

**BELANGRIJK:**  
houd deze schema's bij het orgel! !  
**IMPORTANT:**  
keep the schematic diagrams with the organ! !  
**WICHTIG:**  
Schaltpläne bei Orgel aufbewahren! !

# SERVICE INFORMATION

0579

# solina

## STRING ENSEMBLE

INHOUD – CONTENTS – INHALT	Part No. *	Sheet No.
Gate circuit	021.0001	015.0260
Bass circuit	003.3025	015.0260
Supplementary circuit	003.2182	015.0260
Register circuit	003.3016	015.0260
Divider circuit A	005.0183	
Divider circuit B	005.0184	
Master oscillator circuit	005.0188	
Schematic diagram		015.0260
Wiring diagram		015.0213
Signal flow diagram		015.0267
Control circuit	012.0025	
Modulator circuit B	012.0034	
Divider circuit C	005.0185	
Power supply	008.0066	

\* Printed circuit  
Part number

### TECHNISCHE GEGEVENS

Netfrequentie  
Netspanning\*

**Ingang (input):**  
Expressionpedal

**Output:**  
Low output I  
High output II

**Zekeringen:**  
net: 220 V\*  
18,5 V: 2x3,15 AT

### TECHNICAL DATA

Mains frequency  
Mains voltage\*

**Input connection:**  
Expressionpedal

**Output:**  
Low output I  
High output II

**Fuses:**  
mains: 220 V\*  
18,5 V: 2x3,15 A (slow)

### TECHNISCHE DATEN

Netzfrequenz  
Netzspannung\* 50/60 Hz  
220 V (115-240-250\*)

**Eingang (input):**  
Schwellpedal

**Ausgangsabnahme:**  
Low output I + 1,5 V tt - imp: 3 kOhm  
High output II + 5 V tt - imp: 5 kOhm

**Sicherungen:**  
Netz: 220 V\* thermal release in primary  
18,5 V: 2x3,15 A (träge) disconnect temp. 115 C

\* 115 - 240 - 250 V.

\* Voor 115, 240 en 250 Volt netspanning; als volgt te werk gaan:

- verwijder kap van de transformator
- de draad op de 220 V aansluiting omzetten naar de gewenste netspanning

\* For 115,240 and 250 Volt operation:

- remove cover of transformer
- relocate mains voltage to appropriate voltage.

\*Für 115, 240 und 250 V Netzspannung wie folgt handeln:

- Die Kappe des Transformators entfernen
- Den Draht des 220 V Anschlusses in die gewünschte Netzspannung umsetzen.

**Service dokumentatie:**

**Service information:**

**Kundendienst dokumentation:**

(aanvragen bij servicedienst te Bodegraven)  
inquire by your importer or MCH Holland  
(fragen Sie bei Ihrem Importeur oder MCH)

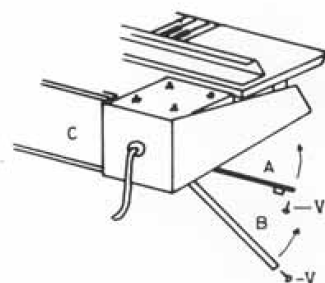
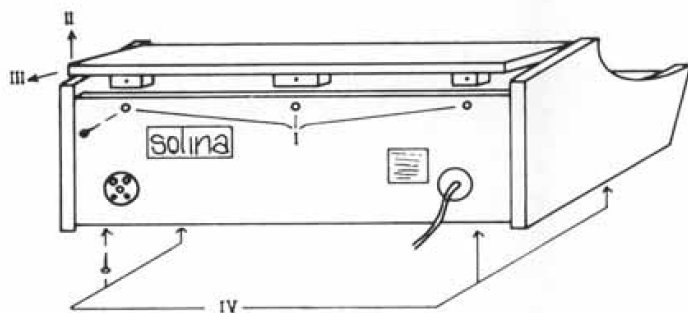
Service onderdelenlijst zie:

Service parts list see:

Service-Ersatzteilliste siehe:



Wijzigingen voorbehouden  
Alterations reserved  
Anderungen vorbehalten  
Changements reserver



#### DEMONTAGE STRING-ENSEMBLE

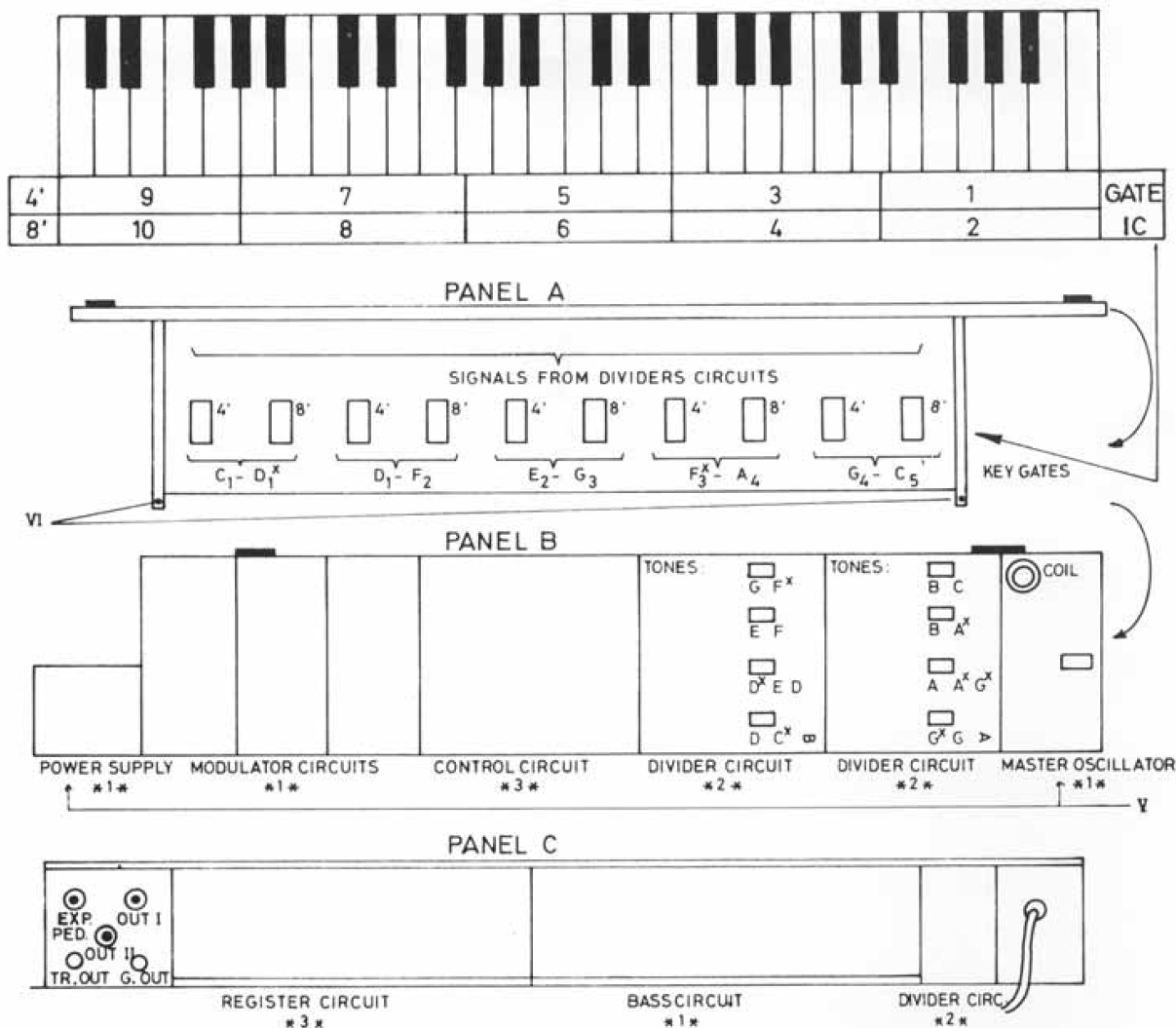
1. Verwijder schroeven I
2. Til bovenblad op, zie II
3. Schuif bovenblad weg, zie III
4. Verwijder schroeven IV
5. De konstruktie kan nu uit de kast worden getild.
6. De panelen A en B zijn klappbaar na verwijdering van schroeven VI en V

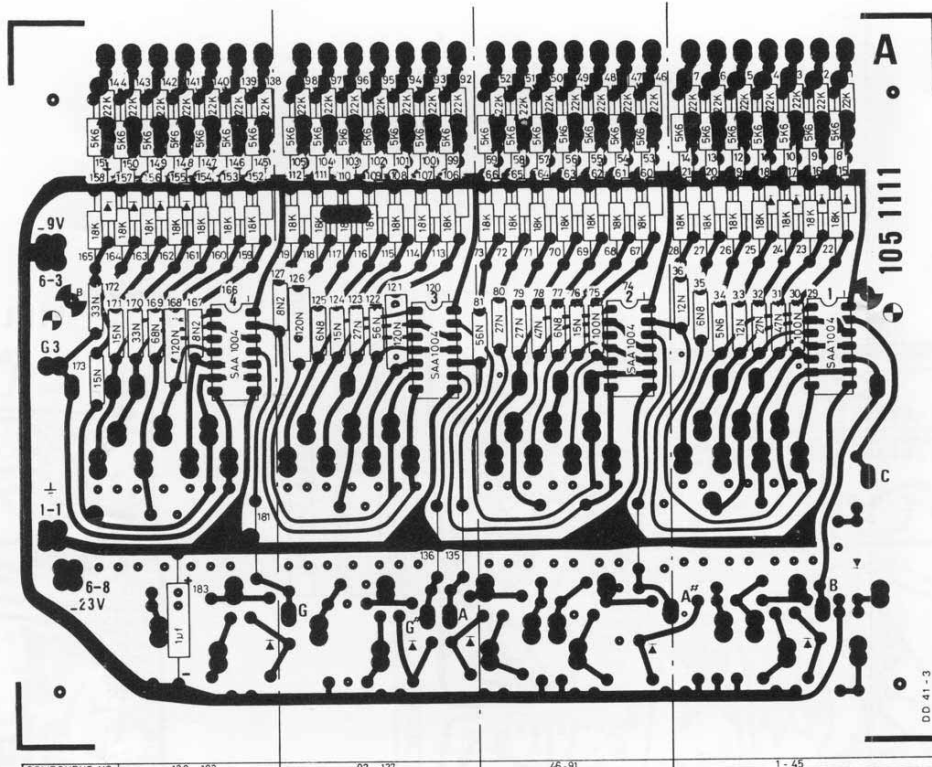
#### DISASSEMBLY OF STRING-ENSEMBLE

1. Remove (3) screws I
2. Raise cover, see II
3. Push cover out of the way, see III
4. Remove (4) screws IV
5. Lift out unit from cabinet
6. Panels A and B will fold out of way after removing screws V and VI

#### DEMONTAGE STRING-ENSEMBLE

1. Schroeven rausdrehen (siehe I)
2. Oberbrett anheben (siehe II)
3. Oberbrett wegschieben (siehe III)
4. Schroeven rausdrehen (siehe IV)
5. Die Konstruktion kann jetzt aus der Kiste gehoben werden.
6. Die Paneelen a und b sind klappbar, nachdem die Schroeven rausgedreht sind. (siehe V und VI).



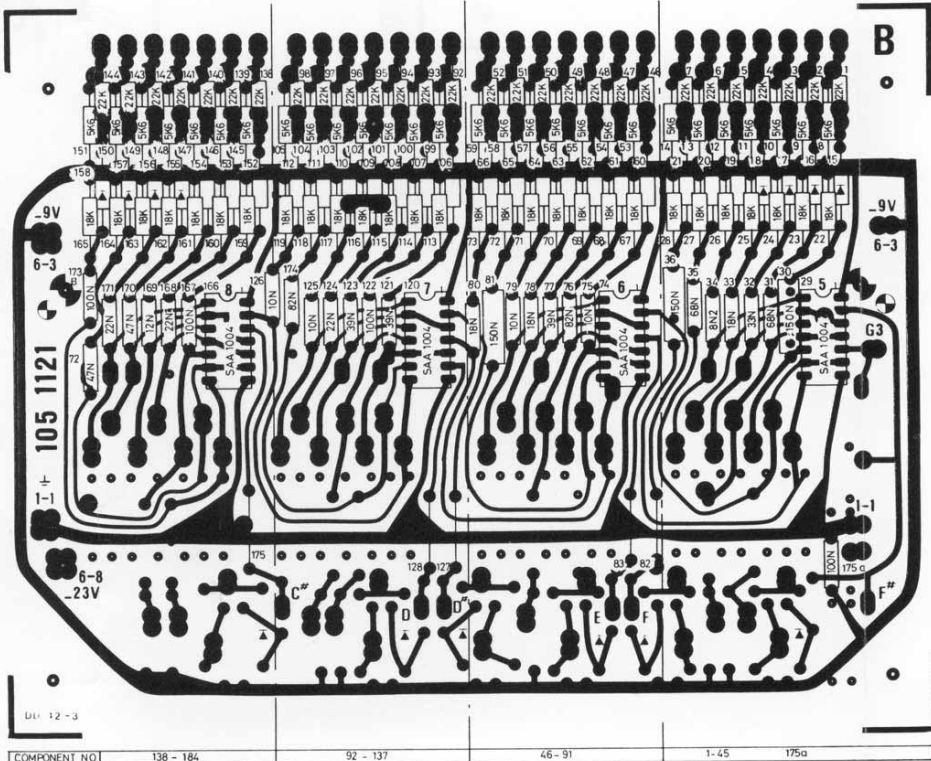


COMPONENT NO	138 - 183	92 - 137	46-91	1 - 45
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DIVIDER CIRCUIT A	
PART. NO.	005 0183
MODEL	VANAF SERIE
STRING ENSEMBLE	106

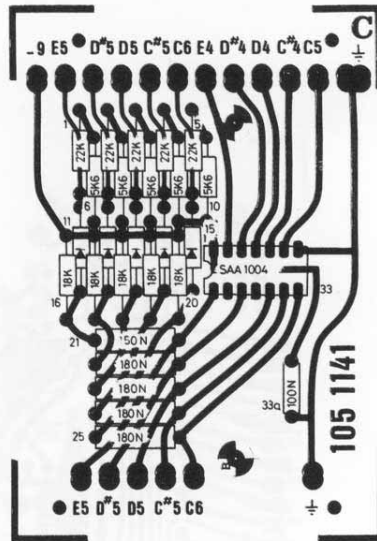
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COMPONENT NO	138 - 184	92 - 137	46-91	1-45	175a
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DIVIDER CIRCUIT B	
PART NO	005 0184



DIVIDER CIRCUIT	
PART NO. 005 0185	1

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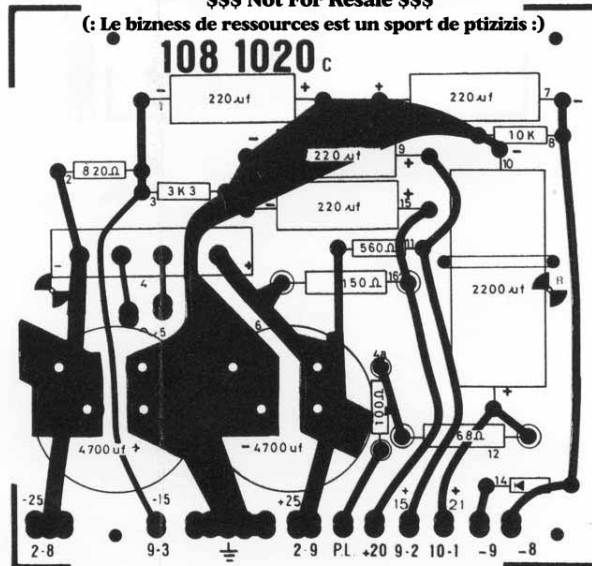
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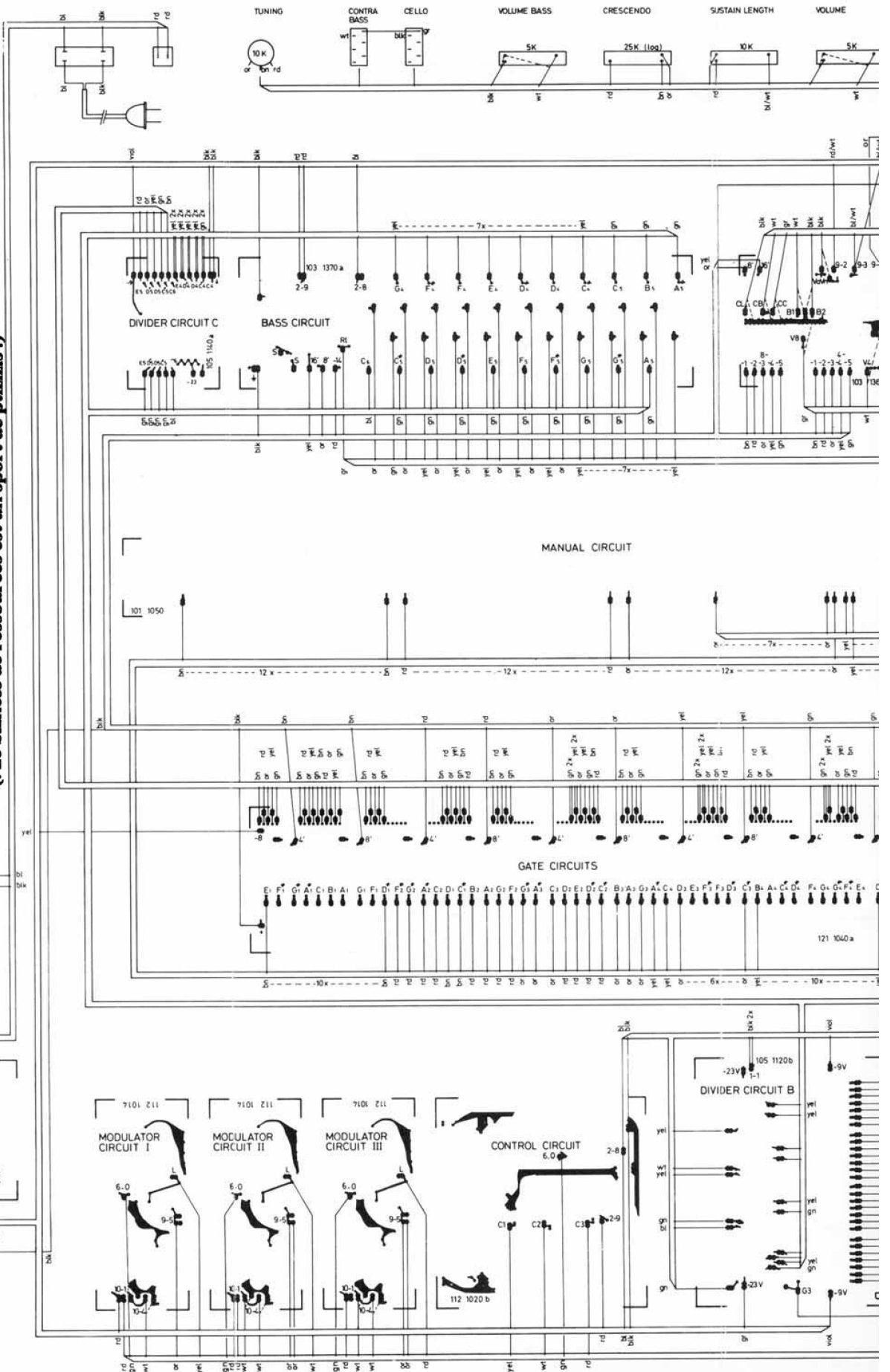
POS. NO.	1 - 6	4a7 - 16
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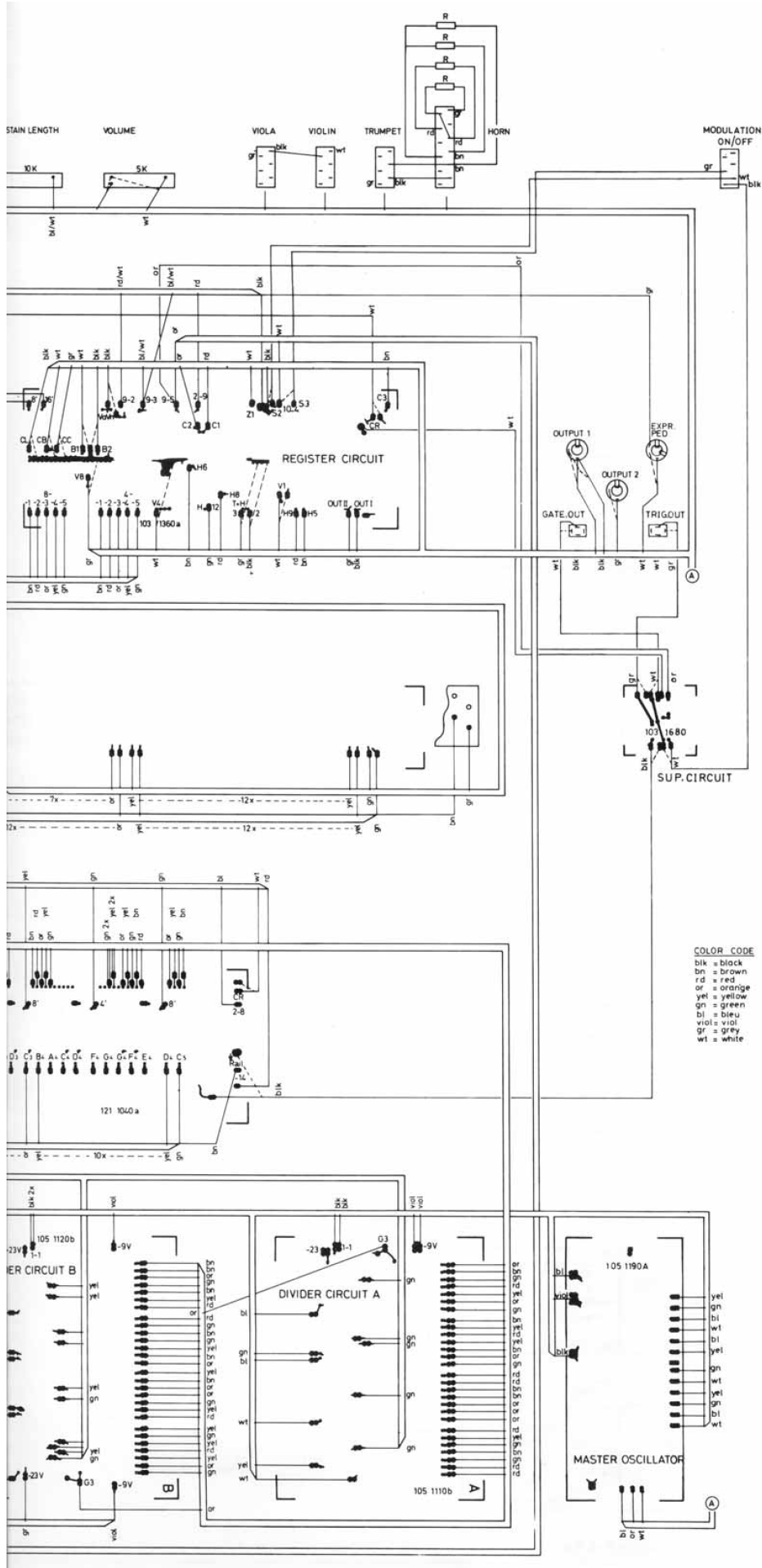
POWER SUPPLY	
PART NO. 008 0066	C



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FOR 115-240-250 V  
 OPERATION RELOCATE  
 THIS WIRE TO  
 APPROPRIATE VOLTAGE





WIRING DIAGRAM

SHEET NO: 015 0213    C

STRING ENSEMBLE

PAT APPLIED FOR

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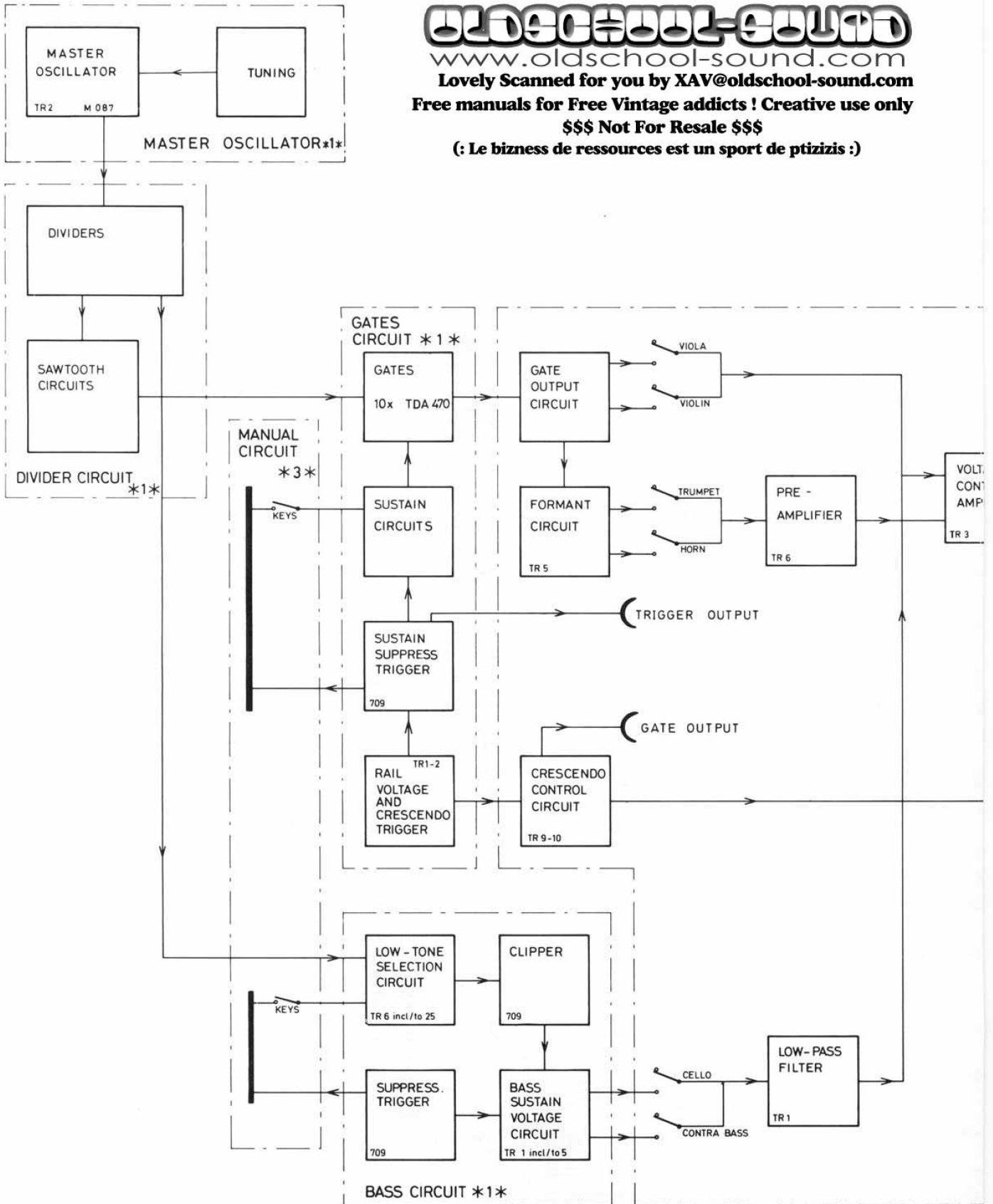
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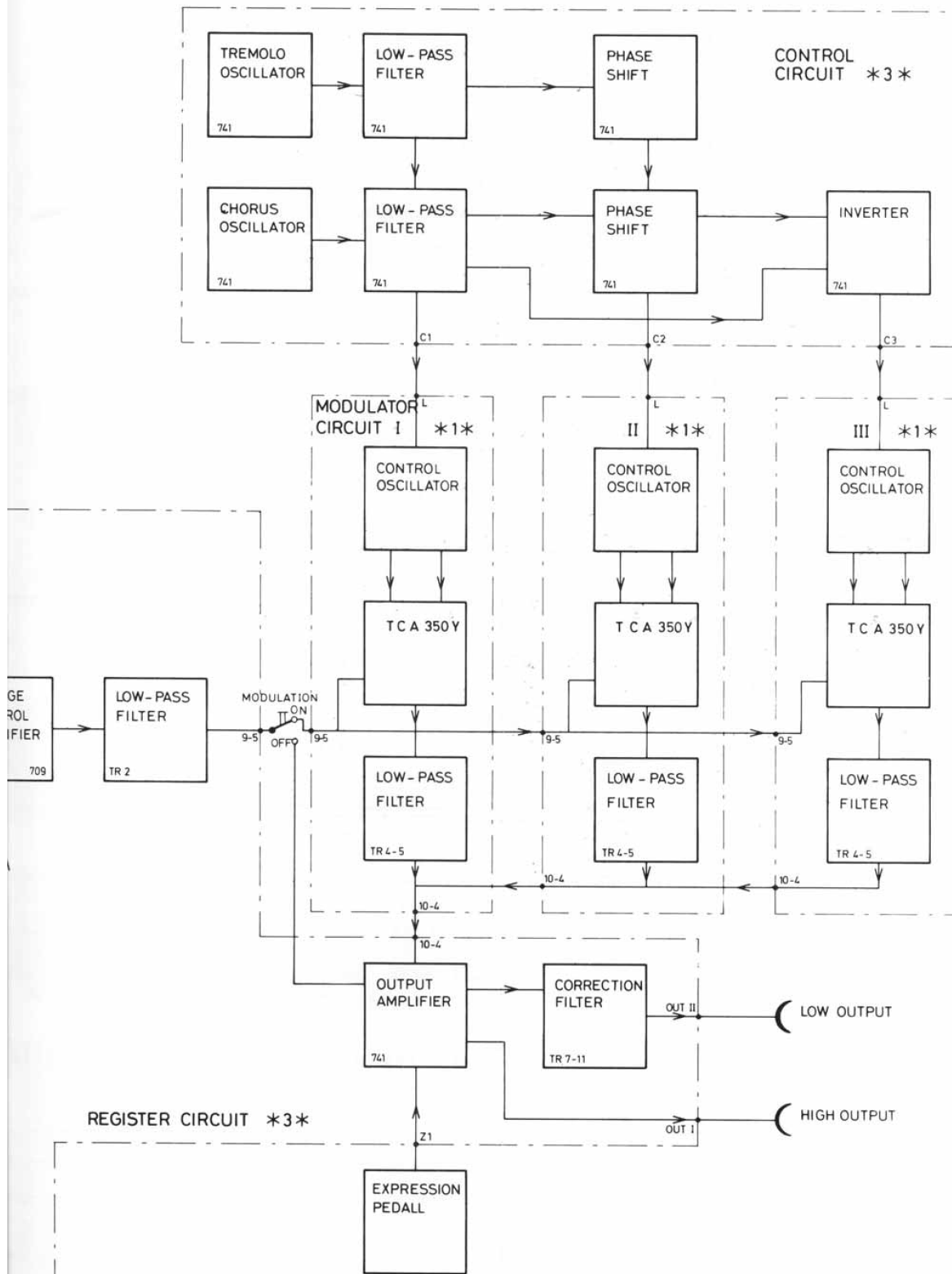
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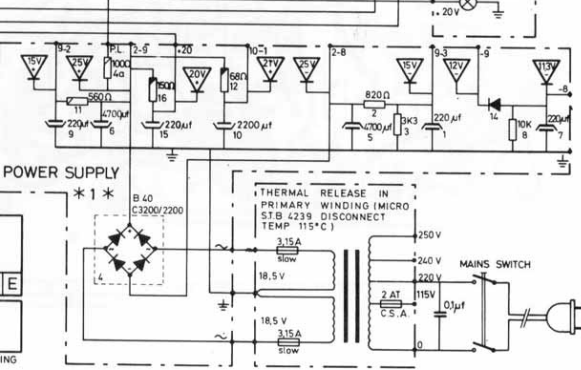
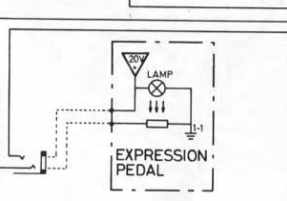
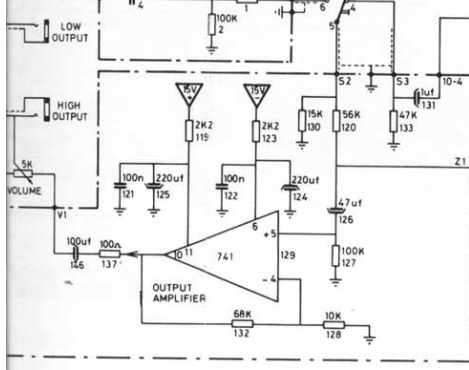
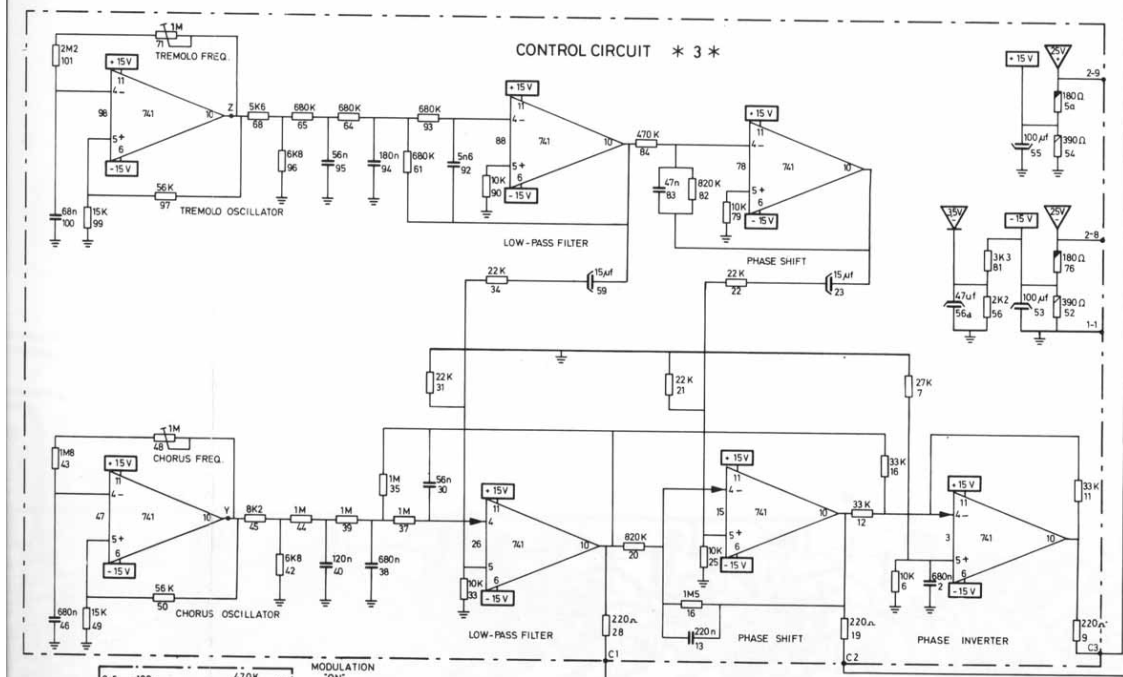
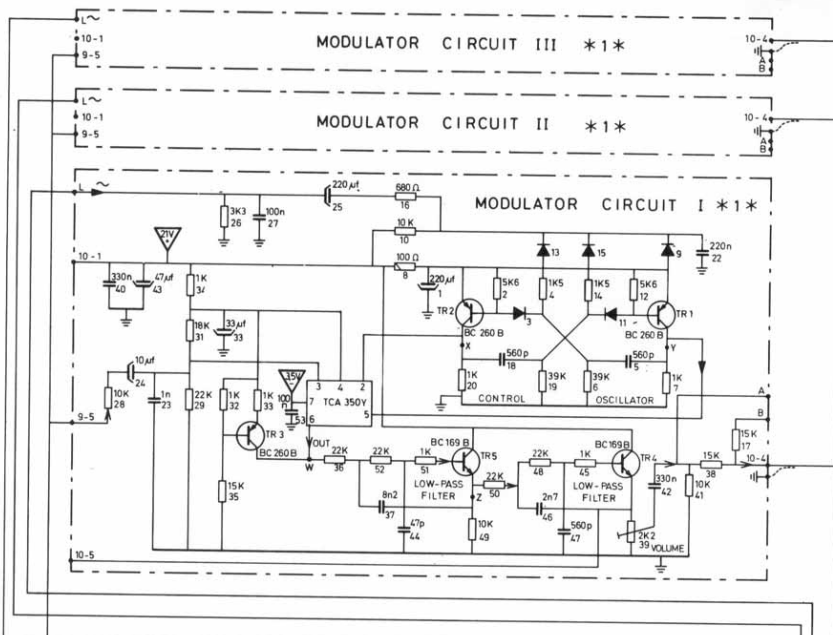
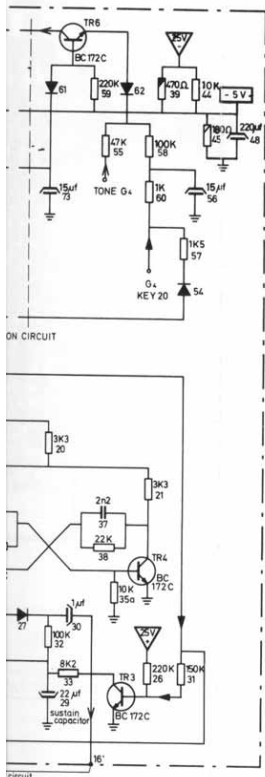
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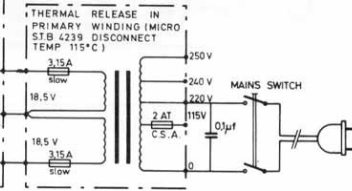


SIGNAL FLOW DIAGRAM  
 SHEET NO: 015 0267 B  
 STRING ENSEMBLE

PAT. APPLIED FOR



**SCHMATIC DIAGRAM**  
 SHEET NO. 015 0260 E  
**STRING ENSEMBLE**  
 PAT. PENDING





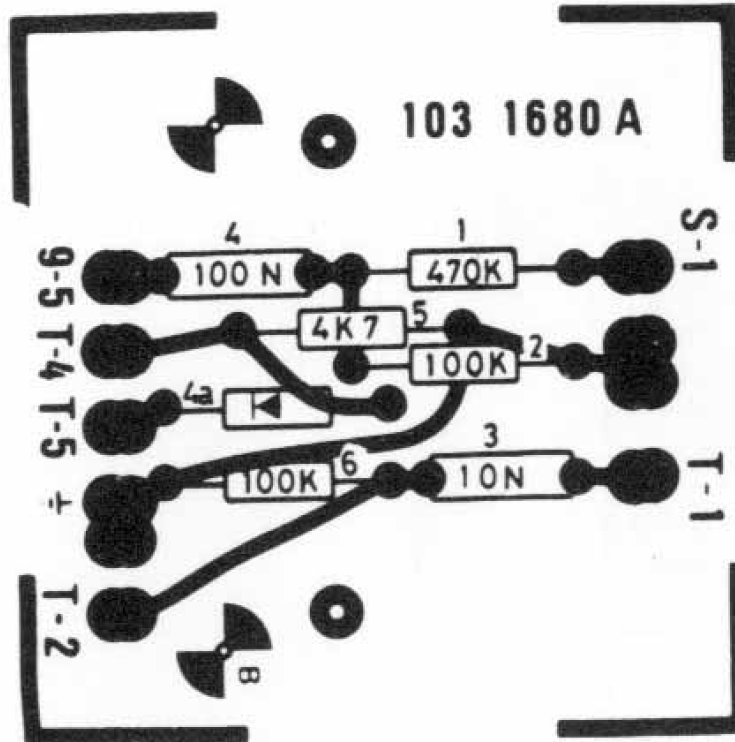












## SUPPLEMENTARY CIRCUIT

PART NO. 003-2182

B

