

No Warranty: This kit and the instructions included do not include any warranty of any kind. The modifications to your amplifier are at your own risk and you agree to completely hold harmless the seller of this kit against any and all claims. Tube amplifiers contain parts that operate at very high temperatures and deadly voltages. If you are not sure of your abilities to perform these modifications then do not perform them.

Required Tools/Supplies:

- Temperature Controlled Soldering Iron and Solder
- Solder Sucker and or de-soldering braid
- Multi-Meter Capable of reading 500V DC
- Phillips Screwdriver
- Pliers with insulated handle
- Wire Cutters
- Safety Goggles
- Alligator Leads

Optional Tools/Supplies:

- Silicone glue.
- 9/16" nut driver or socket wrench.
- 1/2" nut driver or socket wrench.
- Fine point Sharpie or similar permanent marker.
- Masking Tape

Skills required:

- Basic soldering skills .
- Basic knowledge of electronics.
- The Ability to follow instructions.

INCLUDED IN THIS KIT ARE ALL THE FOLLOWING PARTS:

VALUE	TYPE	QTY
22uf/500v	AXIAL	3
100uf/450v	AXIAL	2
100uf/100v	AXIAL	1
22uf/50v	AXIAL	7
5w Resistor	AXIAL	1

NOTE: Capacitor voltage values may vary some from that specified.

Caution! Drain the filter caps!

The filter caps on your amp may be drained already but you must follow these steps to insure that any deadly voltage is removed from the amp before you begin work.

1. Before disassembling the amp, turn it on and let it warm up until you can play through it.
2. Make sure the amp is not in standby.
3. Turn the amp off without putting it in standby. The warmed tubes will pull voltage out of the capacitors as they cool.
4. Unplug the amp from the wall.

Disassemble the amp

1. Remove the back plate, unplug the speaker, reverb, and footswitch cables from the back of the amp chassis.
2. If you don't have an amp repair stand, remove the tubes, noting each tube's location.
3. Unscrew the P shaped bracket holding the power cord inside the cab. I usually take the bracket off the cord and screw it back into the same hole so I don't lose it while I work on the amp.
4. Unscrew and remove the chassis straps from the top of the cab.
5. Slide the chassis back and out.
6. Test the voltage across the filter caps. Set your multi meter to DC and measure the voltage at the location circled in red on the diagram for your amp, using the chassis as ground. If the voltage reads higher than 10 volts, drain the caps further by clipping one end of an alligator clip jumper to the chassis (ground), the other end to one lead of the *included 5W Resistor* and then touching the other lead of that resistor it to the circled spot to safely drain the voltage from the circuit. Then, measure again to make sure the voltage has drained and the amp is safe to work on.

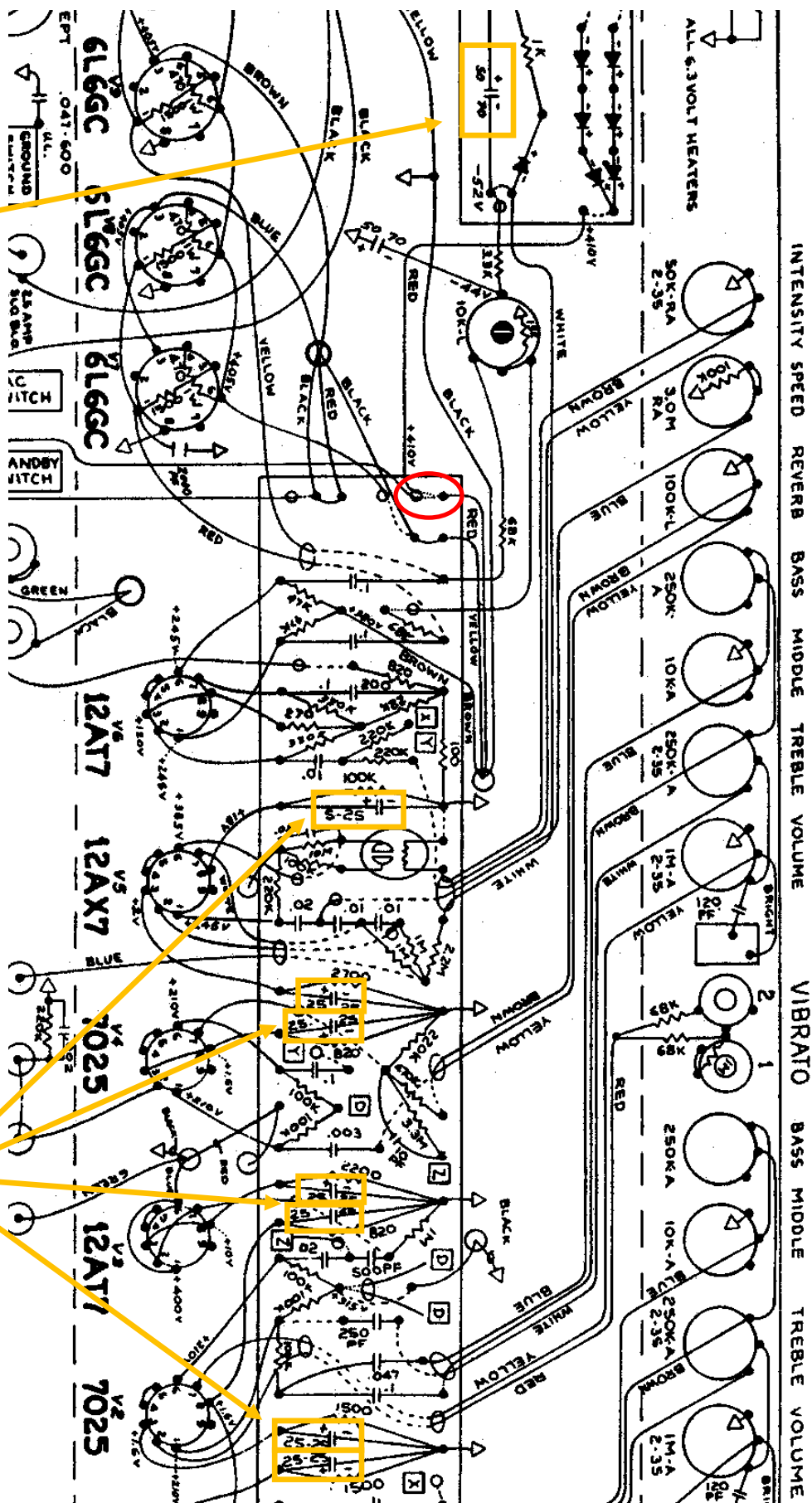
Installing the Kit

1. Flip the chassis upside down, remove the rectangular cover to reveal the filter-cap bank.
2. Replace capacitors with the F&T capacitors from the kit. Use the 100uf/450v for the 70uf caps and use the 22uf/500v for the 20uf caps. Make sure to mind the polarity of the original capacitors.
3. Replace the cover, flip the amp over, and follow the diagram for your amp found on the following pages, replacing the marked capacitors with the listed capacitors.

FENDER MODEL

"TWIN REVERB-AMP AA270" LAYOUT

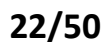
NOTICE
VOLTAGES READ TO GROUND WITH V.T.V.M



100/100

22/50

NOTICE
VOLTAGES READ TO GROUND WITH V.T.V.M.



ENDER MODEL

"TWIN REVERB-AMP AB 763" LAYOUT

C-ED

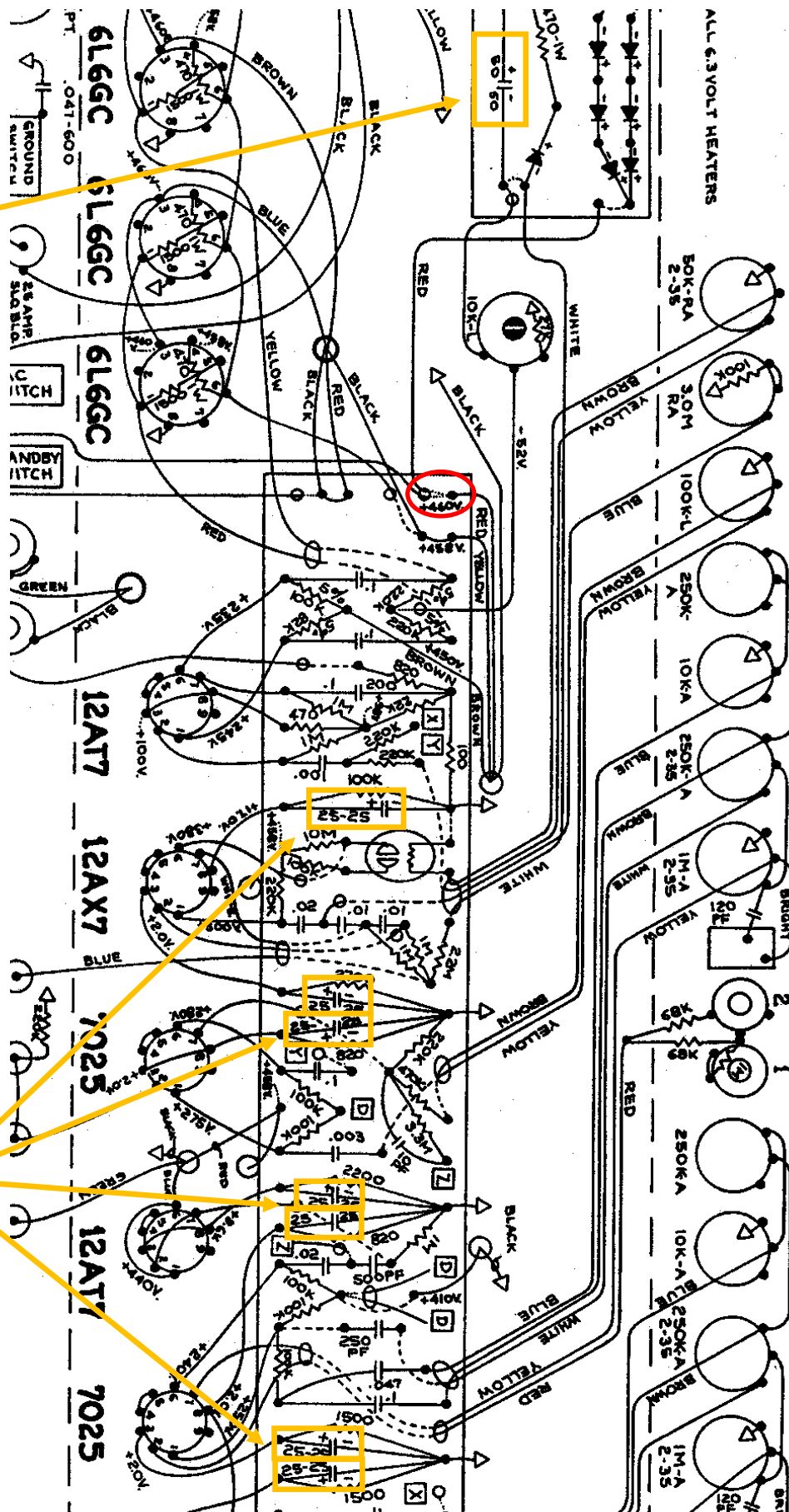
INTENSITY	SPEED	REVERB	BASS	MIDDLE	TREBLE	VOLUME
100	100	100	100	100	100	100
90	90	90	90	90	90	90
80	80	80	80	80	80	80
70	70	70	70	70	70	70
60	60	60	60	60	60	60
50	50	50	50	50	50	50
40	40	40	40	40	40	40
30	30	30	30	30	30	30
20	20	20	20	20	20	20
10	10	10	10	10	10	10
0	0	0	0	0	0	0

VIBRATO

BASS MIDDLE TREBLE VOLUME

VOLTAGES READ TO GROUND WITH ELECT VOLT-METER VALUES SHOWN + OR - 20%.

NOTICE



100/100

22/50

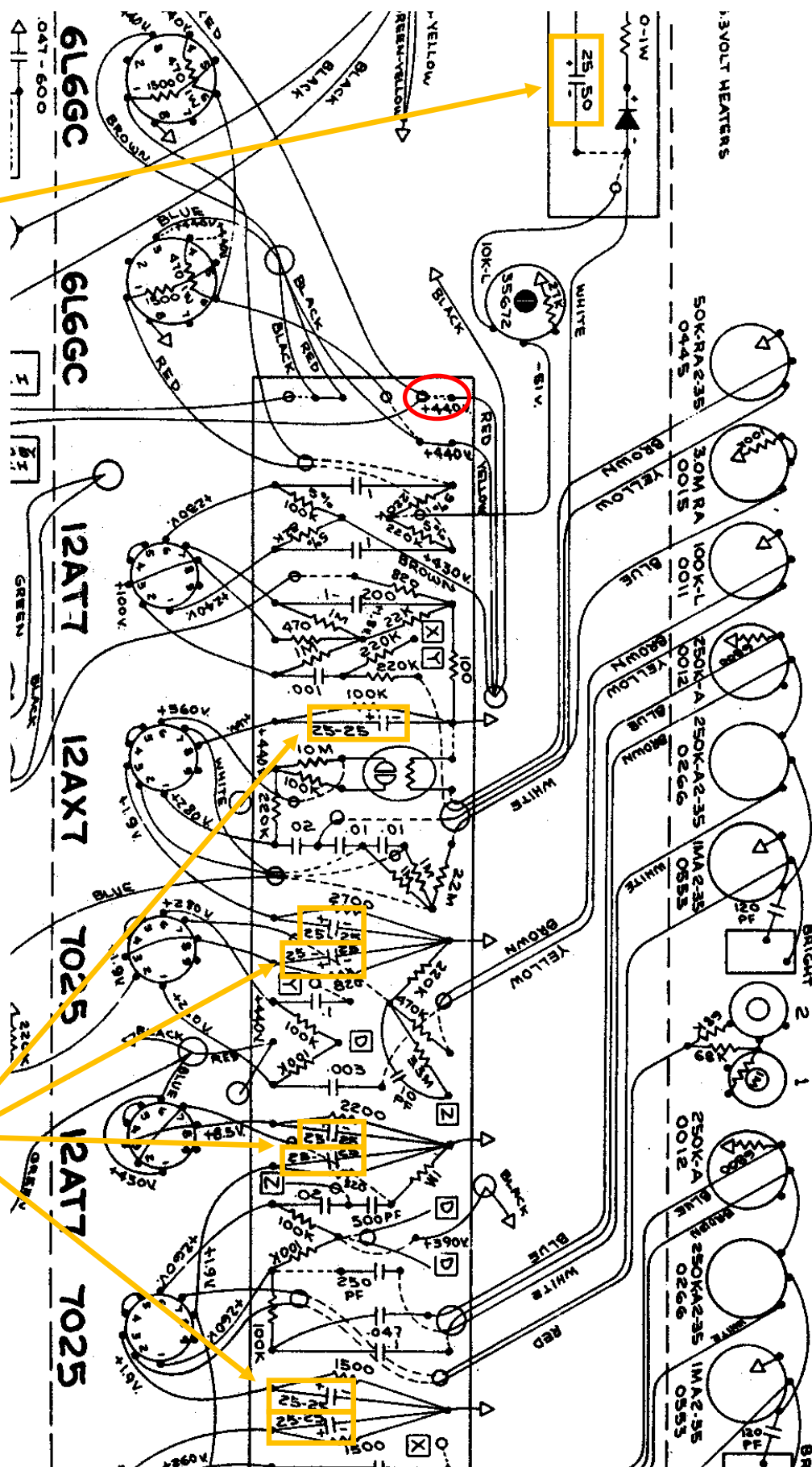
PRO-REVERB-AMP AA165" LAYOUT

D-FE

NOTICE

VOLTAGES READ TO GROUND WITH ELECT
VOLTMETER VALUES SHOWN + OR - 20%

INTENSITY SPEED REVERB BASS TREBLE VOLUME VIBRATO BASS TREBLE VOLUME



100/100

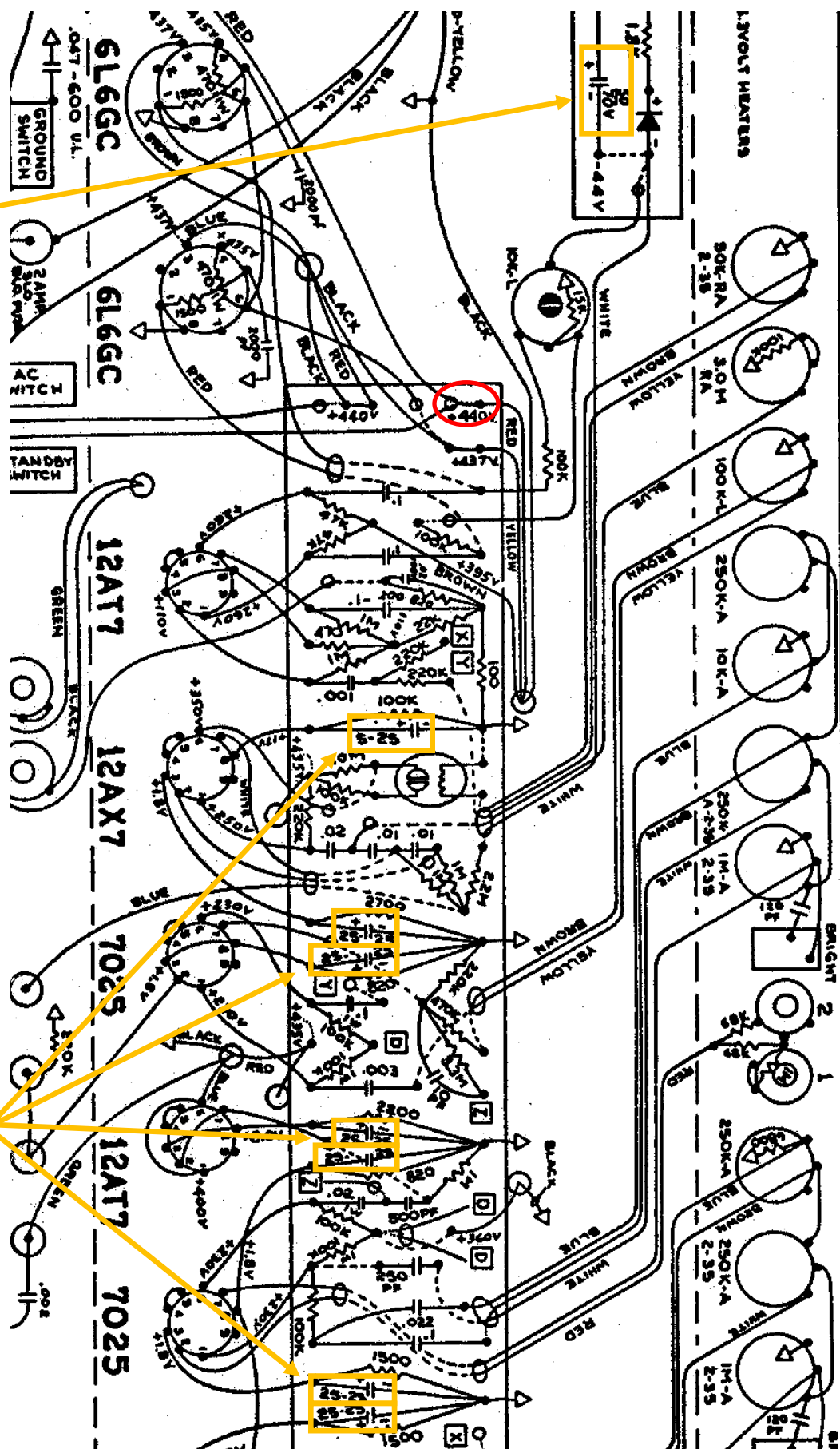
22/50

"PRO REVERB-AMP AA1069" LAYOUT

NOTICE

VOLTAGES READ TO GROUND WITH ELECTRIC VOLTAGE METER WITH VIBRATO GROUNDING, NO INPUT SIGNAL.

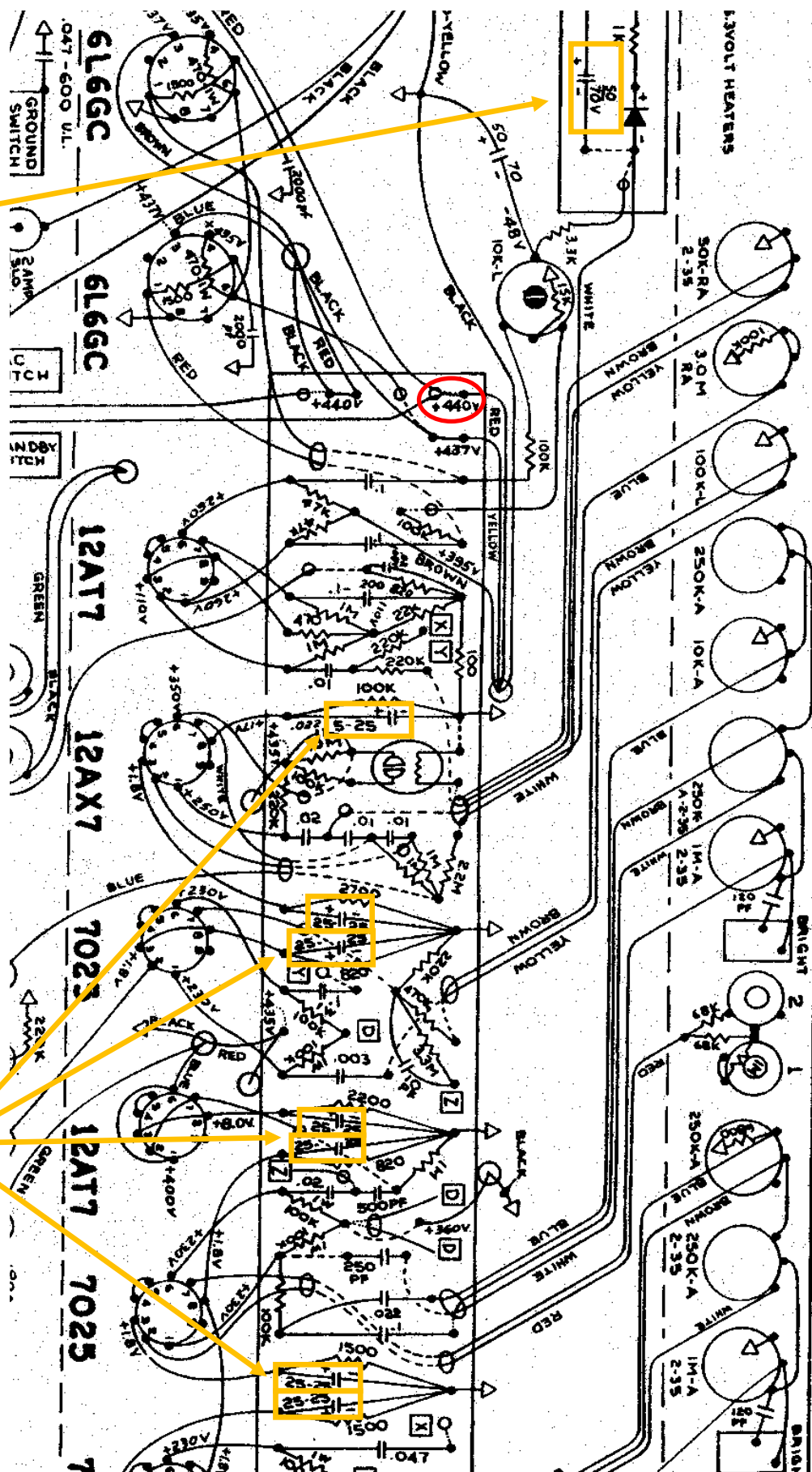
INTENSITY SPEED REVERB BASS MIDDLE TREBLE VOLUME VIBRATO BASS TREBLE VOLUME



“SUPER REVERB-AMP AA270” LAYOUT

INTENSITY SPEED REVERB BASS MIDDLE TREBLE VOLUME VIBRATO BASS TREBLE VOLUME

NOTICE
VOLTAGES READ TO GROUND WITH ELECTRIC
VOLUME METER WITH NO INPUT SIGNAL.
VIBRATO GROUND, NO INPUT SIGNAL.

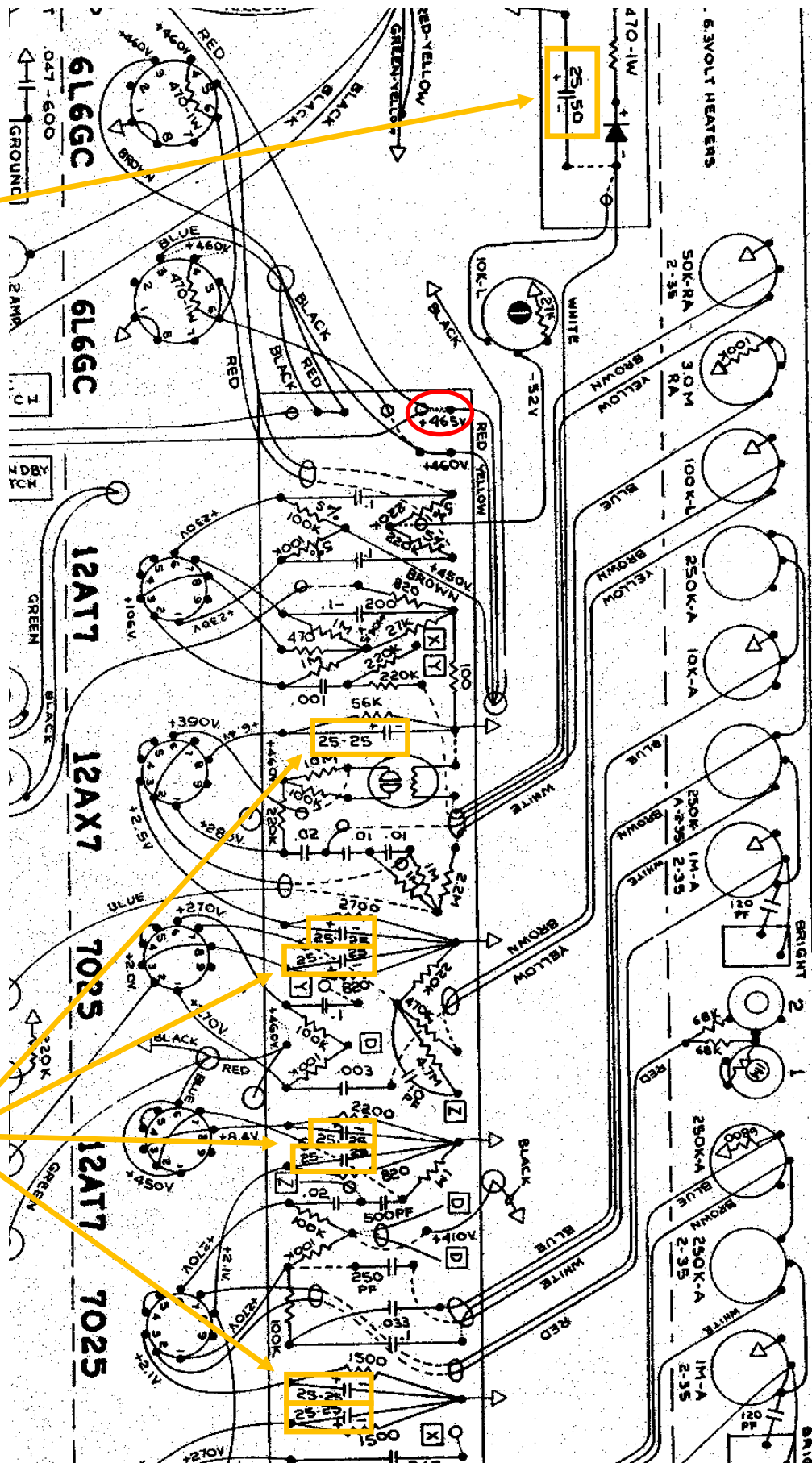


ER "SUPER REVERB-AMP AA763" LAYOUT

K-FC

INTENSITY SPEED REVERB BASS MIDDLE TREBLE VOLUME VIBRATO BASS TREBLE VOLUME

NOTICE
VOLTAGES READ TO GROUND WITH ELECTRIC
VOLT-METER VALUES SHOWN +OR - 20%.



100/100

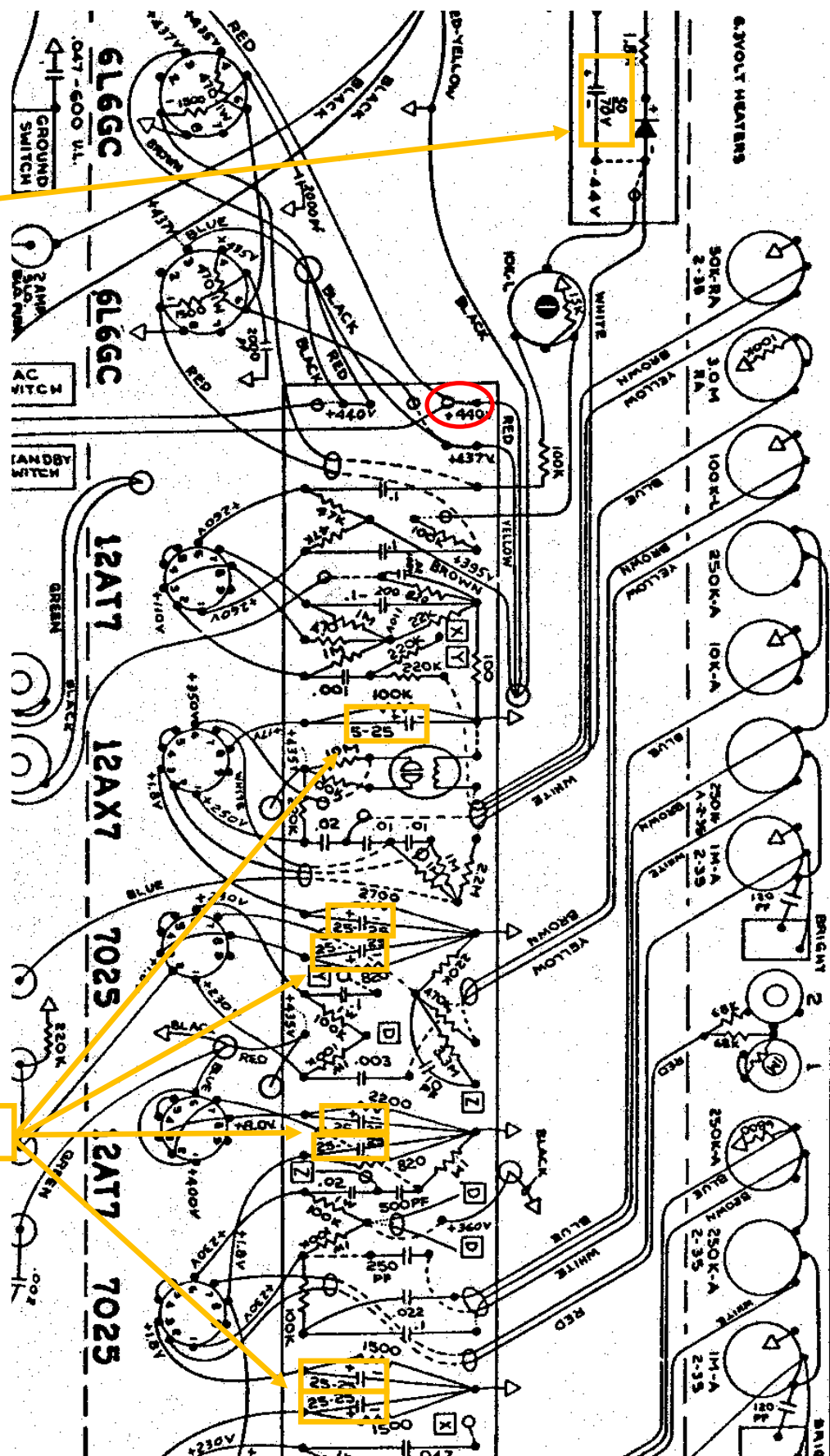
22/50

ER "SUPER REVERB-AMP AAI069" LAYOUT

NOTICE

VOLTAGES READ TO GROUND WITH ELECTRIC
VOLT-METER WITH
VIBRATO-GROUNDED, NO INPUT SIGNAL.

INTENSITY SPEED REVERB BASS MIDDLE TREBLE VOLUME VIBRATO BASS TREBLE VOLUME



100/100

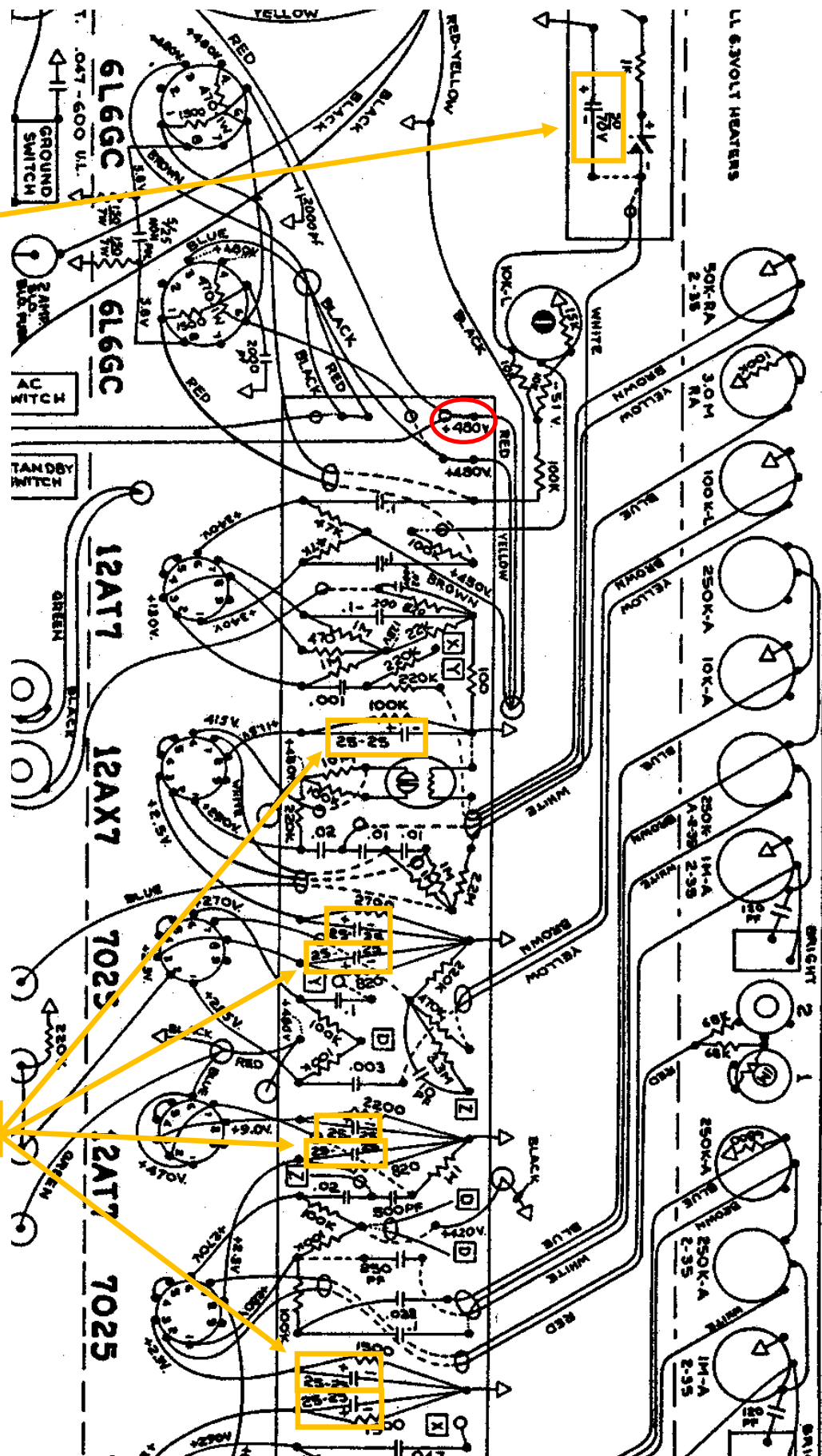
22/50

EL "SUPER REVERB-AMP AB 568" LAYOUT

NOTICE

VOLTAGES READ TO GROUND WITH ELECTRIC
VOLT-METER VALUES SHOWN FOR - 20%
VIBRATO - GROUNDING NO INPUT SIGNAL

INTENSITY SPEED REVERB BASS MIDDLE TREBLE VOLUME VIBRATO BASS TREBLE VOLUME



100/100

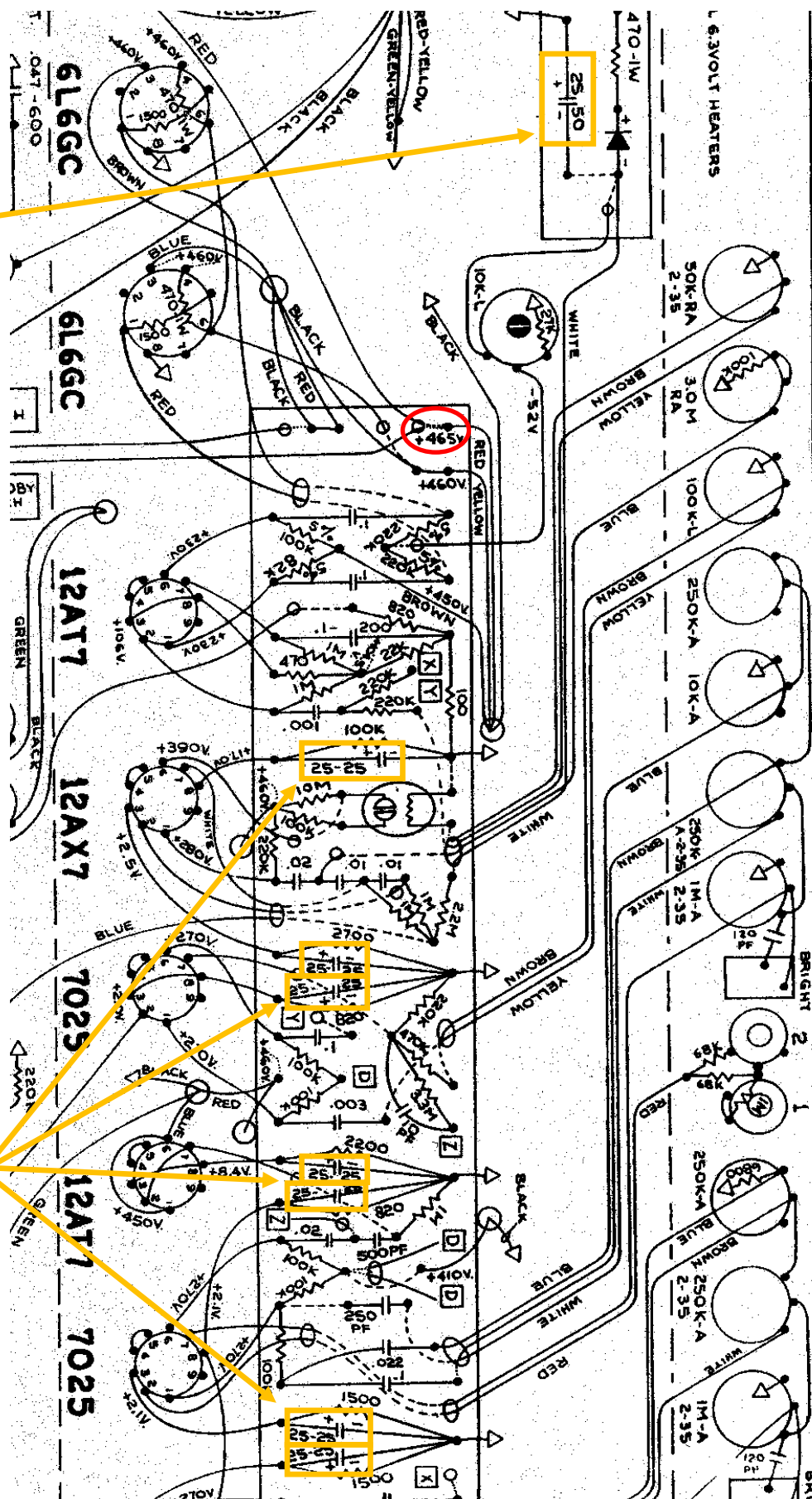
22/50

ER "SUPER REVERB-AMP AB763" LAYOUT

C-FD

NOTICE
VOLTAGES READ TO GROUND WITH ELECT.
VOLTMETER VALUES SHOWN ±0.7.

INTENSITY SPEED REVERB BASS MIDDLE TREBLE VOLUME VIBRATO BASS TREBLE VOLUME



100/100

22/50

NOTICE

VOLTAGES READ TO GROUND WITH ELECTR
VOLT METER WITH
VIBRATO-GROUNDED, NO INPUT SIGNAL.

