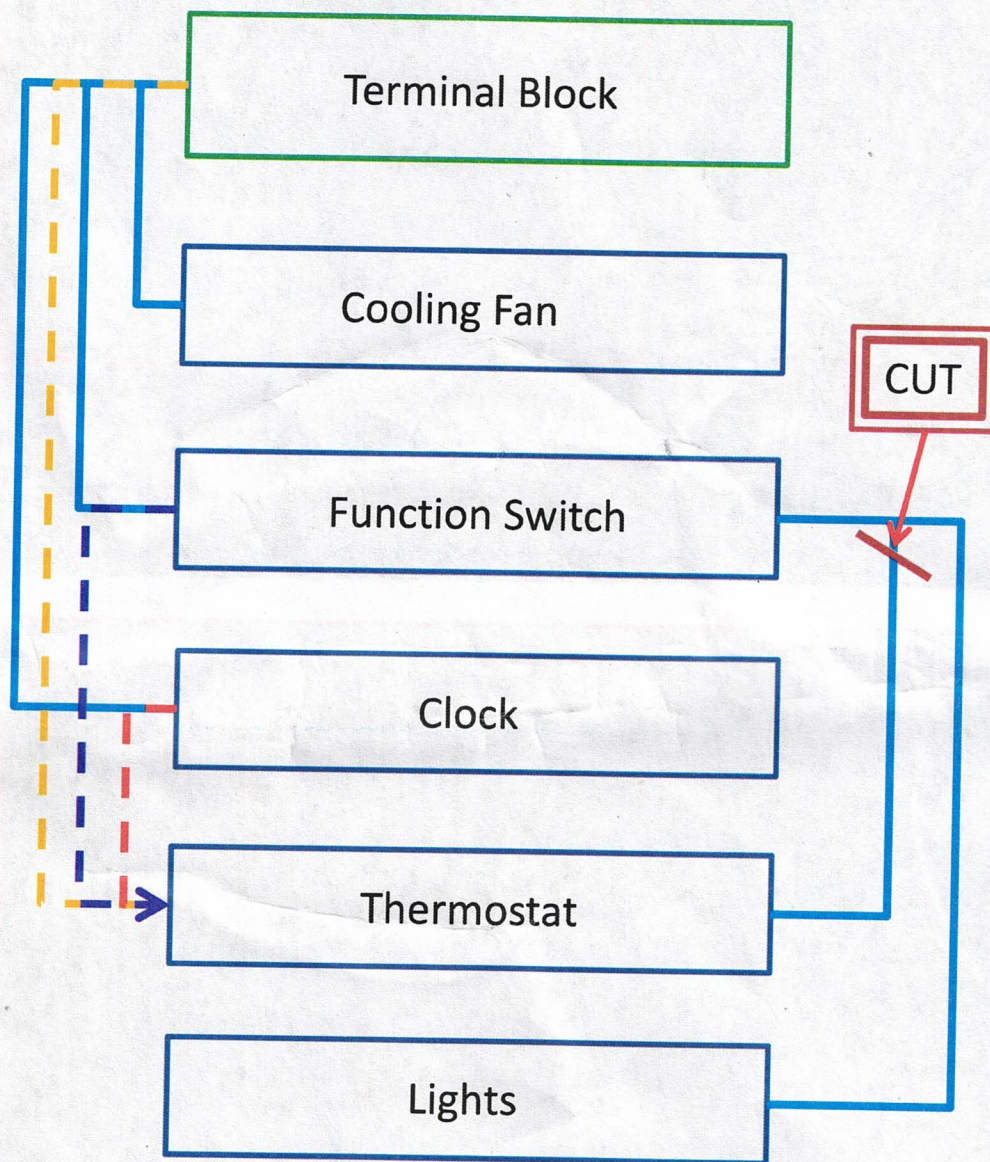


00 = Black
11 = Brown
22 = Red
33 = White
44 = Yellow
45 = Yellow / Green
55 = Grey
66 = Blue
C = Switch

K1 / K15 = Earth
F = Phase
L1 = Oven Lamp
L2 = Oven Lamp
M = Terminal Board
MG = Rotisserie
N = Neutral
P = Programmer / Clock
R1 = Upper Heating Element
R2 = Lower Heating Element

R3 = Grill Heating Element
R4 = Circular Heating Element
S1 = Oven Warning Light
S2 = Mains Power Warning Light
T = Grill Thermostat
TF = Oven Thermostat
TS = Safety Thermostat
V = Oven Fan
VT = Cooling Fan
TT = Cooling Fan Thermostat

NEW Block Diagram : Basic overview of **neutral** pathway.
Ensure that neutral feeding the thermostat does NOT come from the output of the function switch.



- Original neutral
- - - Proposed NEW neutral 1
- - - Proposed NEW neutral 2
- - - Proposed NEW neutral 3

You can get the neutral from the INPUT of the function switch, OR the neutral to the clock, OR run a neutral from the terminal block.

Example – Neutral From Clock

