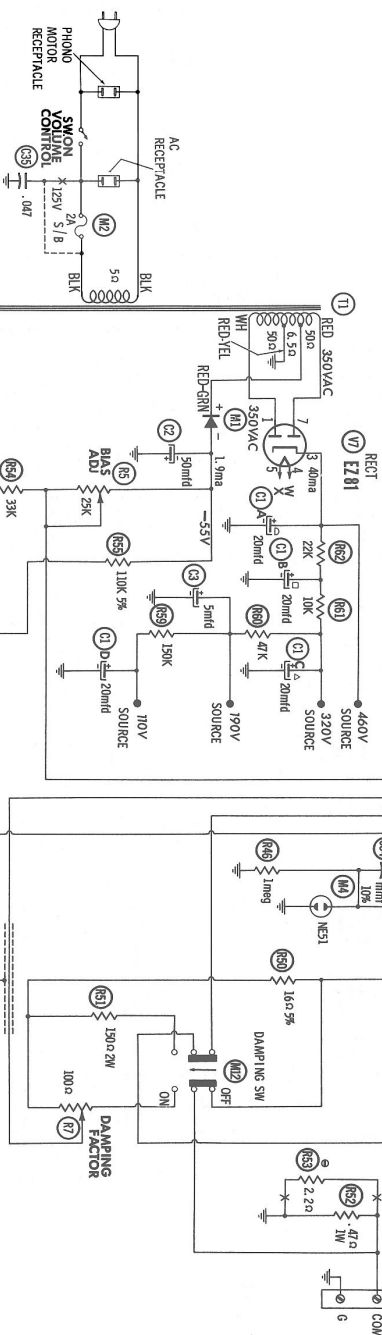
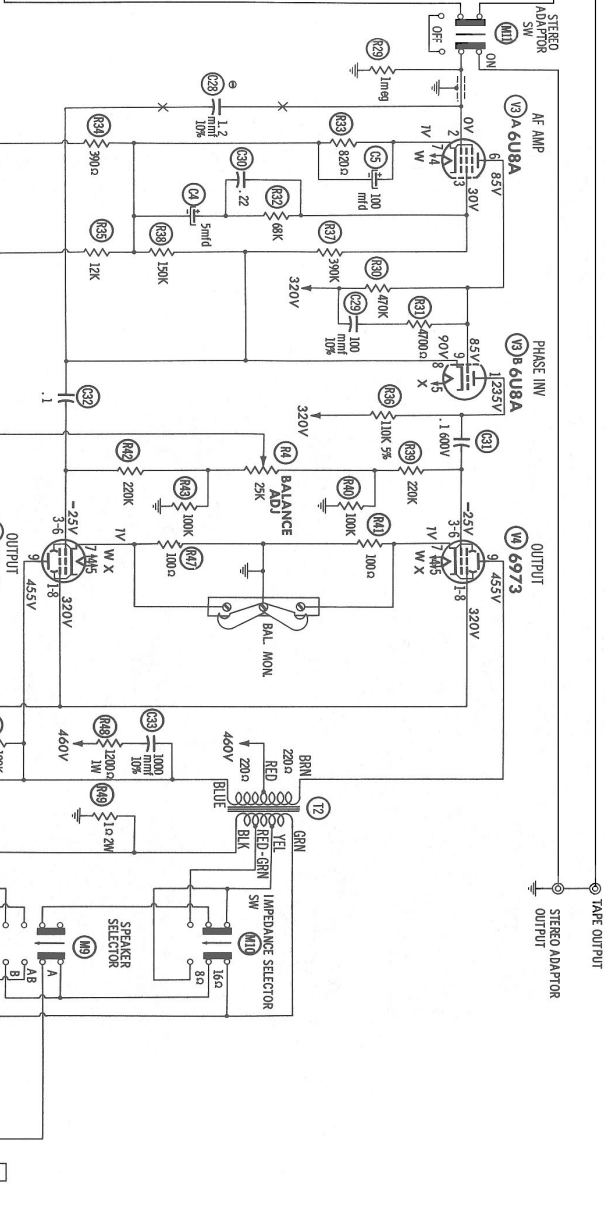




BOGEN DB125



OUTPUT STAGE BALANCING

1. Turn Bias Adj. and Bal. Adj. controls fully clockwise.
2. Remove the two shorting straps from the Bal. Mon. terminal strip on the chassis. Connect the positive lead of an accurate low range DC voltmeter to terminal #1 on the Bal. Mon. strip. Connect negative lead to terminal 2.
3. Adjust the Bias. Adj. for 1.5V on the meter.
4. Transfer the negative lead of the meter from terminal 2 to terminal 3 and adjust the Bal. Adj. for zero volts.
5. Transfer the negative lead of meter from terminal 3 back to terminal 2 and adjust the Bias Adj. again if necessary for 1.5V on meter.
6. Repeat steps 4 and 5 until a voltage of 1.5V is obtained between terminals 1 and 2 and zero volts between 1 and 3. Replace shorting straps on Bal. Mon. Strip.

DAMPING FACTOR ADJUSTMENT

1. Turn the Volume and Damping Factor controls fully counterclockwise.
2. Turn the DF switch to the "ON" position.
3. Turn the Damping Factor clockwise slowly until the damping indicator bulb flashes. (CAUTION: Do not allow the speaker to oscillate more than a moment.
4. Slowly rotate the damping control counterclockwise until the damping indicator light stops flashing.

If two speakers are used, make the above adjustment with the speaker selector switch in the AB position so that both speakers will be connected. It is normal for the damping indicator light to flicker while a signal is being fed to the amplifier.