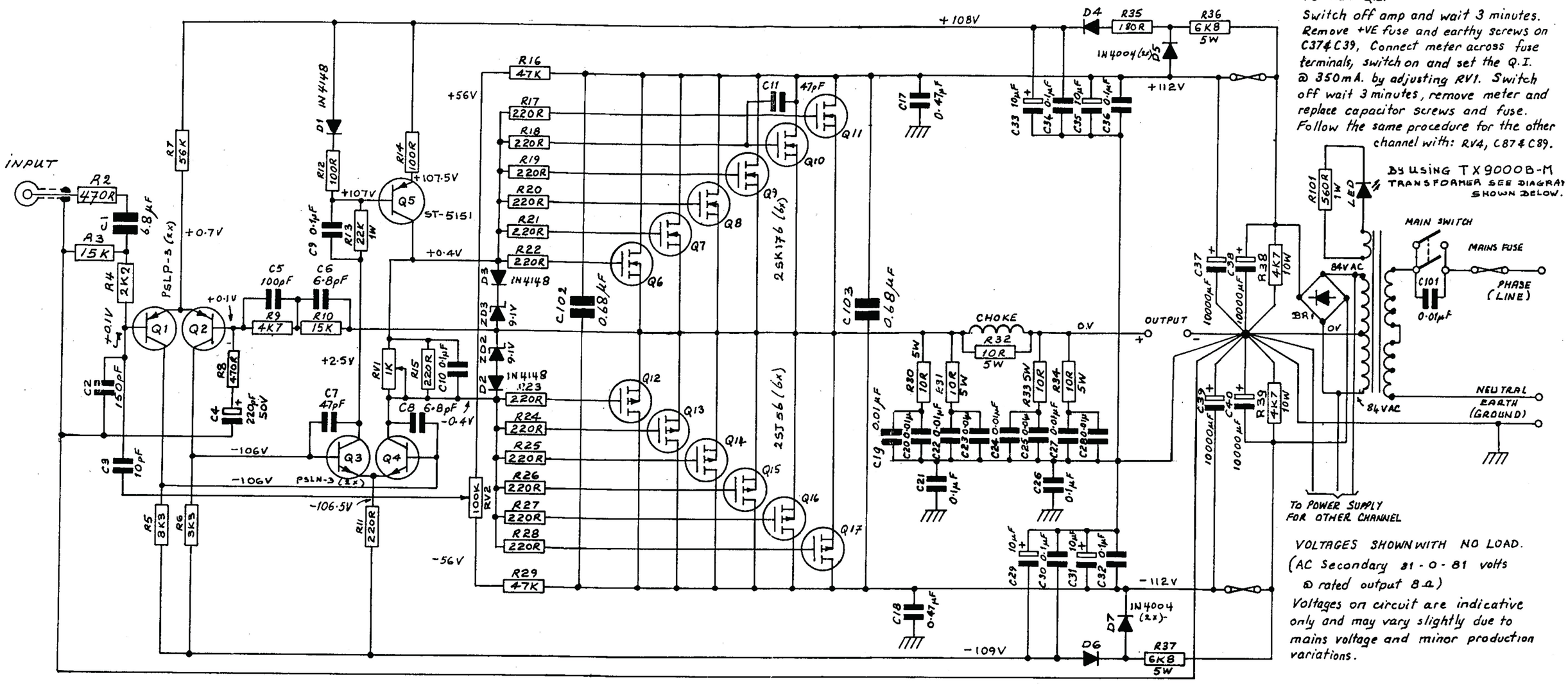
TO SET Q.I.

Switch off amp and wait 3 minutes. Remove +VE fuse and earthy screws on C37 & C39, Connect meter across fuse terminals, switch on and set the Q.I. @ 350mA. by adjusting RV1. Switch off wait 3 minutes, remove meter and replace capacitor screws and fuse. Follow the same procedure for the other channel with: RV4, C87 & C89.



BY USING TX9000B-M TRANSFORMER SEE DIAGRAM SHOWN BELOW.

VOLTAGES SHOWN WITH NO LOAD. (AC Secondary 81 - 0 - 81 volts @ rated output 8Ω)

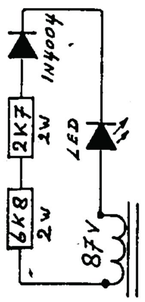
Voltages on circuit are indicative only and may vary slightly due to mains voltage and minor production variations.

R2 - R42 470R	R11 - R51 220R	R21 - R61 220R	R31 - R71 10R 5W
R3 - R43 15K	R12 - R52 100R	R22 - R62 220R	R32 - R72 10R 5W
R4 - R44 2K2	R13 - R53 22K 1W	R23 - R63 220R	R33 - R73 10R 5W
R5 - R45 3K3	R14 - R54 100R	R24 - R64 220R	R34 - R74 10R 5W
R6 - R46 3K3	R15 - R55 220R	R25 - R65 220R	R35 - R75 180R
R7 - R47 56K	R16 - R56 47K	R26 - R66 220R	R36 - R76 6K8 5W
R8 - R48 470R	R17 - R57 220R	R27 - R67 220R	R37 - R77 6K8 5W
R9 - R49 4K7	R18 - R58 220R	R28 - R68 220R	R38 - R78 4K7 10W
R10 - R50 15K	R19 - R59 220R	R29 - R69 47K	R39 - R79 4K7 10W
	R20 - R60 220R	R30 - R70 10R 5W	R101 560R 1W

D1 - D11 IN4148	ZD1 - ZD6 9.1V	Q1 - Q21 PSLP-3	Q8 - Q28 2SK176
D2 - D12 IN4148	ZD2 - ZD7 9.1V	Q2 - Q22 PSLP-3	Q9 - Q29 2SK176
D3 - D13 IN4148	BR1 BR354	Q3 - Q23 PSLN-3	Q10 - Q30 2SK176
D4 - D14 IN4004		Q4 - Q24 PSLN-3	Q11 - Q31 2SK176
D5 - D15 IN4004		Q5 - Q25 ST-5151	Q12 - Q32 2SJ56
D6 - D16 IN4004		Q6 - Q26 2SK176	Q13 - Q33 2SJ56
D7 - D17 IN4004		Q7 - Q27 2SK176	Q14 - Q34 2SJ56

RV1 - RV4 - 1K	C6 - C56 6.8pF	C21 - C71 0.1µF	C31 - C81 10µF 160V
RV2 - RV5 - 100K	C7 - C57 47pF	C22 - C72 0.01µF 250V	C32 - C82 0.1µF
	C8 - C58 6.8pF	C23 - C73 0.01µF 250V	C33 - C83 10µF 160V
	C9 - C59 0.1µF	C24 - C74 0.01µF 250V	C34 - C84 0.1µF
	C10 - C60 0.1µF	C25 - C75 0.01µF 250V	C35 - C85 10µF 160V
C1 - C51 6.8µF Poly.	C11 - C61 47pF	C26 - C76 0.1µF	C36 - C86 0.1µF
C2 - C52 150pF	C17 - C67 0.47µF	C27 - C77 0.01µF 250V	C37 - C87 10000µF
C3 - C53 10pF	C18 - C68 0.47µF	C28 - C78 0.01µF 250V	C38 - C88 10000µF
C4 - C54 220µF 50V	C19 - C69 0.01µF 250V	C29 - C79 10µF 160V	C39 - C89 10000µF
C5 - C55 100pF	C20 - C70 0.01µF 250V	C30 - C80 0.1µF	C40 - C99 10000µF

Q15 - Q35 2SJ56	C101 - 0.01µF 250V		
Q16 - Q36 2SJ56	C102 - C104 0.68µF 400V		
Q17 - Q37 2SJ56	C103 - C105 0.68µF 400V		



PMF 5150B CIRCUIT DIAGRAM

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