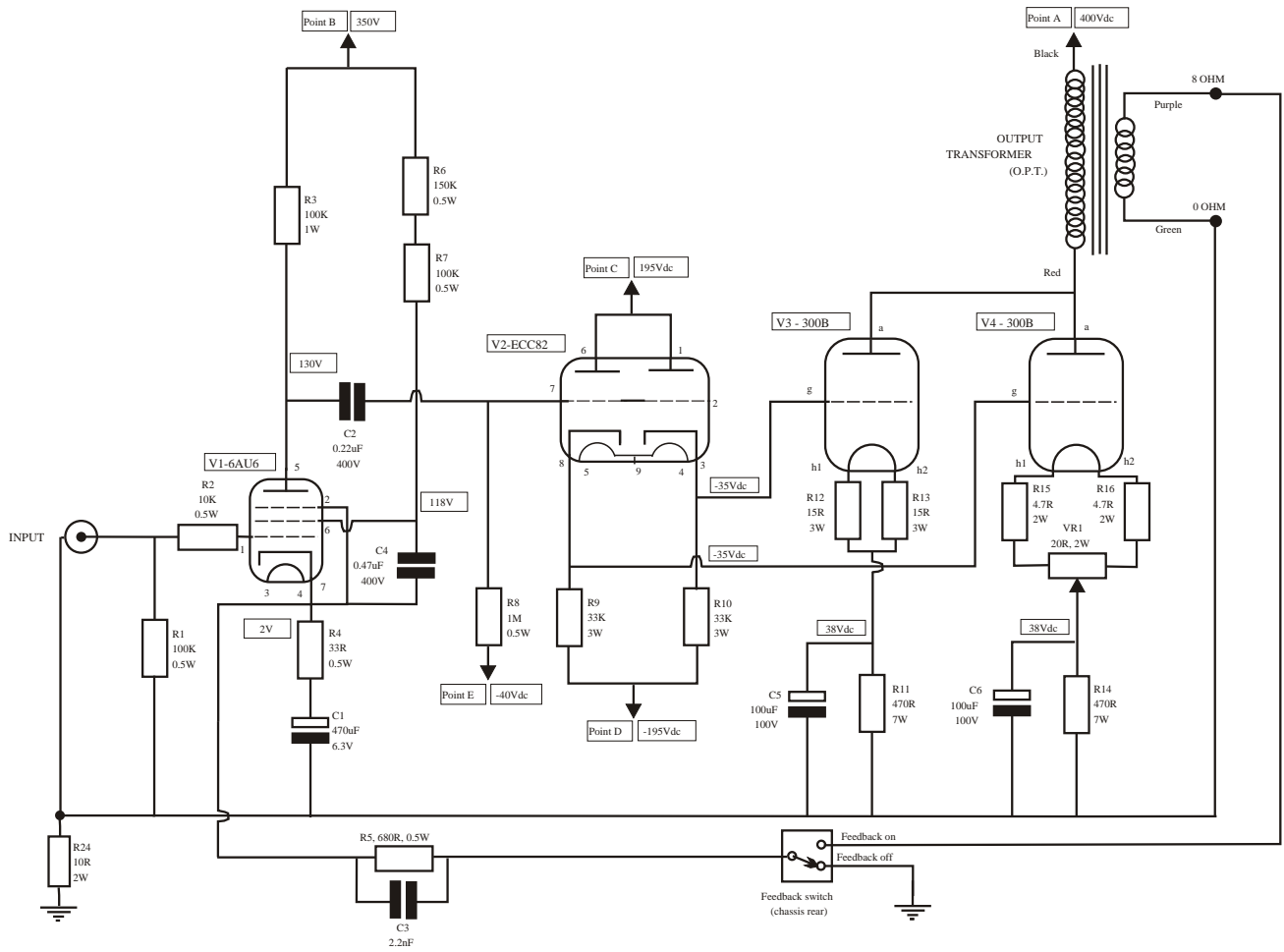


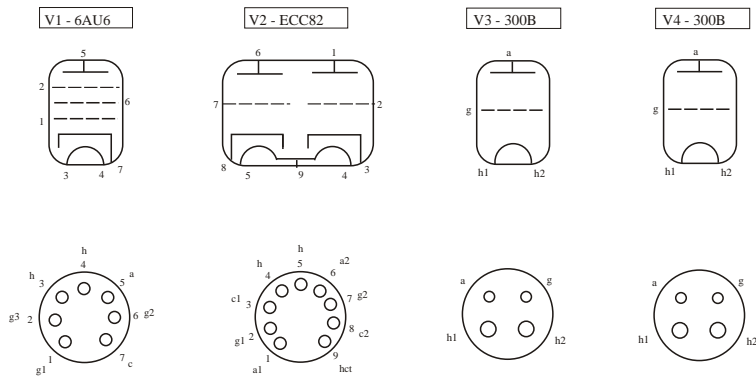
DIAGRAM ONLY

**300B PSE  
MONOBLOC  
INSTRUCTION  
MANUAL**

# 300B PSE MONOBLOC CIRCUIT DIAGRAM SIGNAL CIRCUIT



## VALVE PIN LAYOUT

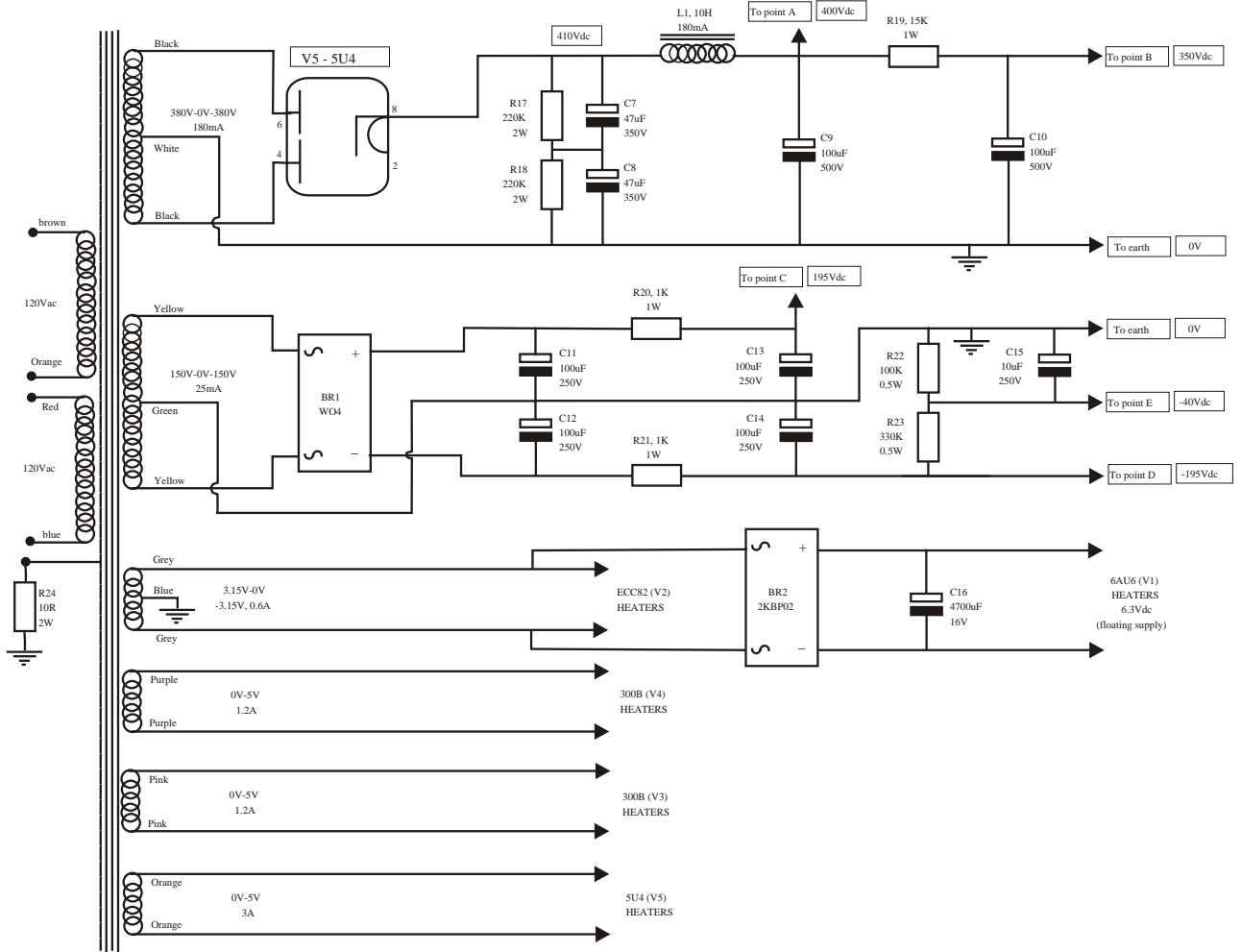


Views are from underneath valve or valve holder  
h, h1, h2 = heater hct = heater centre tap c = cathode a = anode g = grid nc = no connection

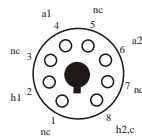
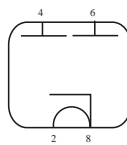
# 300B PSE MONOBLOC CIRCUIT DIAGRAM POWER SUPPLY CIRCUIT

For 230V/240V operation:  
join windings in series, join orange & red together & insulate. Brown is 230V/240V and blue is 0V.

For 110V/ 120V operation:  
join windings in parallel, join brown & red together, becoming 110V/120V & join blue & orange together, becoming 0V.



V5 - 5U4



Views are from underneath valve or valve holder  
h1, h2 = heater a = anode c = cathode nc = no connection

FIG.1 IEC MAINS INPUT SOCKET  
(REAR VIEW)

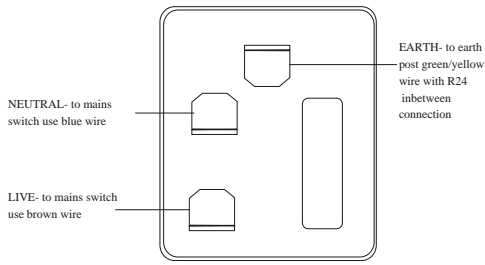


FIG. 2 SW1 MAINS ROTARY SWITCH  
(REAR VIEW) FOR 240V OPERATION

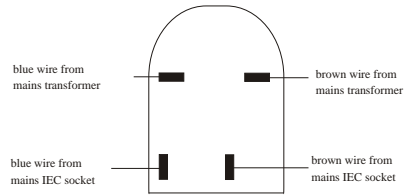


FIG. 3. SHOWS POLARITY MARKINGS FOR C9, C10

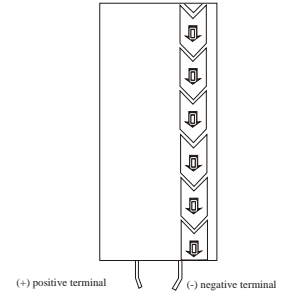


FIG. 4. SHOWS POLARITY MARKINGS FOR C1, C15, C16

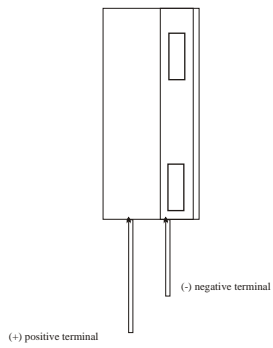


FIG. 5. SHOWS POLARITY MARKINGS FOR C5, C6, C7, C8, C11, C12, C13, C14

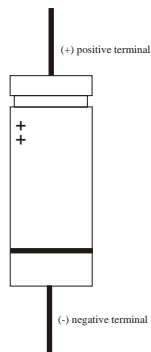


FIG. 6. Br1 WO4  
BRIDGE RECTIFIER

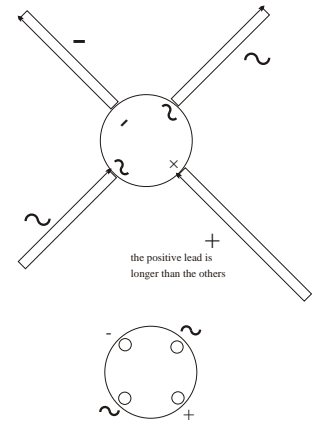


FIG. 7. Br2 2KBP02  
BRIDGE RECTIFIER

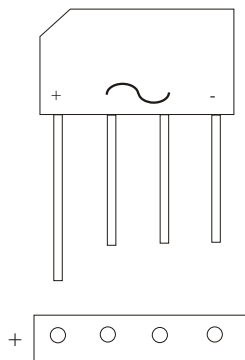


FIG.8. SHOWS THE WIRING POINTS  
OF THE FEEDBACK SWITCH

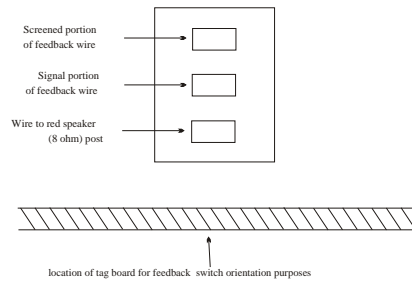


FIG.9. SHOWS THE WIRING POINTS  
OF THE HUMBUCKER POTENTIOMETER

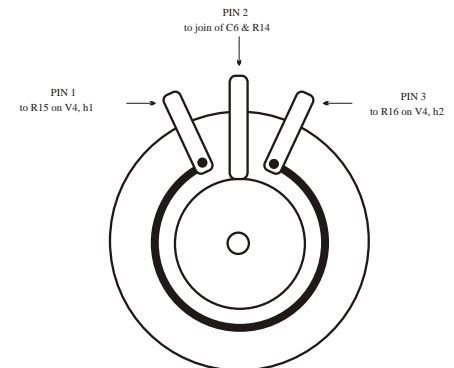


FIG. 10. EXPLODED VIEW OF HOW TO FIT THE PHONO SOCKETS

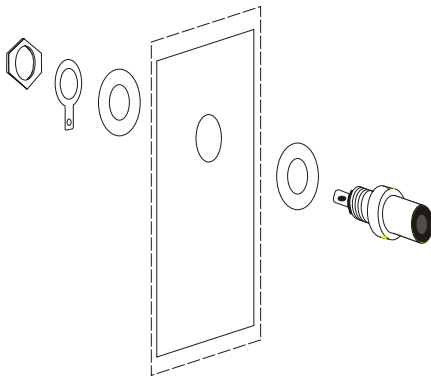


FIG. 11. VIEW OF HOW TO FIT THE MAINS & OUTPUT TRANSFORMER

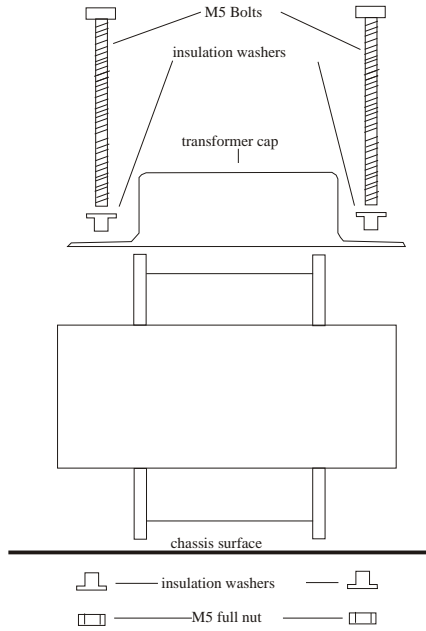


FIG. 12. EXPLODED VIEW OF HOW TO FIT THE SPEAKER POSTS

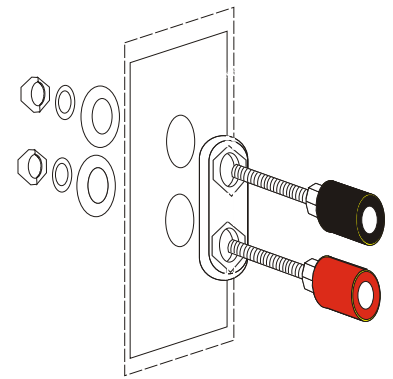
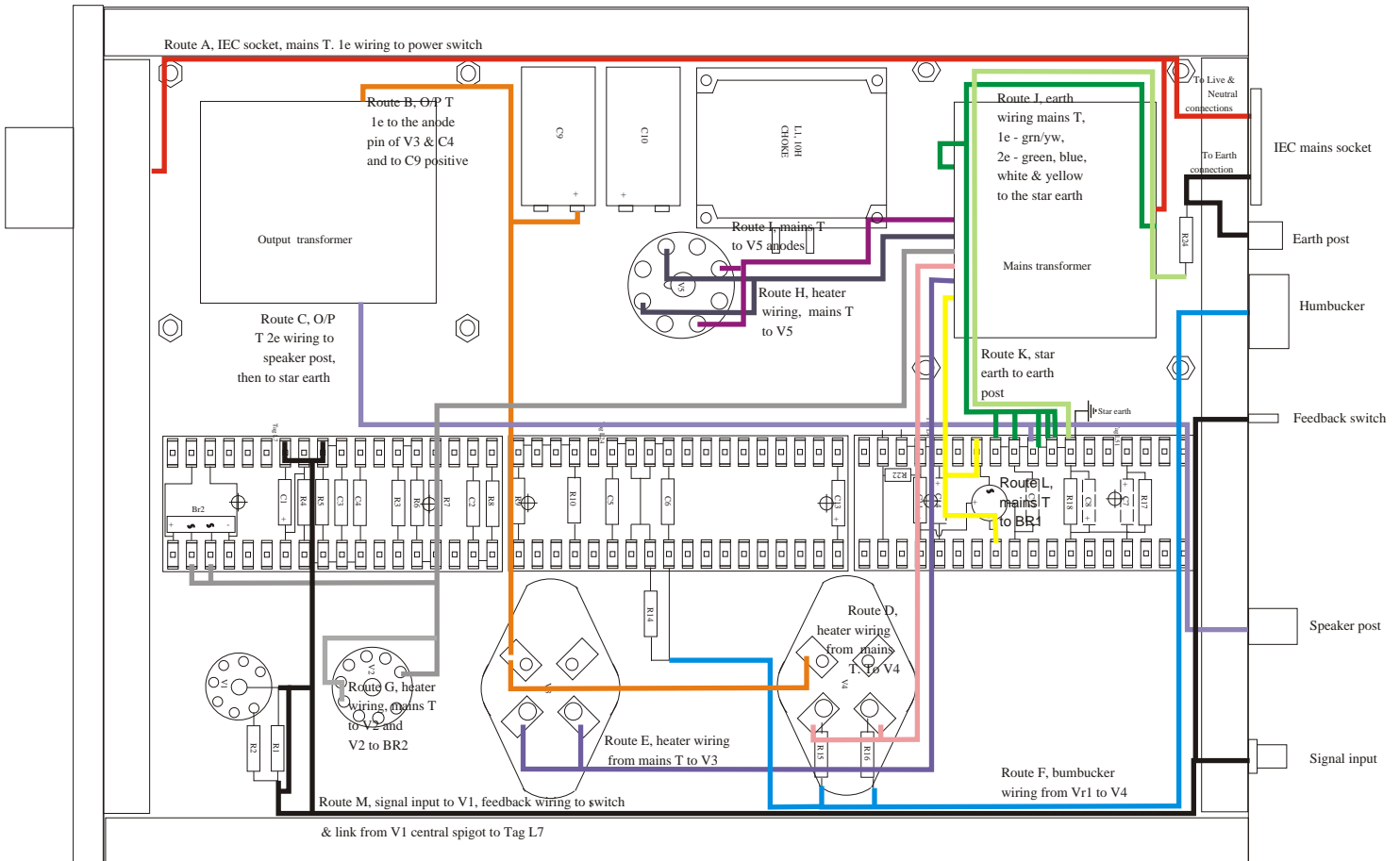


FIG. 13 DIAGRAM SHOWS THE WIRING ROUTES. PLEASE NOTE THAT THIS IS USED IN CONJUNCTION WITH PAGE 9 AS ALL NON-ESSENTIAL OFF TAG BOARD COMPONENTS AND LINKS HAVE BEEN REMOVED. IF LINKS ARE NOT RE-PRESENTED THEN THEY ARE TOO SMALL TO WARRANT CONSIDERATION AND YOU SHOULD TAKE THE DIRECT ROUTE. THE ROUTE COLOUR CODES DO NOT BEAR ANY RELATION TO THE WIRE COLOURS.

**KEY**

- Mains T. - mains transformer
- O/P T. - output transformer
- 1e - primary winding
- 2e - secondary winding
- grn - green
- yw - yellow
- component lies under tag board



## DIAGRAM SHOWS 300B PSE MONOBLOC TAG BOARD LAYOUT

