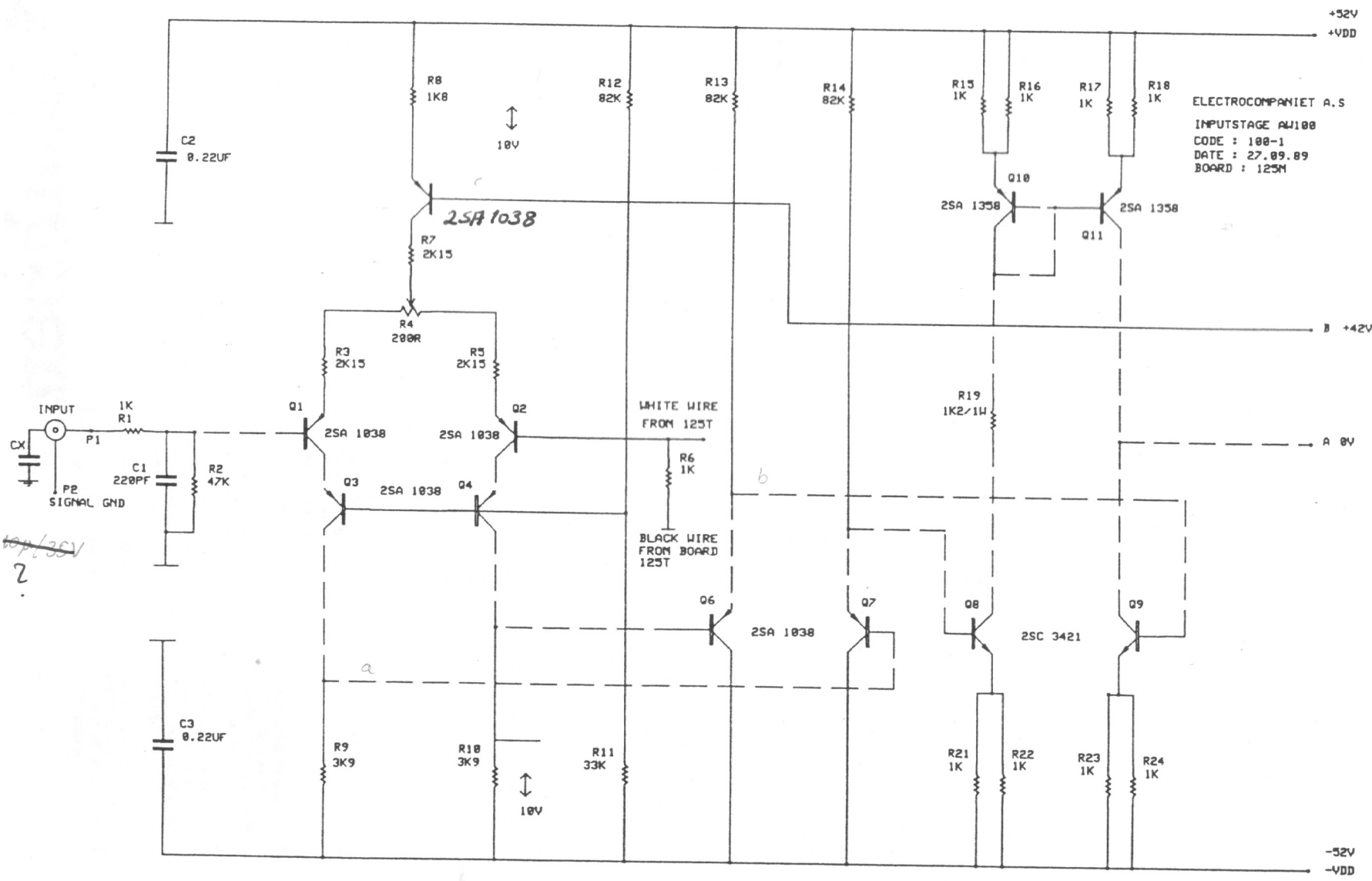
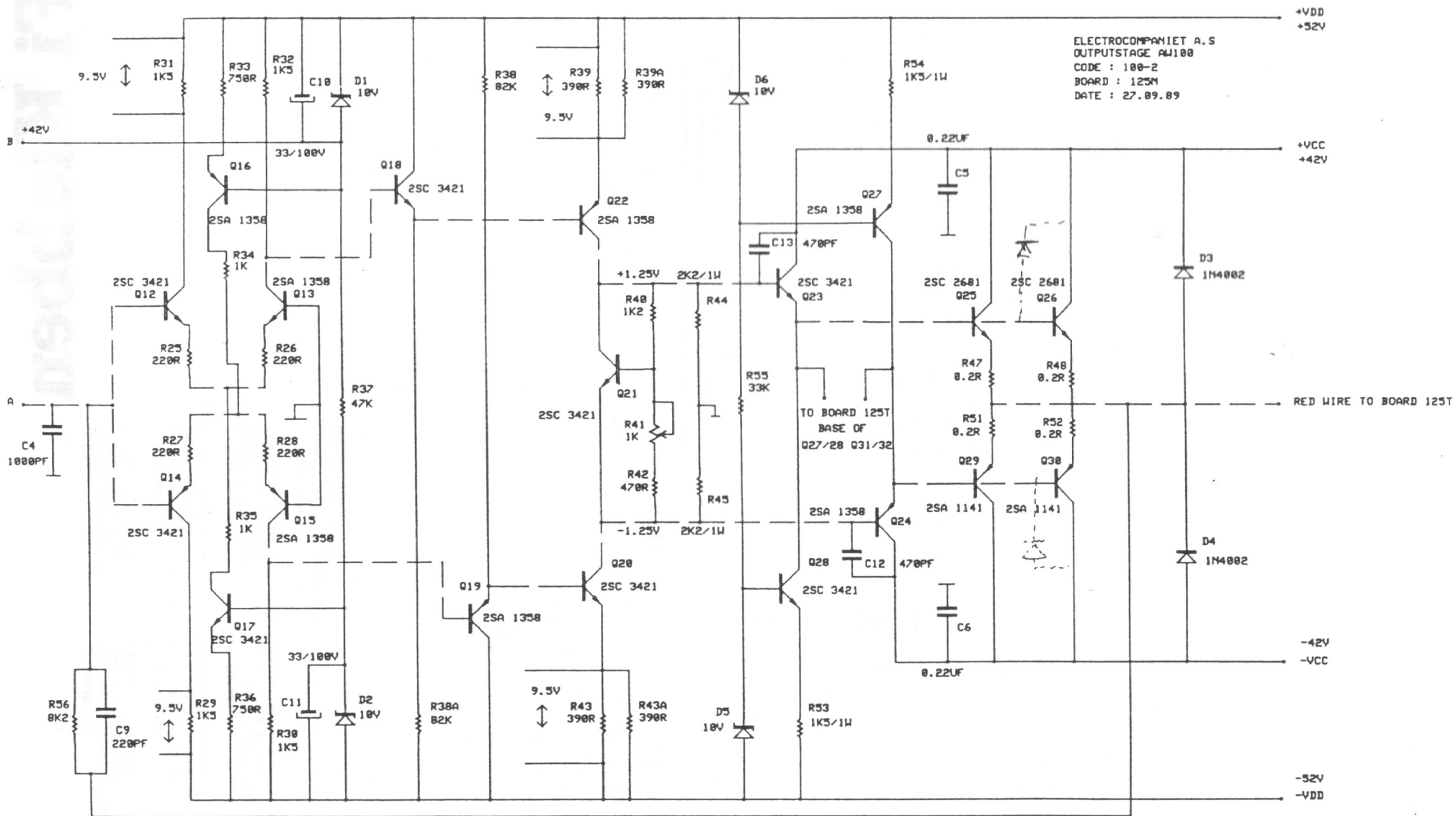


Cx = 1uF

Cx = 10uF/35V  
?



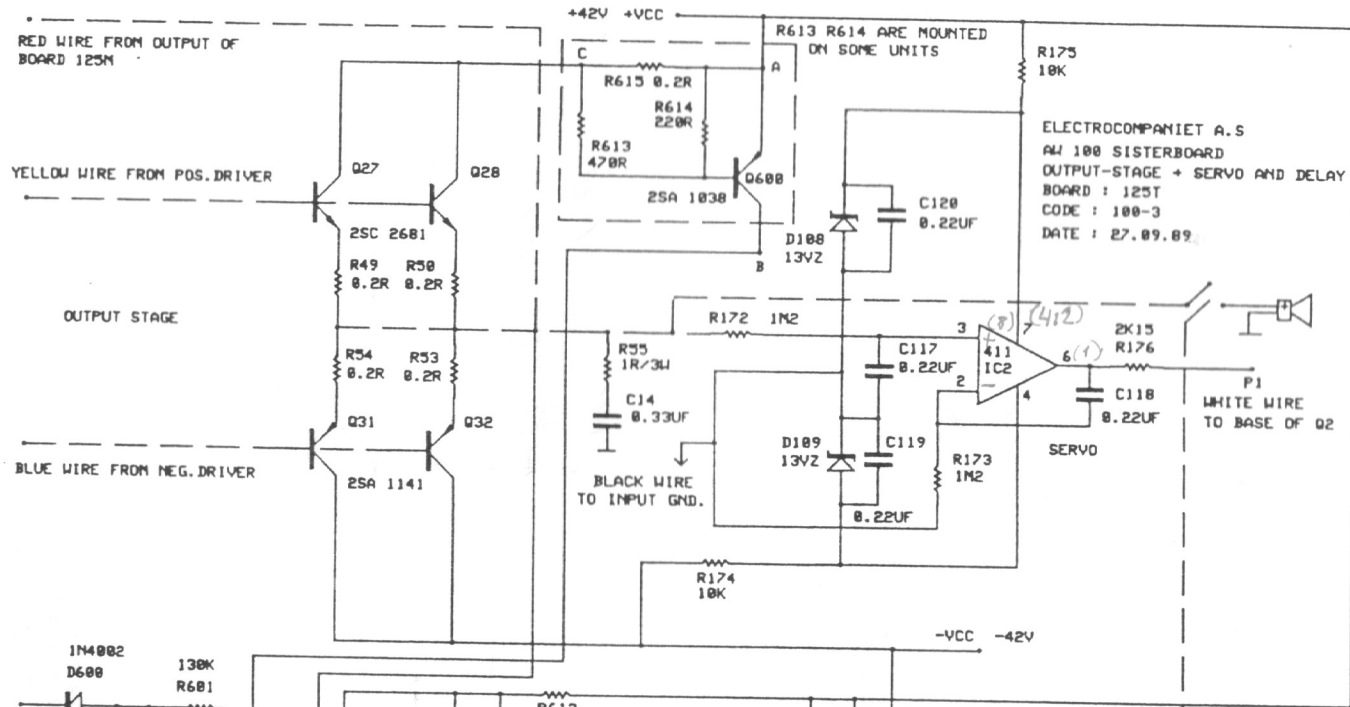
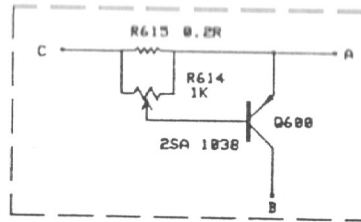
ELECTROCOMPANIEET A.S  
INPUTSTAGE AW100  
CODE : 100-1  
DATE : 27.09.89  
BOARD : 125M



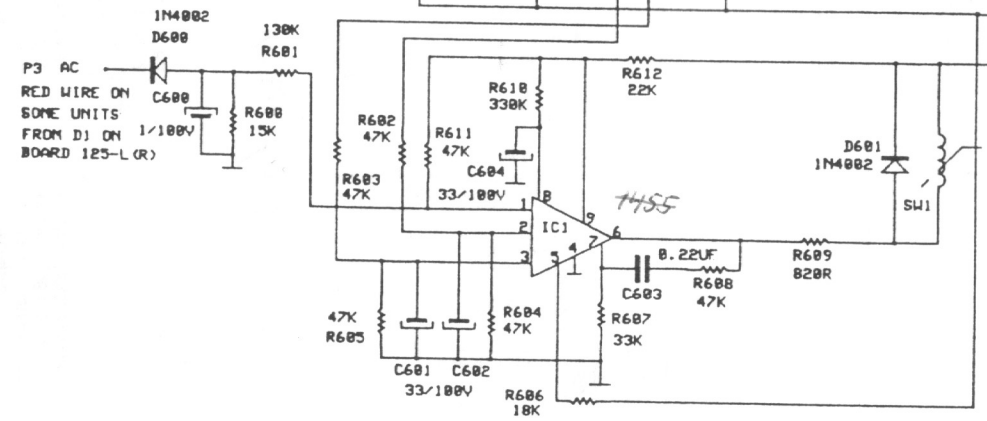
ELECTROCOMPANIEET A.S  
 OUTPUTSTAGE AU100  
 CODE : 100-2  
 BOARD : 125M  
 DATE : 27.09.89

TO BOARD 125T  
 BASE OF  
 Q27/28 Q31/32

RED WIRE TO BOARD 125T



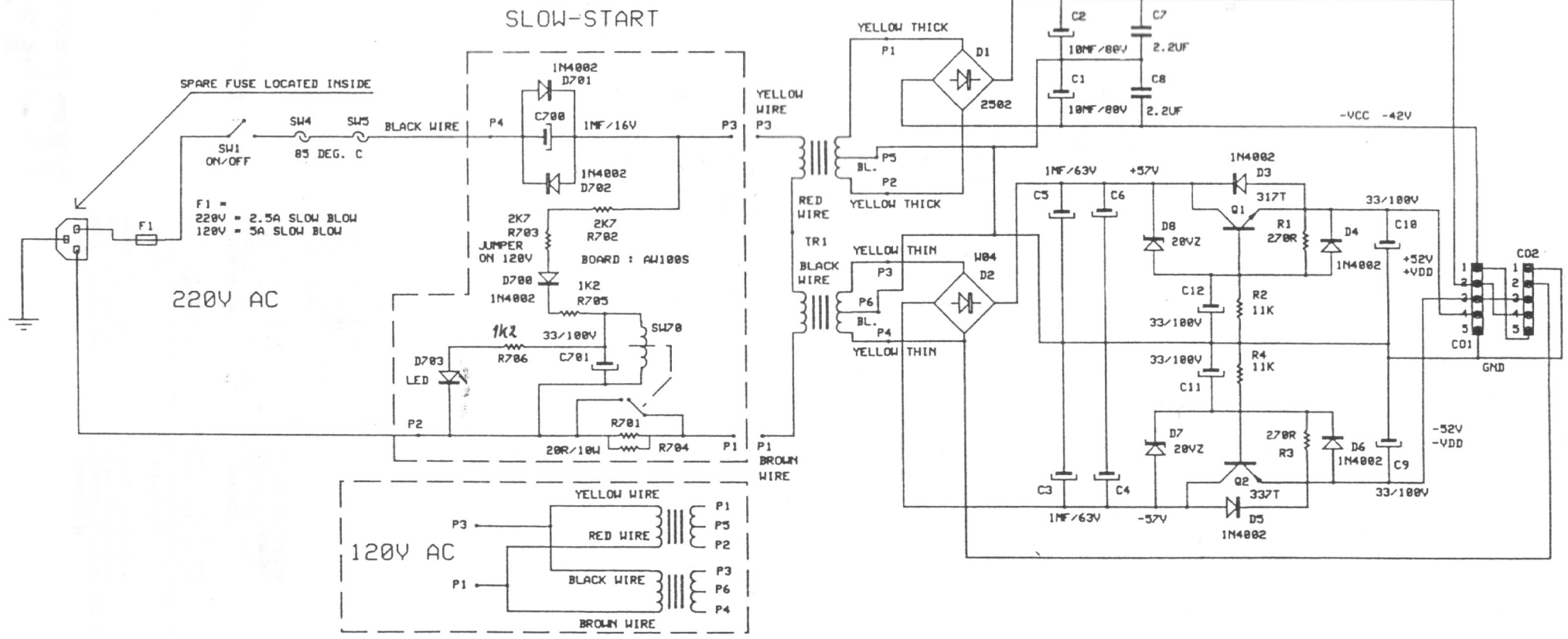
ELECTROCOMPANET A.S  
 AW 100 SISTERBOARD  
 OUTPUT-STAGE + SERVO AND DELAY  
 BOARD : 125T  
 CODE : 100-3  
 DATE : 27.09.89



P3 AC  
 RED WIRE ON  
 SOME UNITS  
 FROM D1 ON 1/100V  
 BOARD 125-L (R)

ELECTROCOMPANET A.S  
 AW 100 POWERSUPPLY  
 CODE : 100-PS  
 DATE : 27.09.89

BOARD : 125-L (R)



# ELECTROCOMPANIET

SERVICE MANUAL

AMPLIWIRE 250 - AMPLIWIRE 100 - AMPLIWIRE 65

## trouble shooting chart

### General notes:

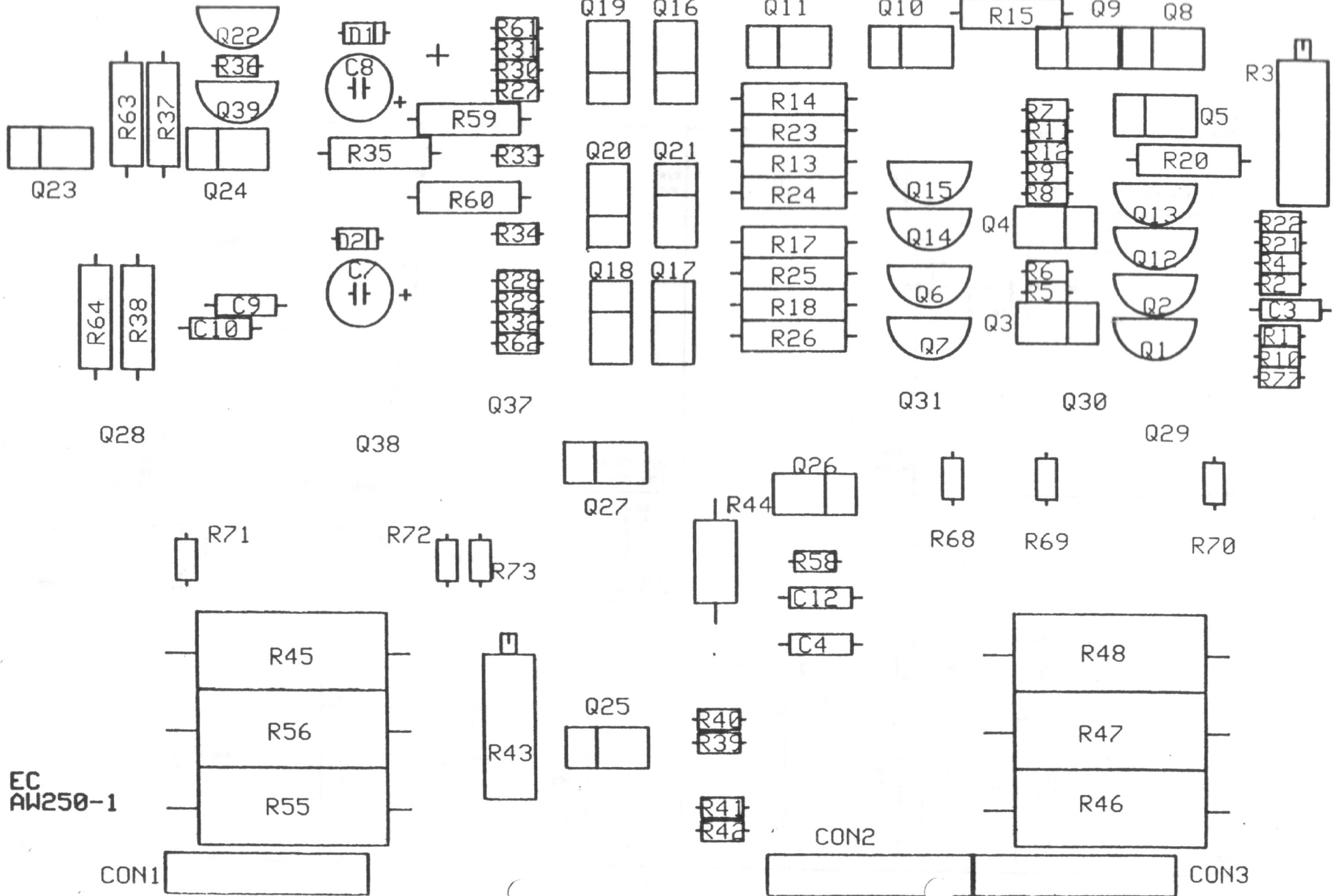
ALWAYS UNPLUG AC BEFORE SWAPPING, REMOVING OR REPLACING COMPONENTS.  
WHEN ANALYZING CIRCUIT, CONSIDER SOCKETS AND CABLES AS POSSIBLE CAUSES  
OF FAILURES.

### IDLING CURRENT:

The idling current is measured across one emitter resistor. Normally  
the one with the highest value.

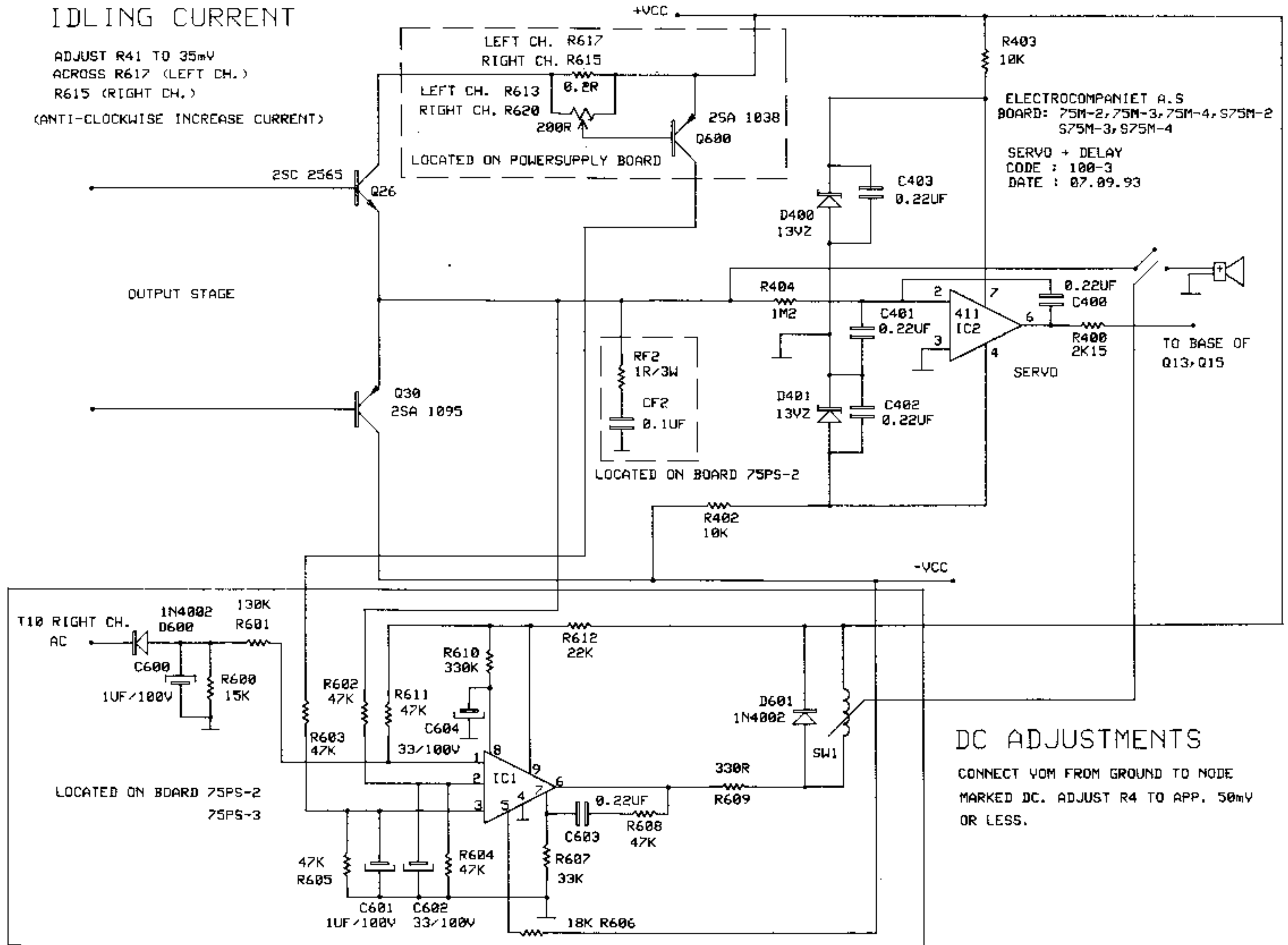
Value off emitter resistor:	AW 250	AW 100	AW 65 (II)
0.47 ohm			80mV
0.2 ohm	10mV	20mV	40mV

After change of output devices adjust to the above values and leave  
the amplifier on for app. 1 hour and then readjust.



# IDLING CURRENT

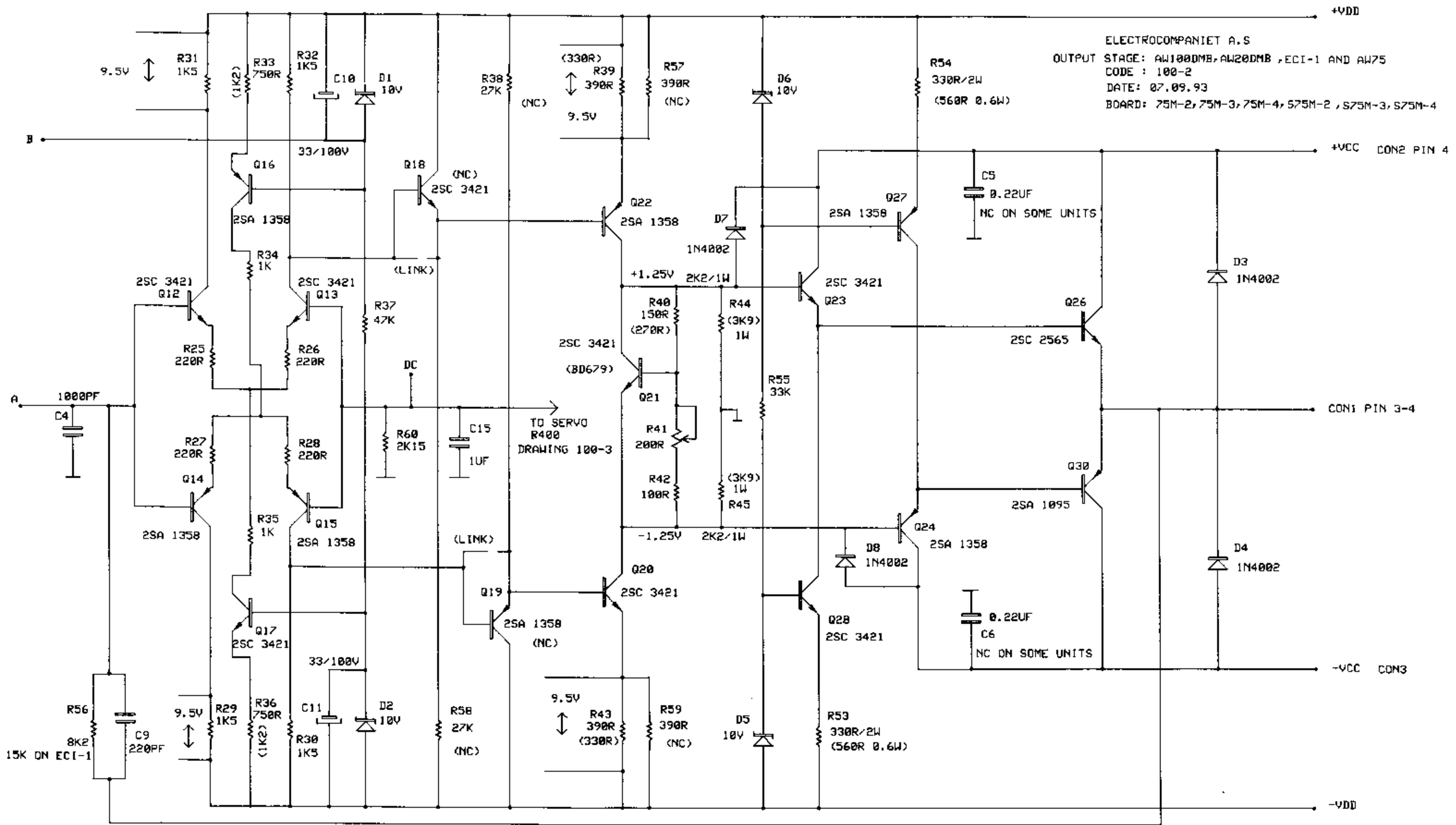
ADJUST R41 TO 35mV  
ACROSS R617 (LEFT CH.)  
R615 (RIGHT CH.)  
(ANTI-CLOCKWISE INCREASE CURRENT)



## DC ADJUSTMENTS

CONNECT VOM FROM GROUND TO NODE  
MARKED DC. ADJUST R4 TO APP. 50mV  
OR LESS.





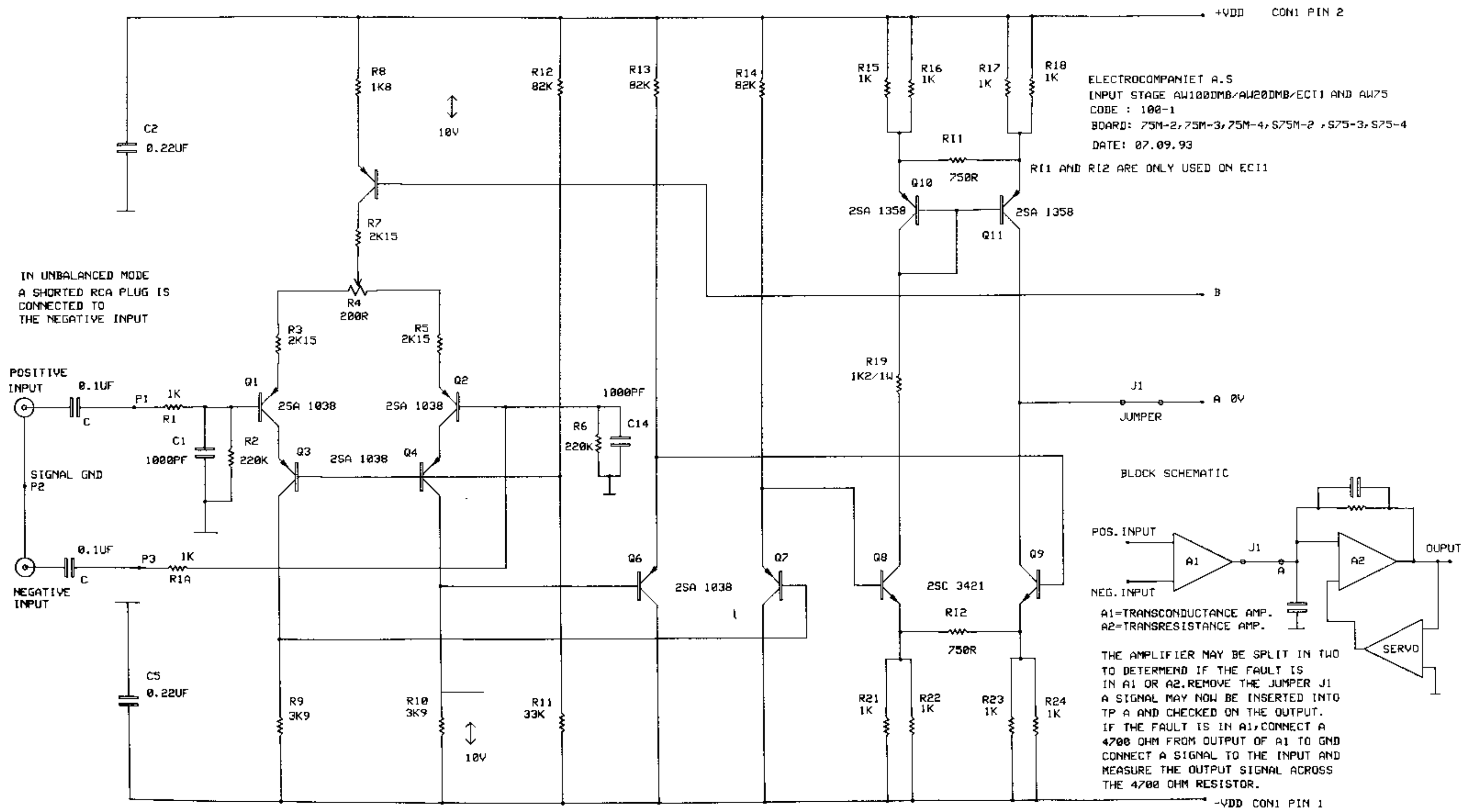
ELECTROCOMPANIET A.S  
 OUTPUT STAGE: AW100DMB, AW20DMB, ECI-1 AND AW75  
 CODE: 100-2  
 DATE: 07.09.93  
 BOARD: 75M-2, 75M-3, 75M-4, 575M-2, 575M-3, 575M-4

TO SERVO  
 R400  
 DRAWING 100-3

15K ON ECI-1

C5  
 0.22UF  
 NC ON SOME UNITS

C6  
 0.22UF  
 NC ON SOME UNITS

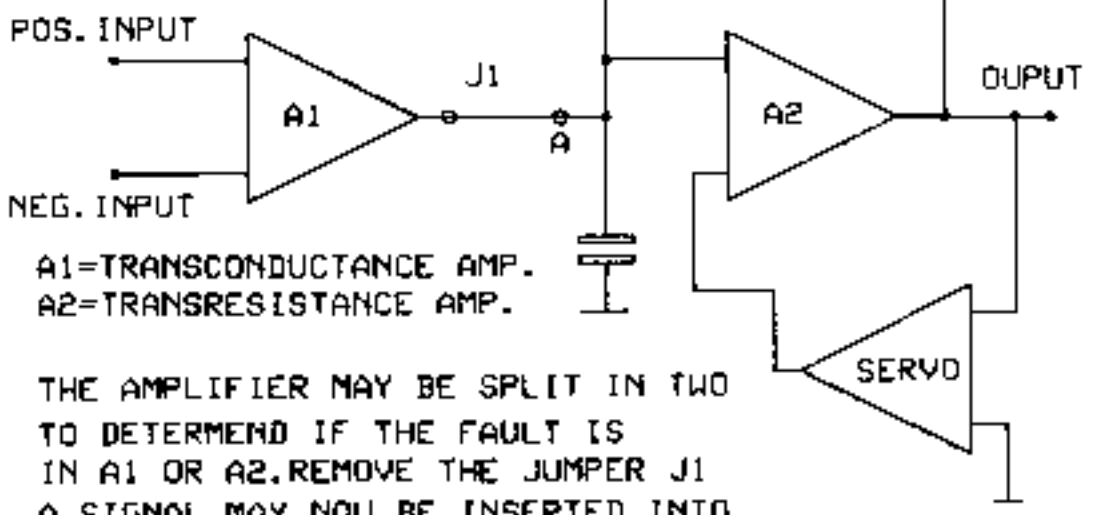


ELECTROCOMPANIEET A.S  
 INPUT STAGE AW100DMB/AW20DMB/EC11 AND AW75  
 CODE : 100-1  
 BOARD: 75M-2, 75M-3, 75M-4, S75M-2, S75-3, S75-4  
 DATE: 07.09.93

R11 AND R12 ARE ONLY USED ON EC11

IN UNBALANCED MODE  
 A SHORTED RCA PLUG IS  
 CONNECTED TO  
 THE NEGATIVE INPUT

BLOCK SCHEMATIC



A1=TRANSCONDUCTANCE AMP.  
 A2=TRANSRESISTANCE AMP.

THE AMPLIFIER MAY BE SPLIT IN TWO  
 TO DETERMEND IF THE FAULT IS  
 IN A1 OR A2.REMOVE THE JUMPER J1  
 A SIGNAL MAY NOW BE INSERTED INTO  
 TP A AND CHECKED ON THE OUTPUT.  
 IF THE FAULT IS IN A1,CONNECT A  
 4700 OHM FROM OUTPUT OF A1 TO GND  
 CONNECT A SIGNAL TO THE INPUT AND  
 MEASURE THE OUTPUT SIGNAL ACROSS  
 THE 4700 OHM RESISTOR.

+VDD CON1 PIN 2

-VDD CON1 PIN 1