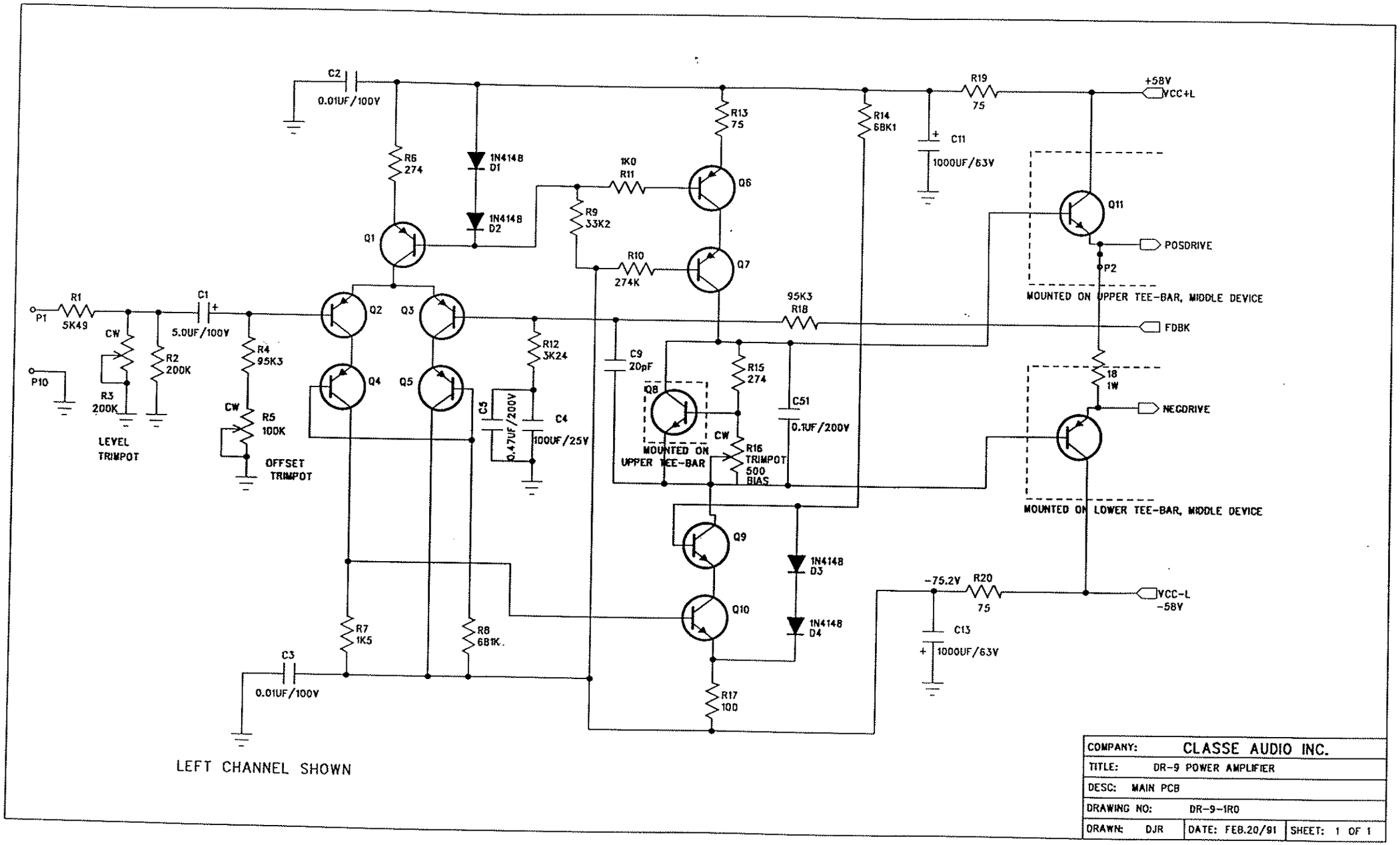

C2
0.01UF/100V
R6
274
1N4148
D1
1N4148
D2
Q1
1K0
R11
R9
33K2
R10
274K
R13
75
Q6
Q7
R14
6BK1
R19
75
+58V
VCC+L
C11
1000UF/63V
Q11
POSDRIVE
P2
MOUNTED ON UPPER TEE-BAR, MIDDLE DEVICE
95K3
R18
FDBK
R1
5K49
P1
C1
5.0UF/100V
CW
R2
200K
P10
R3
200K
LEVEL
TRIMPOT
R4
95K3
CW
R5
100K
OFFSET
TRIMPOT
Q2
Q3
Q4
Q5
R12
3K24
C5
0.47UF/200V
C4
100UF/25V
C9
20pF
Q8
MOUNTED ON
UPPER TEE-BAR
R15
274
C51
0.1UF/200V
CW
R16
TRIMPOT
500
BIAS
18
1W
NEGDRIVE
MOUNTED ON LOWER TEE-BAR, MIDDLE DEVICE
Q9
Q10
1N4148
D3
1N4148
D4
-75.2V
R20
75
VCC-L
-58V
C13
1000UF/63V
R7
1K5
R8
6B1K
C3
0.01UF/100V
R17
100
LEFT CHANNEL SHOWN
COMPANY: CLASSE AUDIO INC.
TITLE: DR-9 POWER AMPLIFIER
DESC: MAIN PCB
DRAWING NO: DR-9-1R0
DRAWN: DJR
DATE: FEB.20/91
SHEET: 1 OF 1

"BIAS FOR OLD MODELS"

DR 9-8 => 18

DR 10 - M10 => 21

DR 15 - 25 - M/S 1000 - 700 => 22

CLASSE' 70 => 21

FOR ALL MODELS IF THE PRE-DRIVERS ARE MOUNTED ON HEAT SINK USE THE TOP COVER TO FINAL TEST. (TO SET BIAS + OFFSET)

DR9 VOLTAGE CHANGE

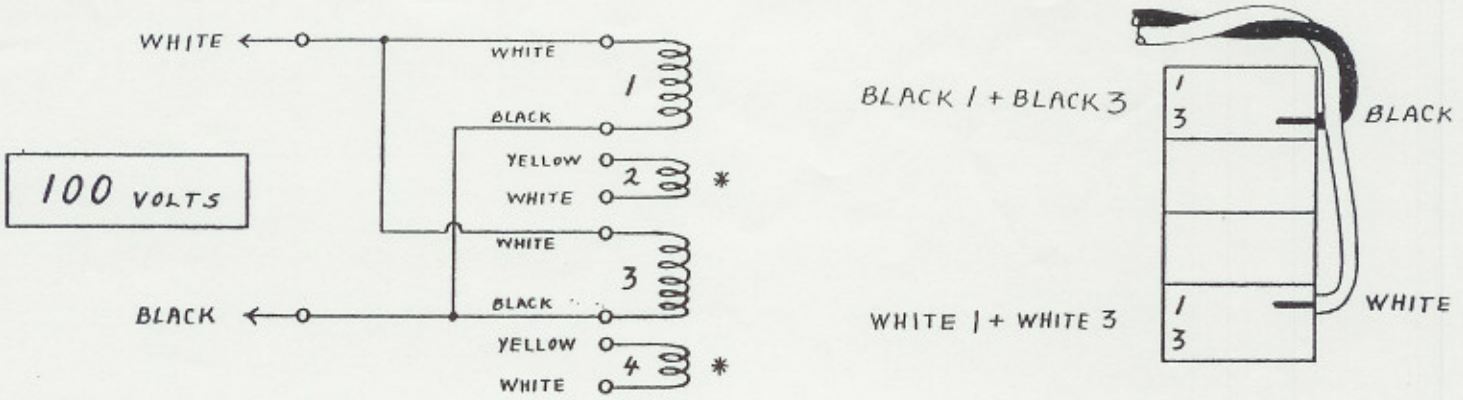
- Unplug all connections from amp.
- Remove top plate and faceplate.
- Remove all backplate retaining screws. Unsolder right channel input from inverter board (on backplate). Unplug (or unsolder) the output coils from output relays. Lay backplate down onto your workbench to allow access to the auxiliary transformer.
- Unsolder the input of the left channel.
- Unsolder the positive, negative and ground connections to the left channel.
- Remove all left heatsink retaining screws and lay the heatsink on its side.
- Looking from the rear of the amplifier, locate and desolder the auxiliary transformer wires. Rewire the primary leads as shown in the enclosed diagram #1.
- Looking from the left side of the amplifier, locate and remove the old varistor on the DR9-7R0 board. Replace the varistor with the correct value. If one is not available, then leave the location empty. (see diagram #1).
- Re-connect all wires.
- Re-assemble the backplate and left side heatsink.
- At the front of the amplifier, loosen the terminal block connections and remove all wires.

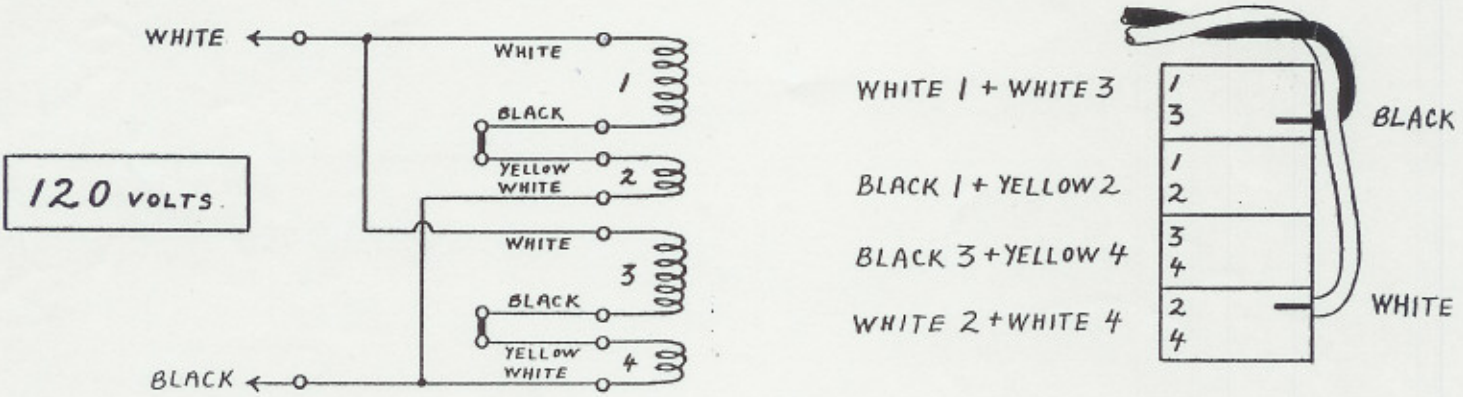
For 220V (original voltage), locate and uncover a yellow and white wire.
Using a continuity tester or OHM eter, locate and label each of the four transformer windings.
Rewire the terminal block, according to the correct schematic in diagram #2.

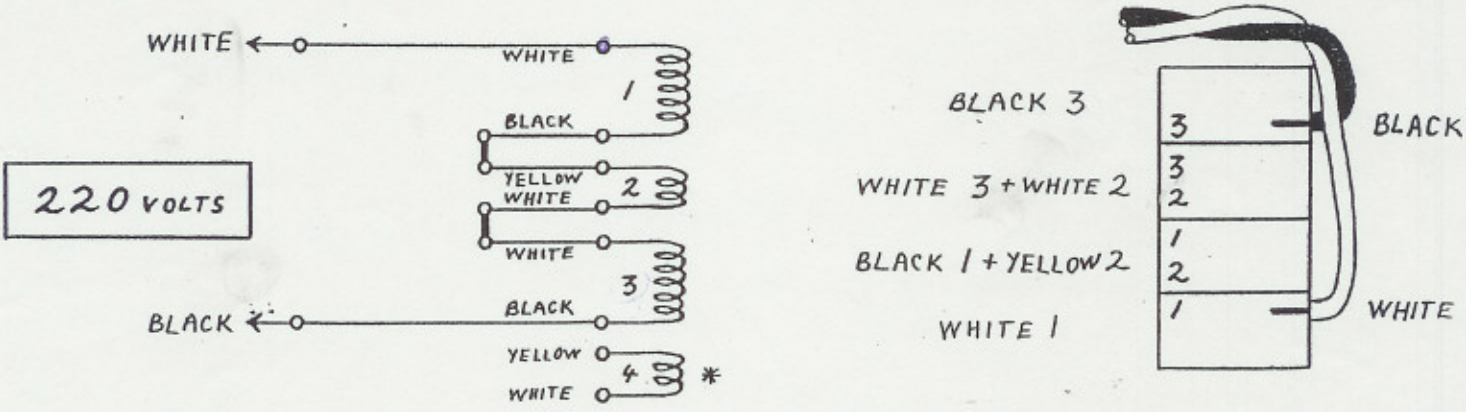
DR-9 PRIMARY

SCHEMATIC

TERMINAL BLOCK







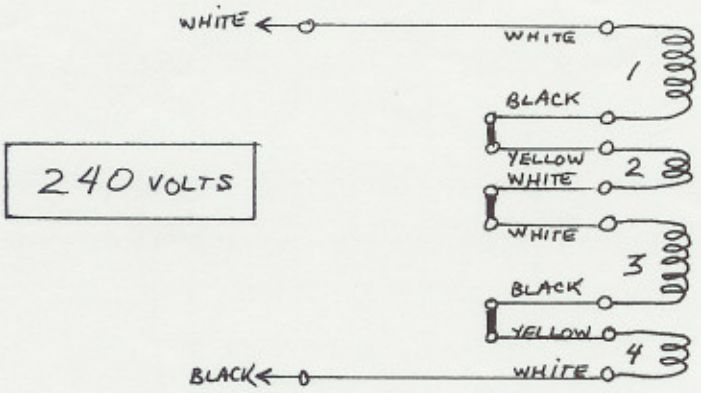
NOTES

* UNUSED WINDINGS : ! THESE WIRES MUST NOT BE CONNECTED TOGETHER ! DO NOT CUT WIRES. TWIST NORMALLY, BEND ENDS OVER AND INSULATE WITH HEATSHRINK. BEND AROUND BASE OF TRANSFORMER.

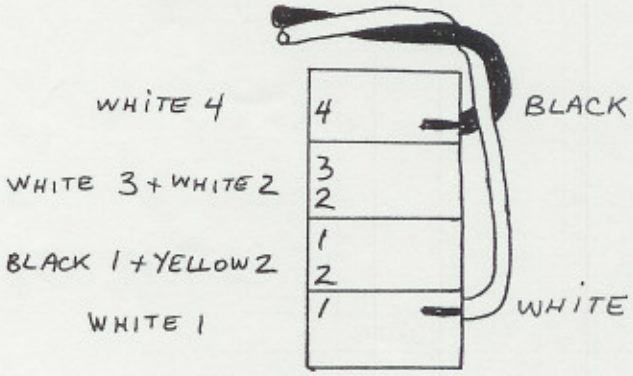
DR-9 PRIMARY

#2b

SCHEMATIC



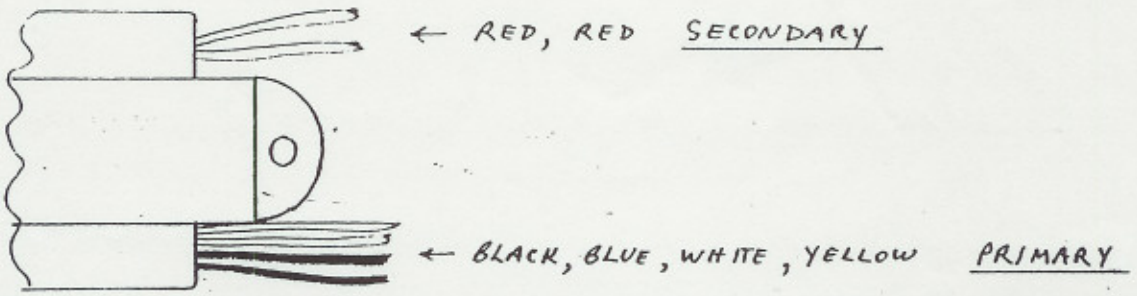
TERMINAL BLOCK

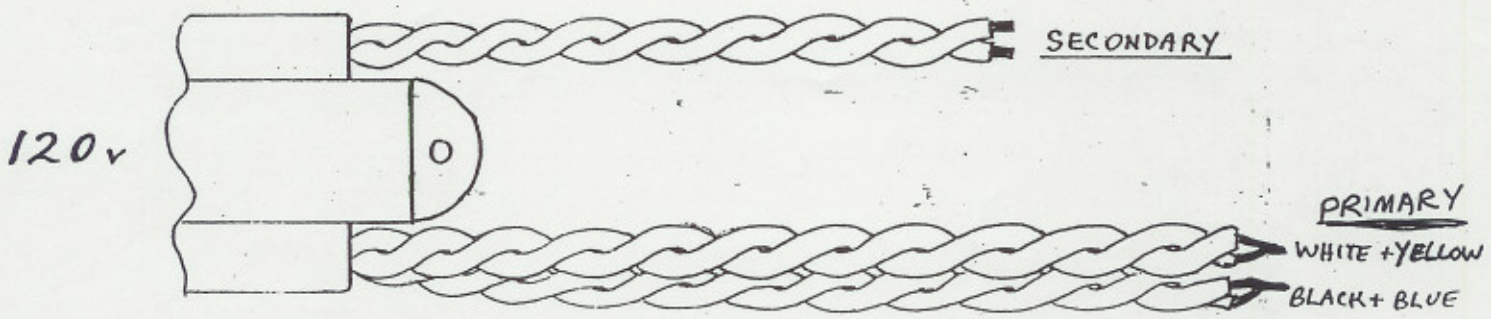


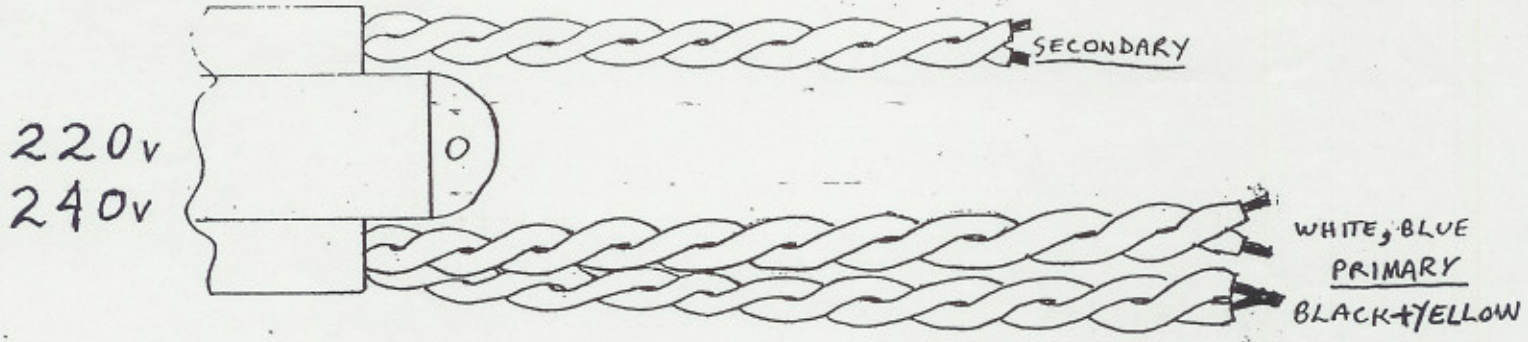
BLACK 3 + YELLOW 4

- TWIST TOGETHER, SOLDER AND COVER WITH HEAT SHRINK TUBING OR ELECTRICAL TAPE.
- BEND AROUND BASE OF TRANSFORMER

DR-9 AUXILIARY TRANSFORMER

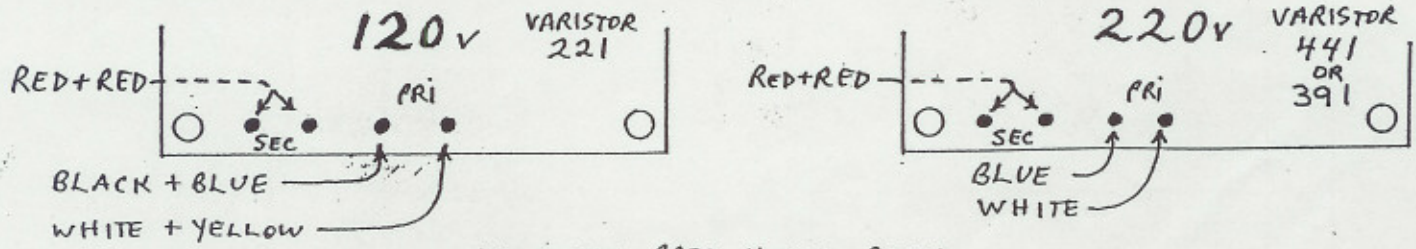






SOLDER BLACK TO YELLOW AND INSULATE WITH HEATSHRINK OR ELECTRICAL TAPE.

7RO COLOR POSITIONS: VERIFY PROPER VARISTOR VALUE.



ALL WIRES PASS UNDER BOARD