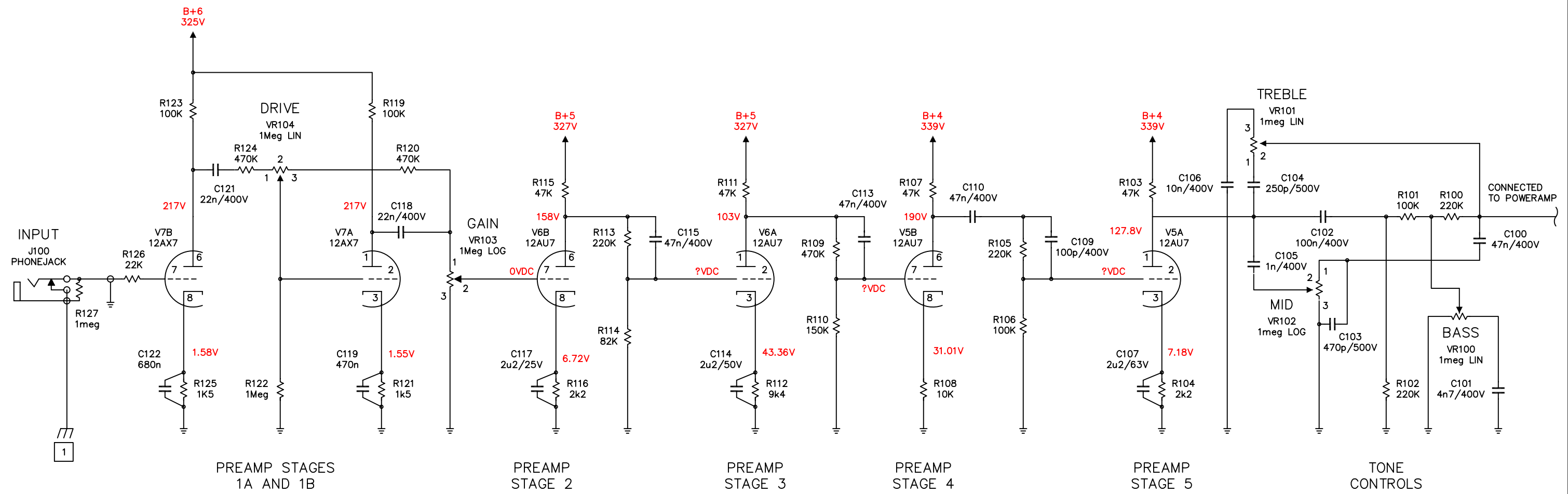


Revision	Description
07.08.30	Revised Stage 1A, 1B, And Blend Control Changed C110 To 22n Removed Bypass Caps From R105 And R109
07.09.17	Final Design Revisions
07.10.23	Removed C108, C111, C112 C116 Changed C115 To 22n And R121 To 2k3 Relocated and Changed Gain (VR103) Control Relocated and Changed C110 To 22n
07.11.26	Changed R121 From 100K To 470K Changed C118 And 121 To 22n From 2n2 Changed C115, 113, And 110 To 47n C109, Sparkle Cap, Is Optional Changed C121 (Jalapeno Tone Stack) To 100n

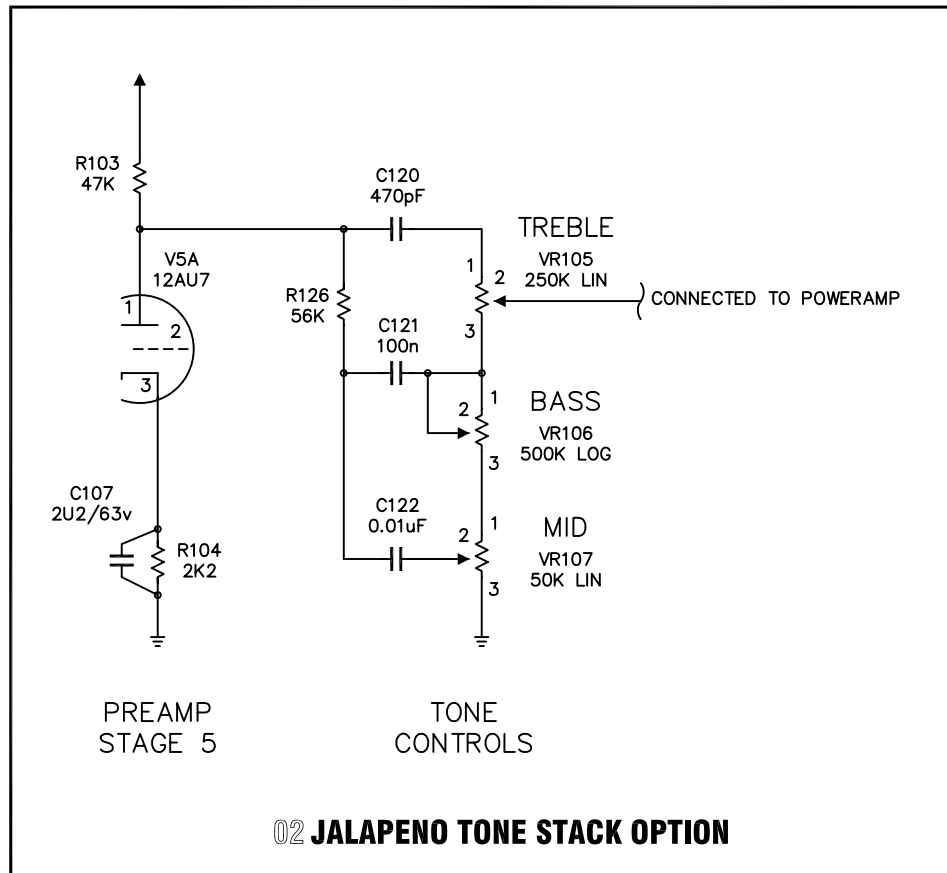
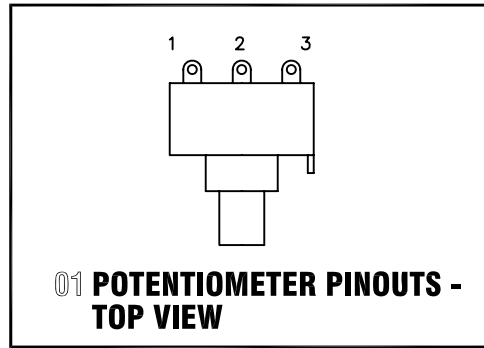
NOTE:
ALL VOLTAGE READINGS WE TAKEN WITH THE LEAD II PREAMP
CONNECTED TO A 50W CORE PUSH-PULL POWERAMP
EQUIPPED WITH KT66 OUTPUT TUBES.




R112 IS TWO 4K7
RESISTORS IN SERIES

C109 IS OPTIONAL, AND IS USED TO ADD
SPARKLE TO THE AMP.

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GENERAL NOTES:

1. ALL RESISTORS 1/2W MINIMUM UNLESS OTHERWISE NOTED.
2. ALL COUPLING CAPACITORS 400V OR GREATER.
3. THE  SYMBOL REPRESENTS SHIELDED CABLE.
4. NOT ALL COMPONENTS ARE USED WITH ALL AMPS. THIS RESULTS IN COMPONENT NUMBERING GAPS AND IS NORMAL.
5. SOME MODIFICATIONS TO THE POWERAMP ARE RECOMMENDED IF A 7-STRING OR BARITONE GUITAR ARE TO BE USED WITH THIS PREAMP. THE MINIMUM VALUE FOR THE FIRST POWER SUPPLY FILTER CAPACITOR SHOULD BE 100uF.

VOLTAGE READING NOTES:

1. DIFFERENT TUBES DRAW DIFFERENT AMOUNTS OF CURRENT, NO TWO ARE ALIKE UNLESS THEY ARE MATCHED. THE AMOUNT OF CURRENT DRAWN BY ALL THE TUBES IN THE AMP WILL AFFECT VOLTAGE READINGS THROUGHOUT THE AMP.
2. PREAMP VOLTAGE READINGS ARE THOSE THAT CAN BE EXPECTED WHEN USING THE DEFAULT POWER TUBE SHOWN ON THE POWER-AMP SCHEMATICS. USE OF OTHER TUBES WILL AFFECT YOUR READINGS.

CONSTRUCTION NOTES:

- 1 THIS IS A GROUND CONNECTION TO THE CHASSIS. THE MAINS SAFETY CONNECTION SHOULD BE MADE AS CLOSE AS POSSIBLE TO THE POINT WHERE AC ENTERS THE CHASSIS. THE CIRCUIT CONNECTION SHOULD BE MADE AS CLOSE AS POSSIBLE TO THE INPUT JACK. IDEALLY, THE JACK ITSELF SHOULD BE USED AS THE CONNECTION POINT BY NOT ISOLATING IT FROM THE CHASSIS.