

Differences in Silvertone 1472 and 1482 Circuits

I did a little more ground work in prep for bklynboy doing the 1482 layout. I went over both 1472 and 1482 schematics and then compared the differences. I also looked at my 1482 circuit to verify the differences found on the schematics and the values of components in place on my amp. This is what I found:

1-Power Tube cathode bypass cap and cathode resistor:

a-Cathode Bypass Cap-The 1472 schematic shows 10uf and 1482 shows 22uF. I checked my amp and it had a 25uf/25V in place.

b-Cathode Resistor-The 1472 schematic shows 220 Ohm/5 watt and 1482 shows 270 Ohm/5 watt. My 1482 has a 270 Ohm/5 watt in place.

2-In the Tremolo circuit:

a-R26 is 2 Meg on the 1472 schematic and on the 1482 is 2.2 Meg. I checked my circuit and it was 2.2 Meg in place.

b-C14 is .05 uF on 1472 Schematic and on 1482 shows .047 uF. I checked my circuit and was .05 uF in place.

3-Power Supply/Power Transformer:

a-2nd Power Node Resistor-R35 on 1472 schematic is 15K and on 1482 is 27K. I checked my circuit and it is a 27K in place.

b- 1472 had an artificial center tap Heater Grounding-with R37 and R38 68 Ohm resistors to ground.

c-1482 has dedicated Center tap Ground-The 1482 schematic has a red/yellow heater ground. I checked my circuit and the heater red/yellow ground is present.

d-If you look at the view with PT, the green wire to the Cap Can ground is the main PT ground and the red/yellow wire running to another Can Cap Ground is the heater ground wire. Of course the other orange wire over the top of the red/yellow heater ground is screen voltage after the first 2.2K power node resistor.

THIS WELCOME ANYONE TO DOUBLE CHECK BEHIND ME AND SEE IF YOU SEE ANYTHING ELSE. PLATEFIRE