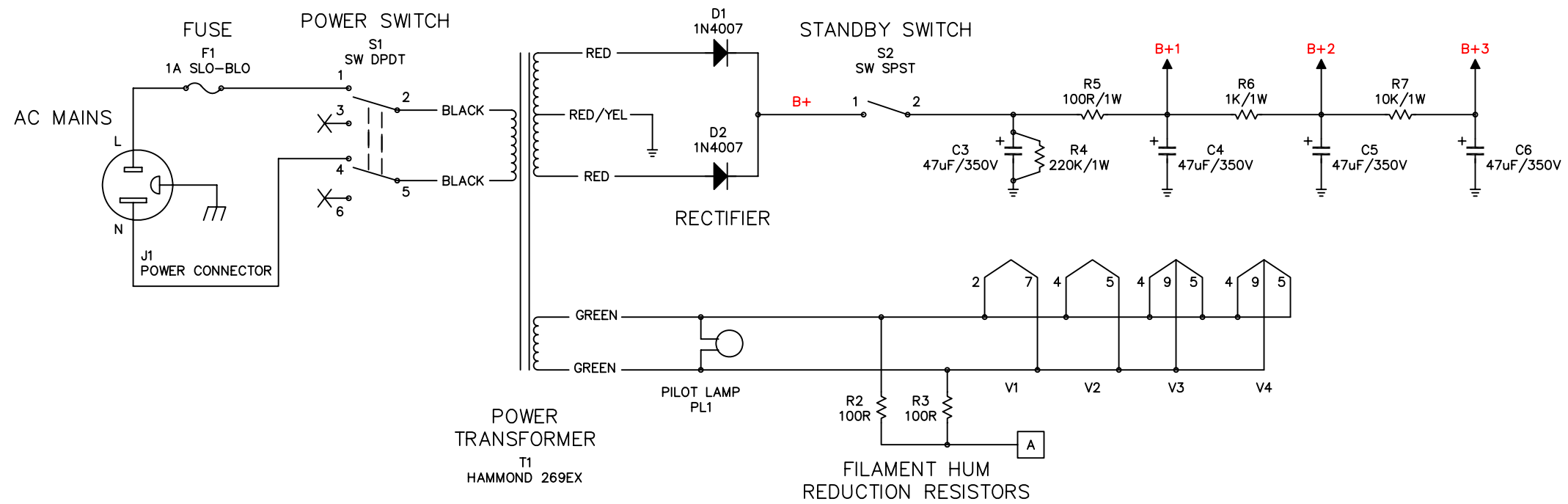
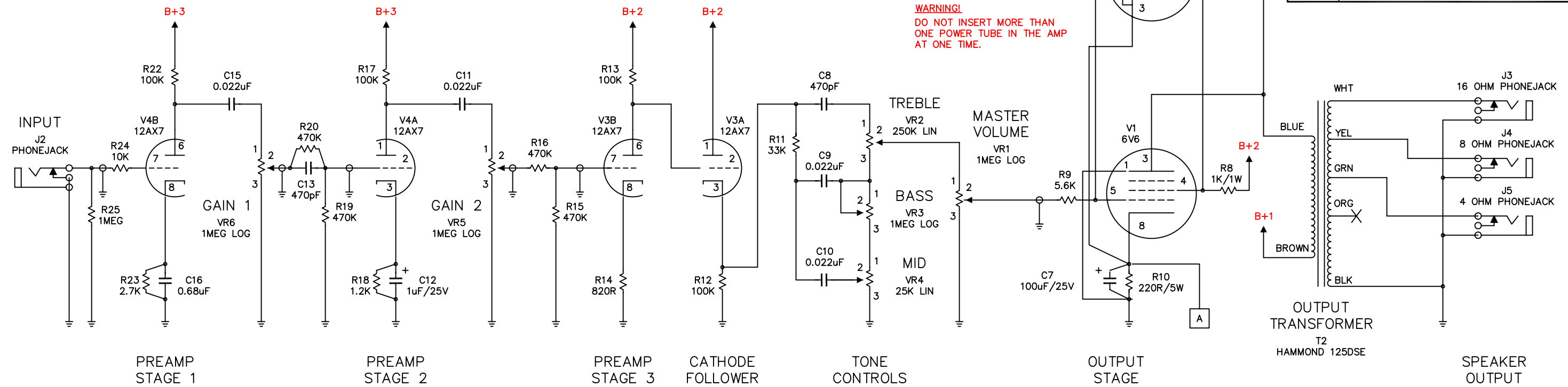
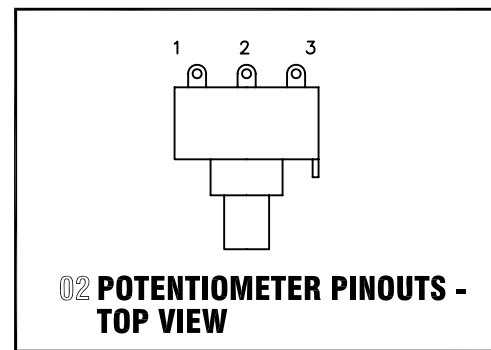
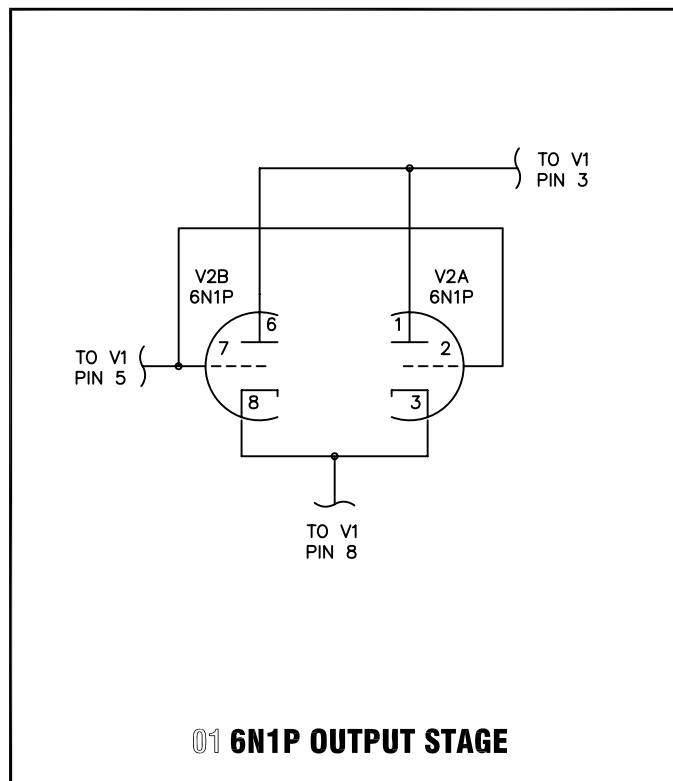


CAPACITOR, DIODE, RESISTOR, POT. AND TUBE NUMBERING NOTE:
 GAPS HAVE BEEN LEFT IN THE CAPACITOR, DIODE, RESISTOR, POTENTIOMETER, AND TUBE NUMBERING IN ORDER TO MAINTAIN CONSISTENCY BETWEEN THE P1, HIGH OCTANE, AND P1 EXTREME AMPS. A MISSING COMPONENT INDICATES THAT IT IS NOT USED ON THAT AMP, BUT IS USED ON ANOTHER.

Revision	Description
05.11.23	Vari-Bias Revisions Mute Switch Is Now An Option Revised Detail 01 R/C Numbers Revised Detail 04 R/C Numbers
06.02.23	Added Parallel Octal Output Stage Re-numbered Valves Modified Variable Bias Detail Modified Mute Switch Detail Modified 6N1P Output Detail Modified Filament Hookup For Octal Socket Changed R24 to 10K Tone Stack Wiring Correction Removed General Note 6



Revision	Description
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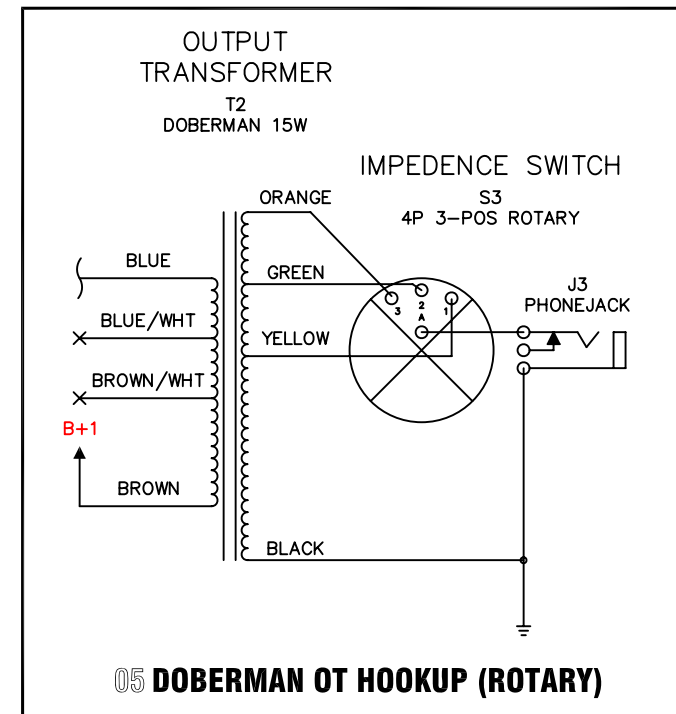
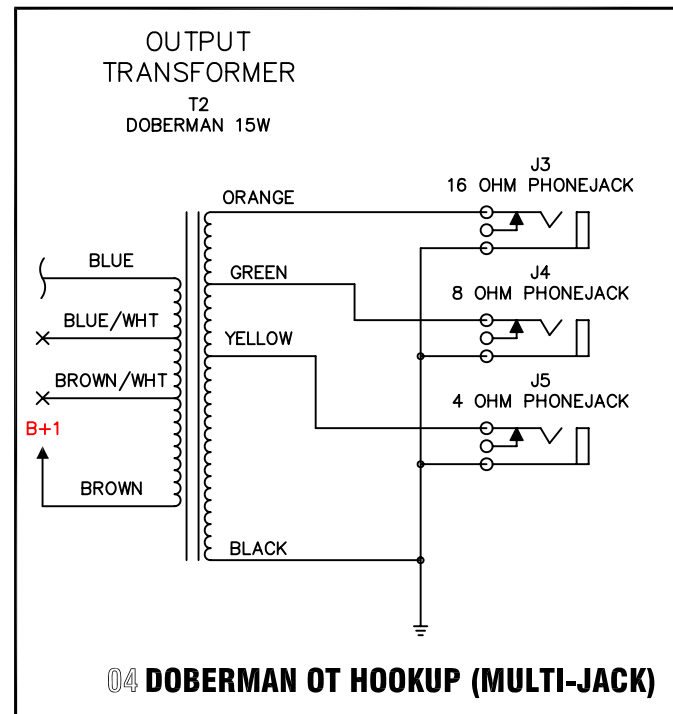
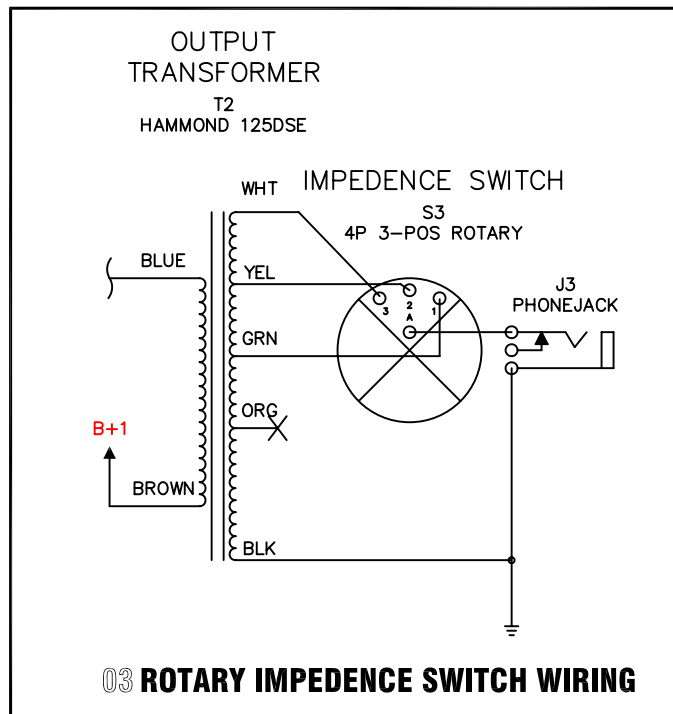


GENERAL NOTES:

- ALL RESISTORS 1/2W MINIMUM UNLESS OTHERWISE NOTED.
- ALL COUPLING CAPACITORS 250V OR GREATER.
- 47 μ F/350V ELECTROLYTIC POWER SUPPLY CAPACITOR VALUES/VOLTAGES ARE NOT CRITICAL. SUGGESTED VALUES: 20-50 μ F AT 350-500V.
- THE HAMMOND 269EX POWER TRANSFORMER IS USED IN THIS AMP. IT MAY BE REPLACED BY UNITS WITH THE FOLLOWING SPECIFICATIONS:

180-0-180V @ 65mA OR MORE SECONDARY B+ TAPS
6.3V @ 2.5A OR MORE FILAMENT TAPS
- THE HAMMOND 125DSE OUTPUT TRANSFORMER IS USED IN THIS AMP. IT MAY BE REPLACED BY UNITS WITH THE FOLLOWING SPECIFICATIONS:

SINGLE-ENDED OUTPUT
4000-5000 OHM PRIMARY IMPEDENCE
70mA OR MORE MAXIMUM D.C. BIAS
4, 8, AND 16 OHM SECONDARY TAPS



PROTOTYPE VOLTAGE READINGS										
Ref	Desc.	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	6V6GTA	N/A	Filament	261.1V	255.8V	N/A	N/A	Filament	11.63V	N/A
V2	12AX7	259.5V	144.4V	145.7	Filament	Filament	144.7V	N/A	0.928V	Filament
V3	12AX7	146.2V	N/A	1.136V	Filament	Filament	177.8V	N/A	1.735V	Filament
Mains = 124V		B+ = 273V		B+1 = 267V		B+2 = 259V		B+3 = 243V		

AS-BUILT VOLTAGE READINGS										
Ref	Desc.	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1										
V2					Filament	Filament				Filament
V3					Filament	Filament				Filament
Mains =		B+ =		B+1 =		B+2 =		B+3 =		

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