

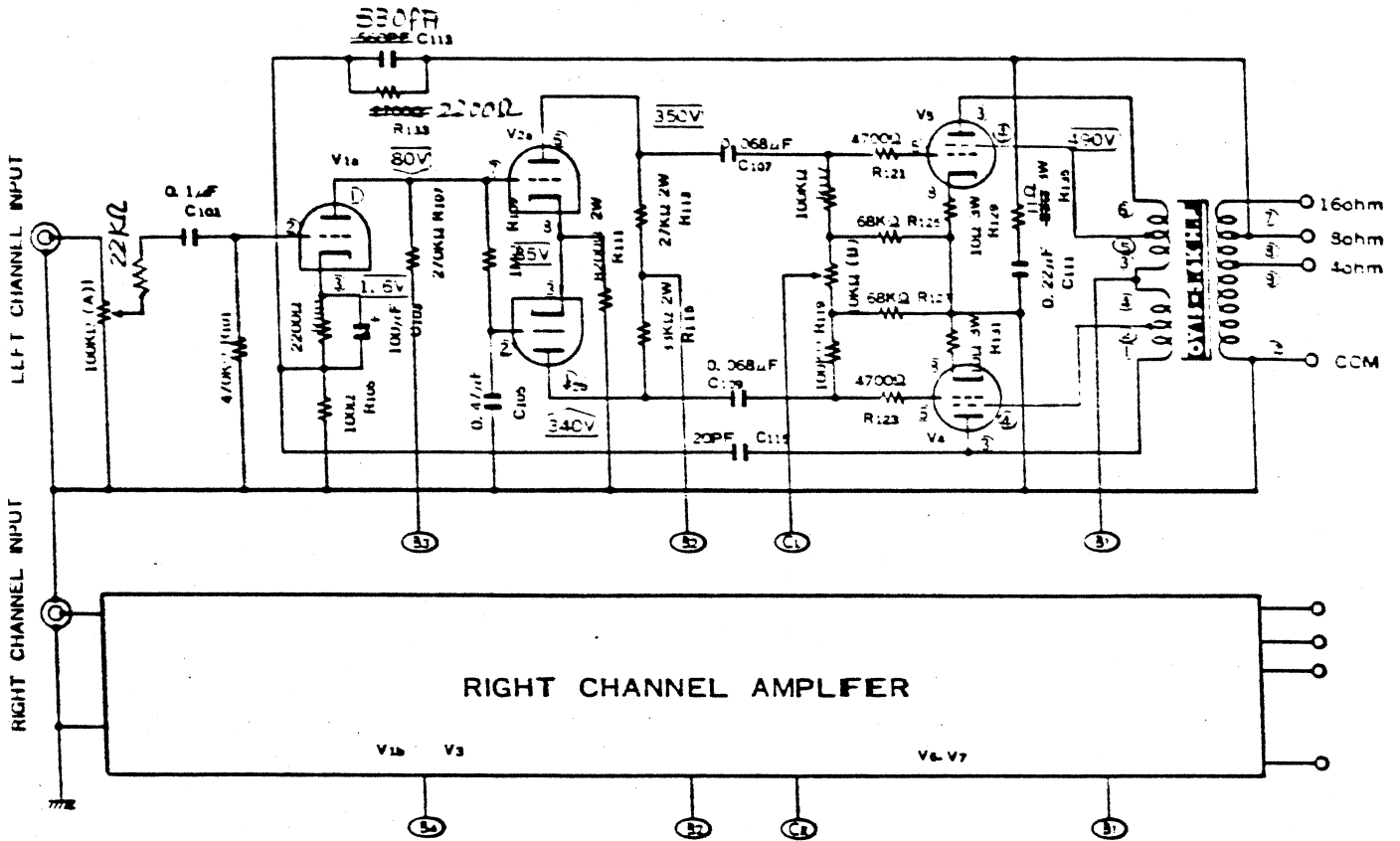
MODIFICATION PROCEDURES FOR SLTERNATIVE USE OF KT88 VACUUM TUBE ON MQ-3600In case of UL(Ultra Linear) Connection with KT88

- (1) Change the value of R133 and R134 from 2,700-ohm (1/4W) to 2,200-ohm (1/4W) due to the change of NF amount. See Fig. F & G
- (2) Change the value of C113 and C114 styrol condensors from 560pF to 330pF for stability. See Fig. F & G
- (3) Change the value of R135 and R136 from 22-ohm 3W to 11-ohm 3W (a resistor of 22-ohm 2W can be fixed in parallel with the resistor of 22-ohm 3W) for stability. See Fig. F & G.
- (4) Add to fix a resistor of 22K-ohm 1/2W between the center termianl of the level control volume and the circuit board. G and G for stability. See Fig. E.
- (5) Change the value of R305 from 820-ohm to 8.2K-ohm 1/2W for change of bias voltage. See Fig. E.
- (6) Change a resistor in the bias circuit from 10K ohm 2W to 20K ohm 2W for change of bias voltage.
- (7) Add wires to connect in between the output SG taps and the output tube SG. (4 wires) See Fig. E.
- (8) Adjustment of non signal current: Adjust to make cathode current 50mA per tube.

In case of Triode Connection with KT88

- (1) Change the value of C113 and C114 from 560pF to 330pF. See Fig. C & D.
- (2) Change the value of R135 and R136 from 22-ohm 3W to 11-ohm 3W (a resistor of 22-ohm 2W can be fixed in parallel.) See Fib. C & D.
- (3) Add to fix resistors, 22K-ohm 1/2W in between the center terminal of the level control volume and P.C.B., G & G
- (4) Change the value of R305 from 820-ohm to 8.2K-ohm 1/2W. See Fig. B.
- (5) Change a resistor in the bias circuit form 10K ohm 2W to 20K ohm 2W for change of bias voltage.
- (6) Wiring of Output Tube SG Circuit: Connect with 100-ohm 1/2W resistors in between Pin 3 and Pin 4 of the sockets for triode connection of the output tubes. See Fig. B.
- (7) Change the value of R115 and R116 from 33K-ohm 2W to 30K-ohm 2W for improvement of distortion. See Fig. C & D
- (8) Adjustment of non signal current: Adjust to make cathode current 50mA.

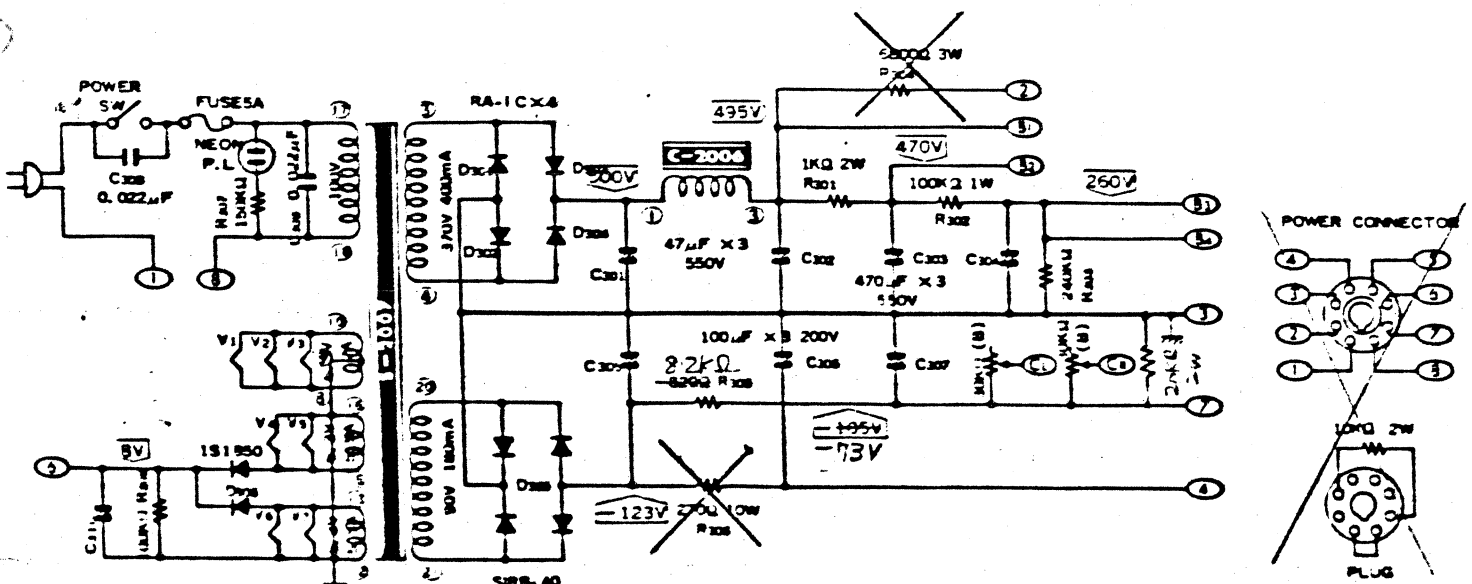
MQ3600 UL (Ultra Linear) connection with KT88



V1 (6AQB)

V2, V3 (6240G)

V6 - V7 (8045G)



Pattern of P.C.B. (front)

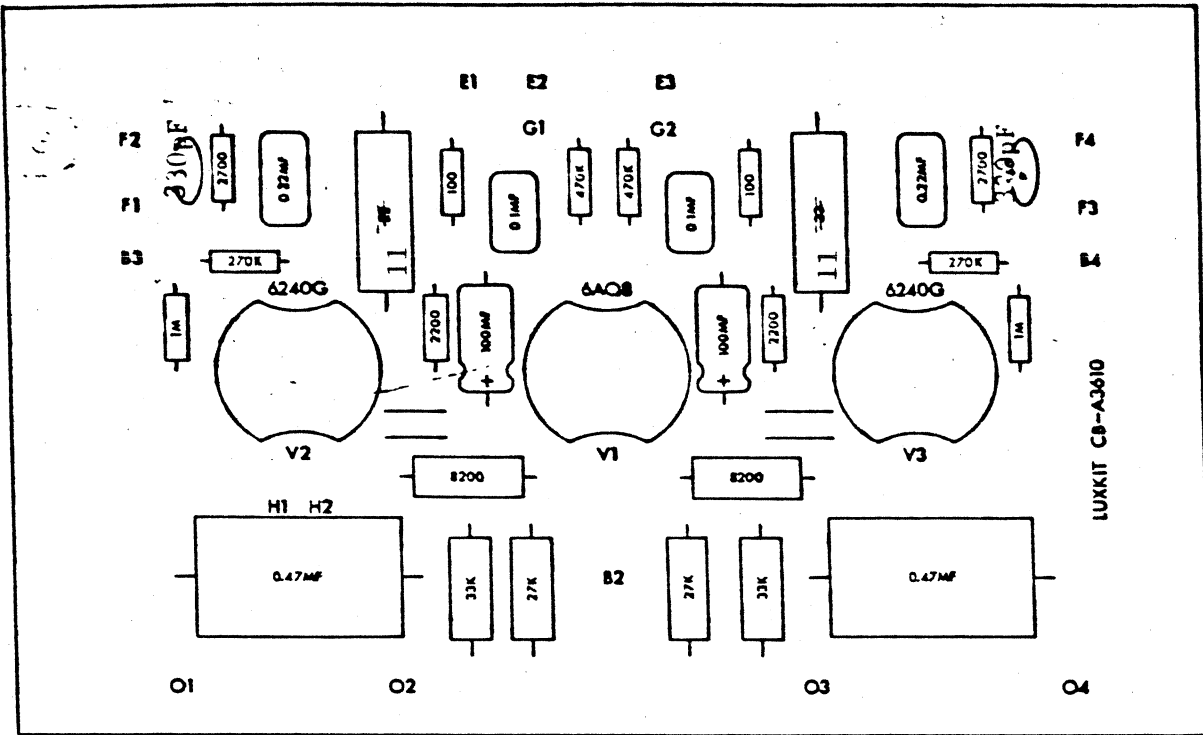


Fig. (C)

Pattern of P.C.B. (reverse)

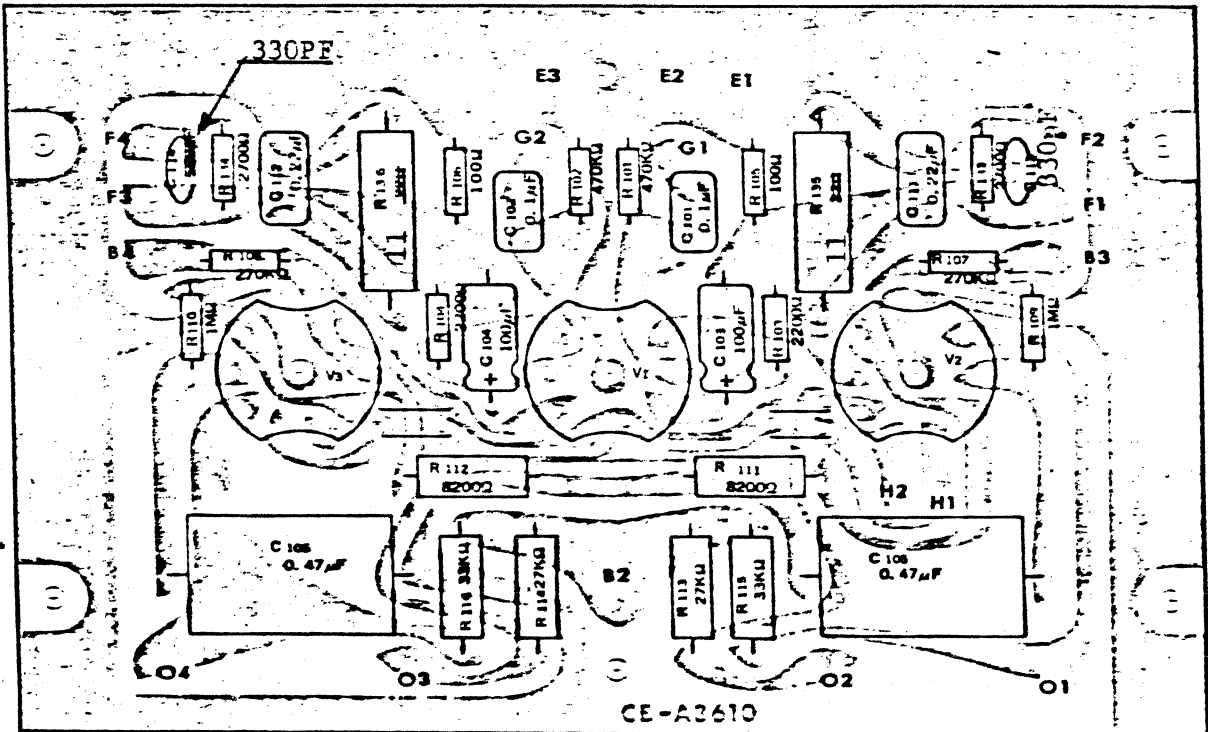
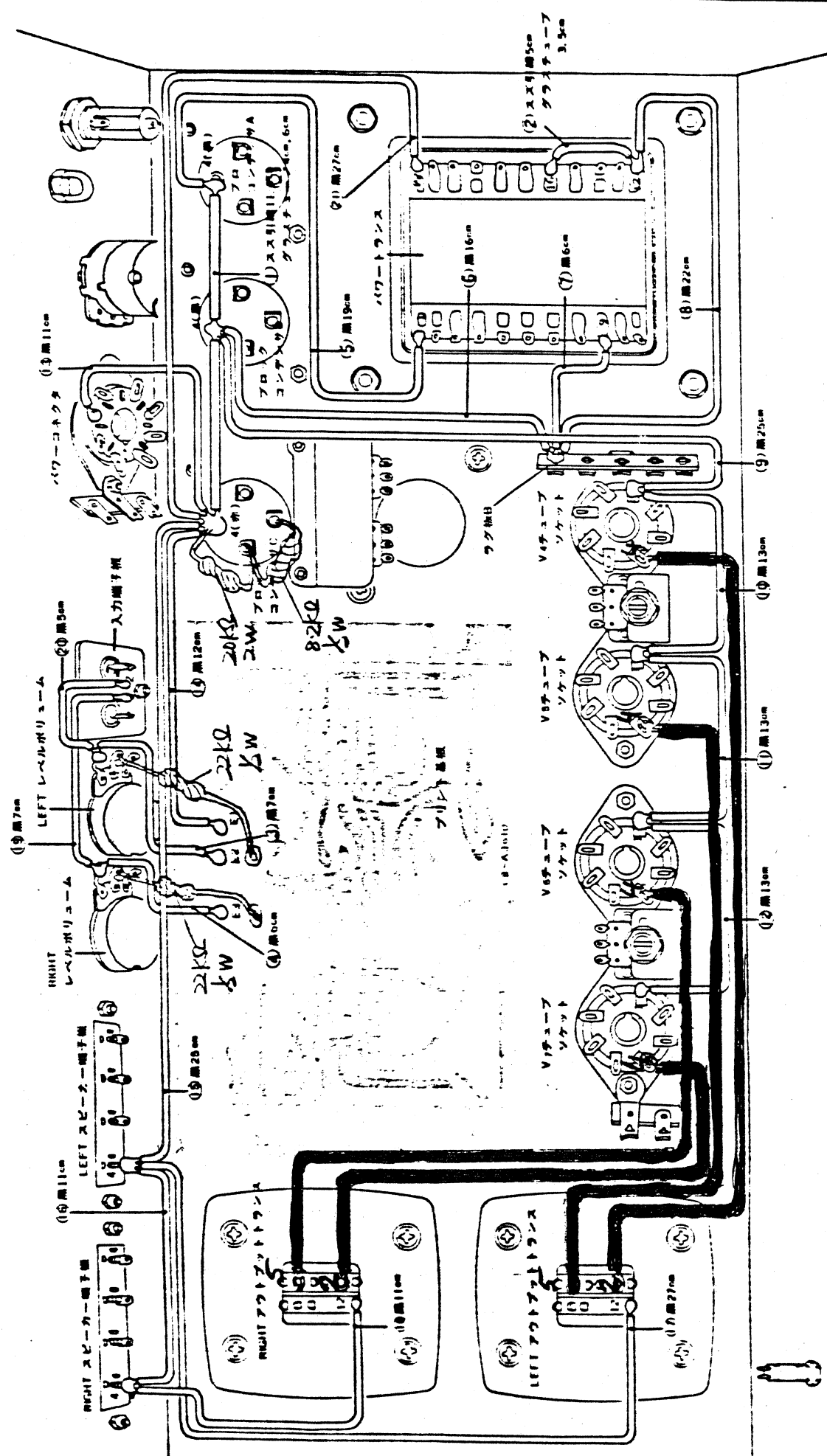
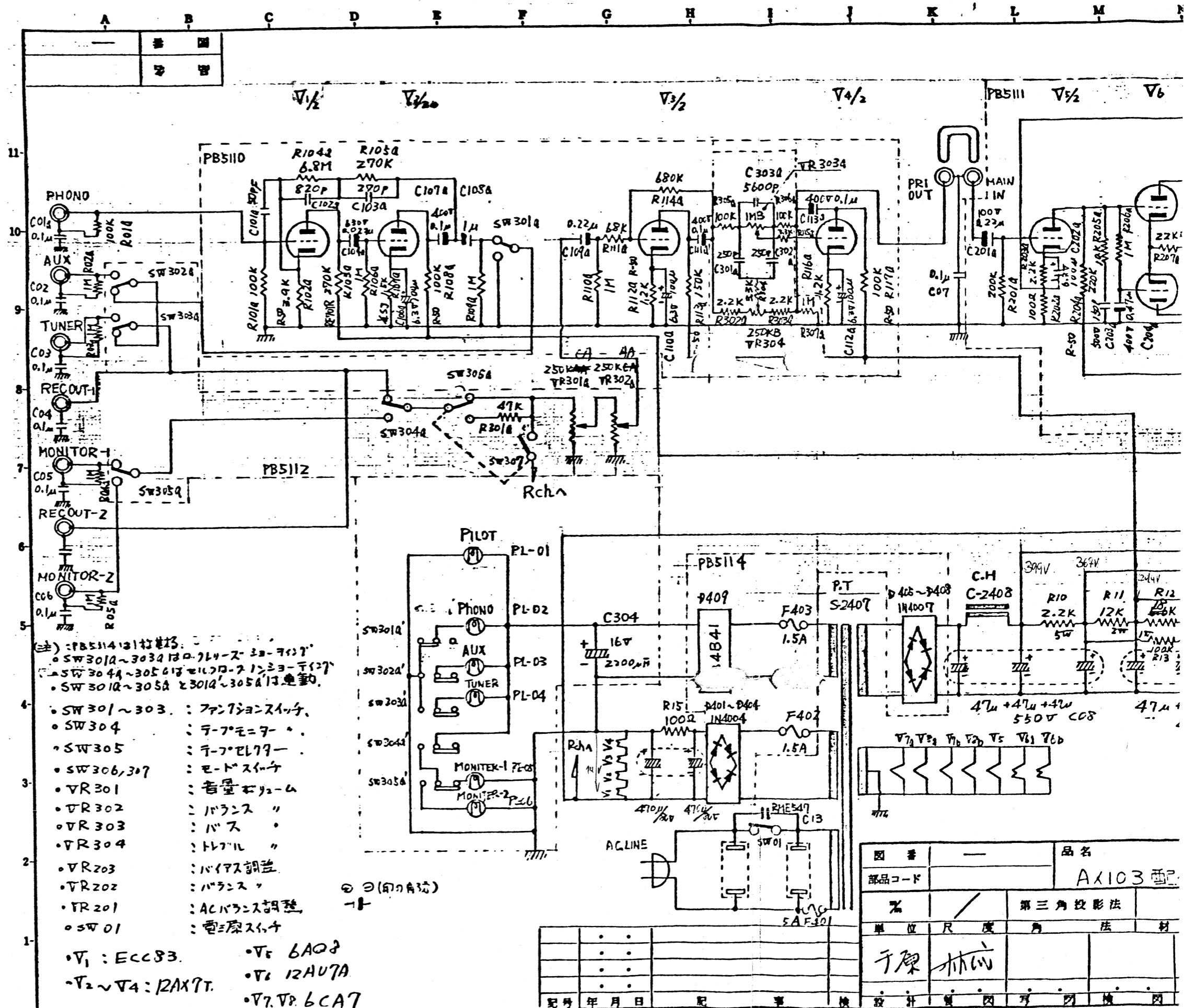


Fig. (D)

MO3600 KT88 Change of Wiring for III, Connection





(注) PB5114は121打撃器。
 SW301A~303Aは0.7L4-S 30-7127
 SW304A~305Aは0.7L4-S 30-7127
 SW301R~305Aと301A~305Aは兼動。

- SW301~303 : ファンクションスイッチ
- SW304 : テープレコーダ
- SW305 : テープレコーダ
- SW306,307 : モードスイッチ
- TR301 : 音量ボリューム
- TR302 : バランス
- TR303 : バス
- TR304 : トリプル
- TR203 : ハイパス調整
- TR202 : バランス
- TR201 : ACバランス調整
- SW01 : 電源スイッチ

- V1 : ECC83
- V2~V4 : 12AX7T
- V5 : 6AQ5
- V6 : 12AU7A
- V7, V8 : 6CA7

◎ ◎ (印の有効)
 -

図番	—			品名
部品コード	—			AX103 型
%	/	第三角投影法		
単位	尺	度	角	法
手原 林心				
記号	年月日	記	事	検

標準規格 A3