remove cr2 and cr4 only from that point to weld pins together with a cable for a power resistor adjustable 500 ohms 100w or 225w in series with the board

change R5 for an MAR100C transformer choke

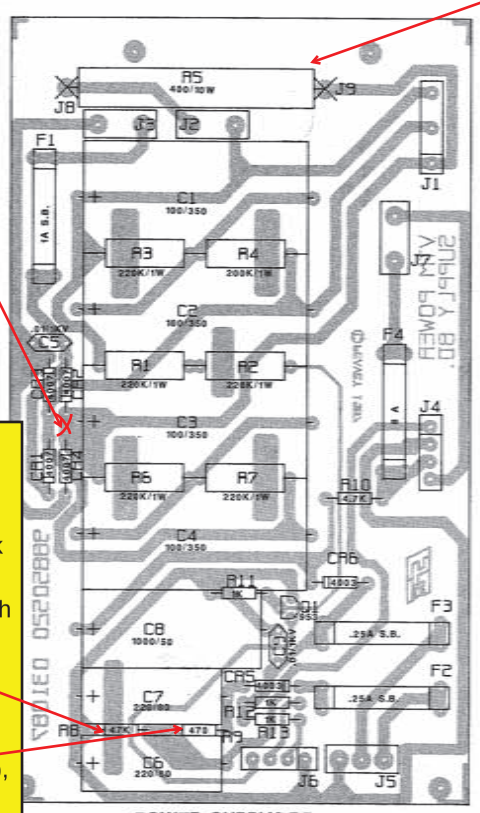
X are what i cut, and lines are what i jumped. for the board i use flat screw driver to remove varnish, after i cut and remove copper with exacto. remove about 1cm copper and clean board.

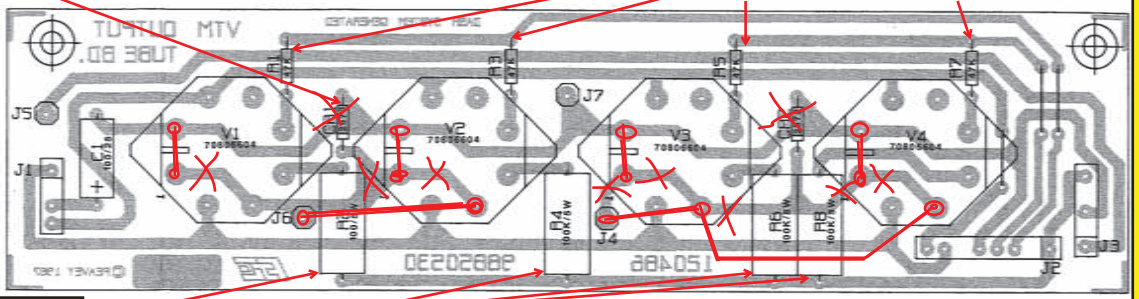
if dont remove cr1,cr2 be sure they're not grounded

R1,R3,R5,R7 weld a 2,2k in parallel each

important: take care when changing tubes for new set, run one by one more than 10 minutes each new before changing all the set, or preamp tubes and fuse of the 6v (filament) will blow.

use that type of holes on chassis top side to fix choke and power resistor.



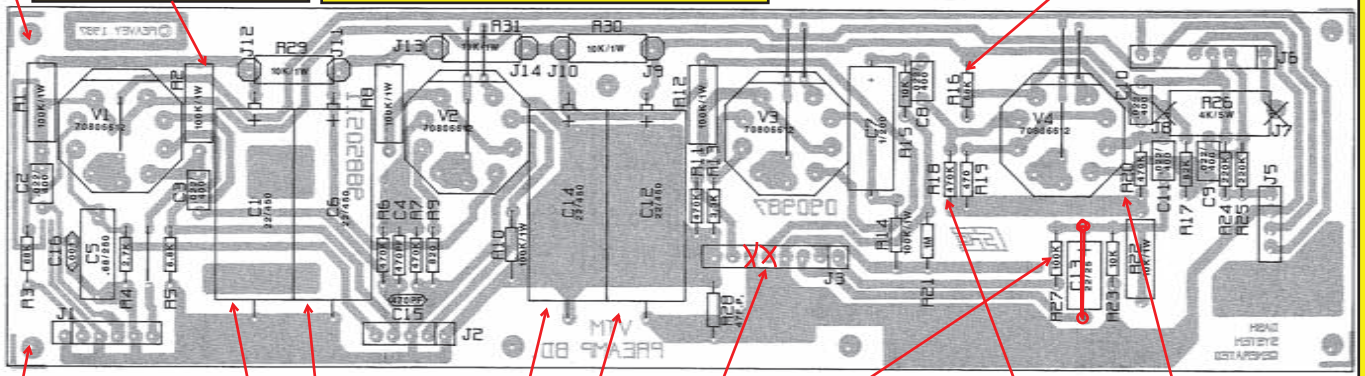


R2, 220k or 330k for brown sound high disto.

R2, R4, R6, R8 changed 100 ohms to 1k

R16 is change 68k to 100k

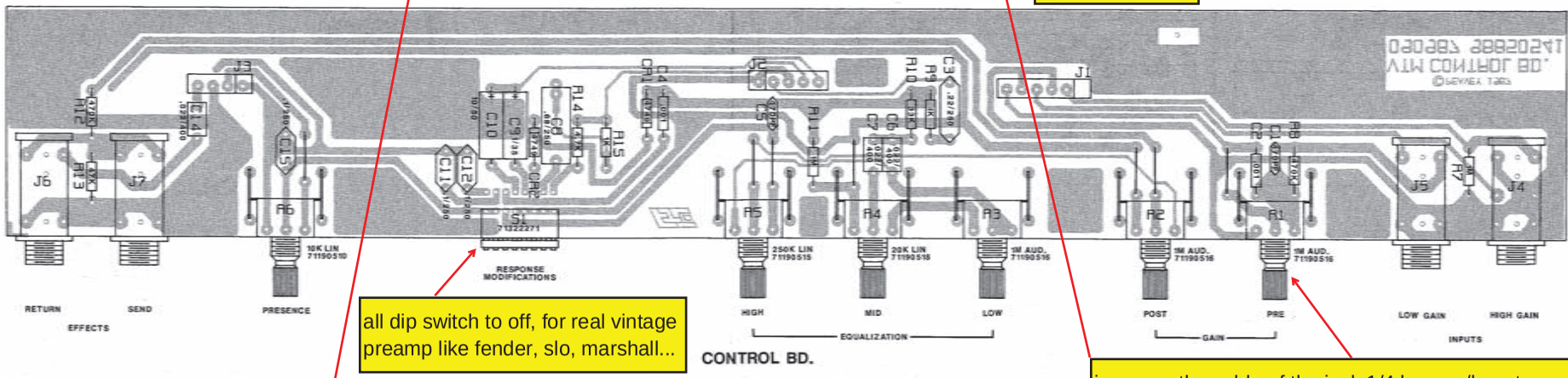
R8 change to 33k in series with an adjustable 50k ohms, and R9 is in series with an adjustable 20k ohms (to get more control like an hotrod deluxe), they are fixed to the board with hot glue.



C1,C6,C12,C14 changed to 47uf each

R27, 100k or 47k, C13 bypass

R18, R20 change 470k to 1M each



now the amp is little less watts than before, but enough powerfull ! :D

all dip switch to off, for real vintage preamp like fender, slo, marshall...

dont forget to use it with a THD hotplate to get the best performance of the power tubes without became deaf... or having problems with neighbors.

be sure to keep far enough power resistor, choke and their cables from the tubes, i use the hole of the supply transformer cables to enter this new cables in chassis.

i remove the cable of the jack 1/4 bypass/booster and replace for a stereo jack, with cable weld in parallel with R1 PRE to get control with an external pedal volume or 10k, and/or 100k switched in a mod a/b switch easier than others channels and switching...