
wijziging 1 t/m 4 in verwerkt

TECHNISCHE HANDLEIDING

FM RADIO-INSTALLATIES

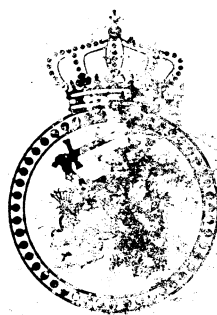
OP BASIS VAN

ZENDER-ONTVANGER, RADIO RT-3600 en

ZENDER-ONTVANGER, RADIO RT-3610

HANDLEIDING VOOR HET ONDERHOUD
IN DE WERKPLAATS, 4e/5e ECHELON

SCHEMAs EN FIGUREN



DMKL/MCCA-ABF

WIJZIGINGEN

Van aangebrachte wijzigingen moet in onderstaande tabel aantekening worden gehouden.

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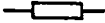
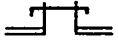
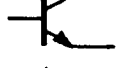
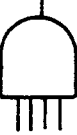
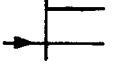
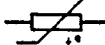
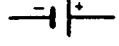
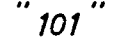
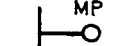
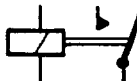
INHOUDSchema's en figuren

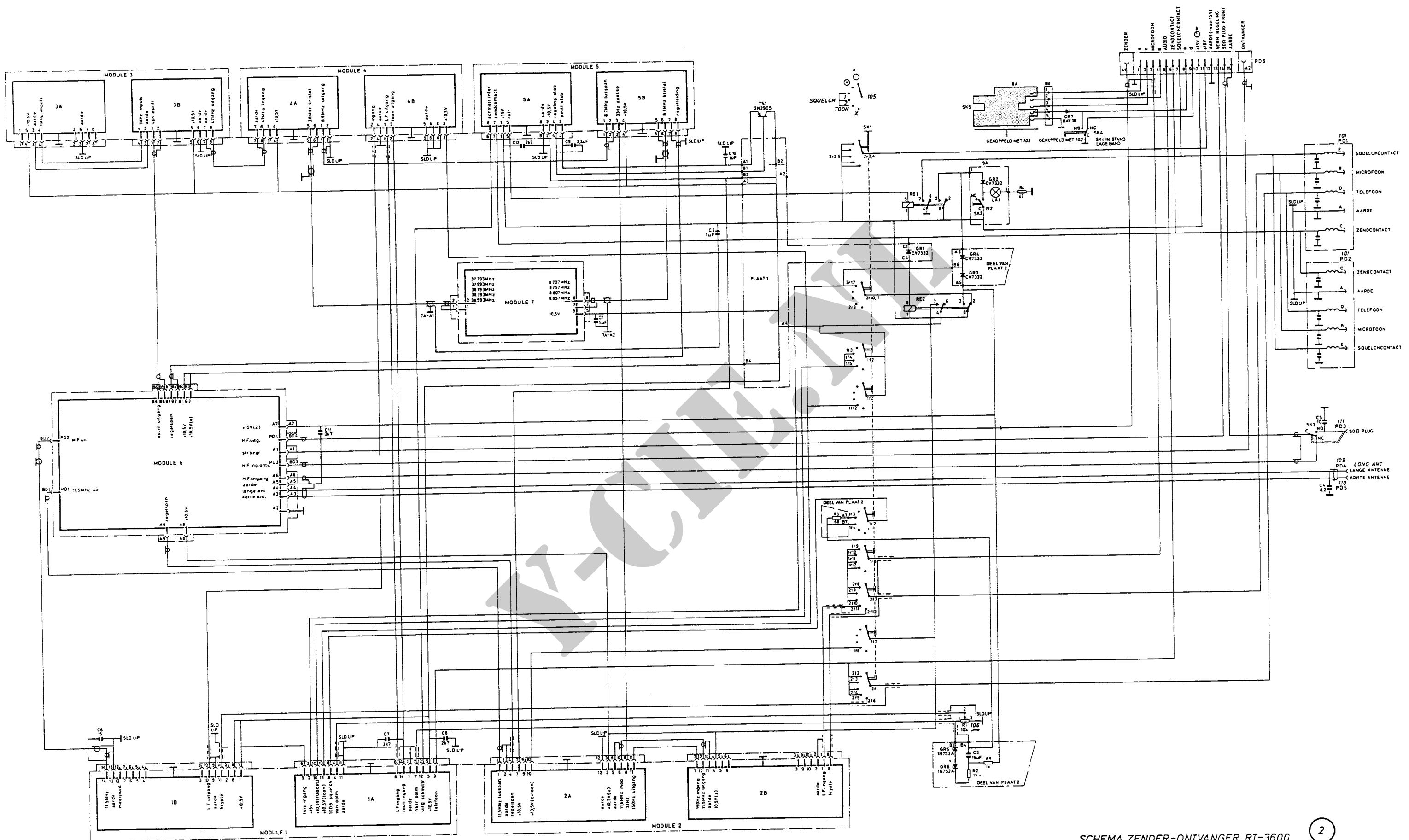
Tekening	1	Symbolenoverzicht	
Tekening	2	Schema zender-ontvanger	RT-3600
Tekening	3	Schema module 6	
Tekening	4	Module 1	
Tekening	5	Module 2	
Tekening	6	Module 3	
Tekening	7	Module 4	
Tekening	8	Module 5	
Tekening	9	Module 7	
Tekening	10	Schema zender-ontvanger	RT-3610
Tekening	11	Schema Module 29	
Tekening	12	Module 30	
Tekening	13	Module 32	
Tekening	14	Module 28	
Tekening	15	Schema Module 27	
Tekening	16	Module 31	
Tekening	17	Schema Voedingstoestel	PP-3620
Tekening	18	Schema Batterijhouder	BX-3600
Tekening	19	Schema Batterijhouder	BX-3610
Tekening	20	Schema Doorverbindingskast	JB-3600
Tekening	21	Schema Doorverbindingskast	JB-3610
Tekening	22	Schema H.f.-versterker	AM-3600
Tekening	23	Schema Antenne-Afstemeenheid	RF-3610
Tekening	24	Schema Antenne-eenheid	RF-3620
Tekening	25	Schema Regel- en Intercommunicatie Eenheid	IC-3620
Tekening	26	Schema Regel- en Luidsprekereenheid	AF-3620
Tekening	27	Schema Schakelkast	C-3621
Tekening	28	Schema Luidspreker	LS-3621
Tekening	29	Doorverbindingsdoos	JB-3620
Tekening	30	Meetaansluitkast	TS-3603
Tekening	31	Meetaansluitkast	TS-3604
Tekening	32	Meetaansluitkast	TS-3605

Tekening 33	Meetaansluitkast	TS-3606
Tekening 34	Meetaansluitkast	TS-3607
Tekening 35	Meetaansluitkast	TS-3608
Tekening 36	Meetaansluitkast	TS-3609
Tekening 37	Meetaansluitkast	TS-3610
Tekening 38	Meetaansluitkast	TS-3611
Tekening 39	Meetaansluitkast	TS-3612
Tekening 40	Demonteren en monteren van Modules	
Tekening 41	Printplaten Module 6	
Tekening 42	Bedrading Module 6	
Tekening 43	Demonteren van Module 6 (H.f.-versterker)	RT-3600
Tekening 44	Demonteren van Module 6 (H.f.-versterker)	RT-3600
Tekening 45	Demonteren en monteren van Module 7	RT-3600
Tekening 46	Printplaten 8 en 9	
Tekening 47	Demontage Module 10	RT-3600
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Tekening 49	Demonteren en monteren Differentieel-eenheid	RT-3600
Tekening 50	Module 11	
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Tekening 56	Module 16	
Tekening 57	Module 17	
Tekening 58	Schema Module 18	
Tekening 59	Module 21	
Tekening 60	Schema Module 23	
Tekening 61	Demonteren en monteren van de Aansluitstroken in de	C-3621
Tekening 62	Monteren van Contactdozen en regelbare Weerstanden	C-3621
Tekening 63	Module 26	
Tekening 64	Printplaat Module 27	
Tekening 65	Demontage Module 28	
Tekening 66	Printplaten Module 29	

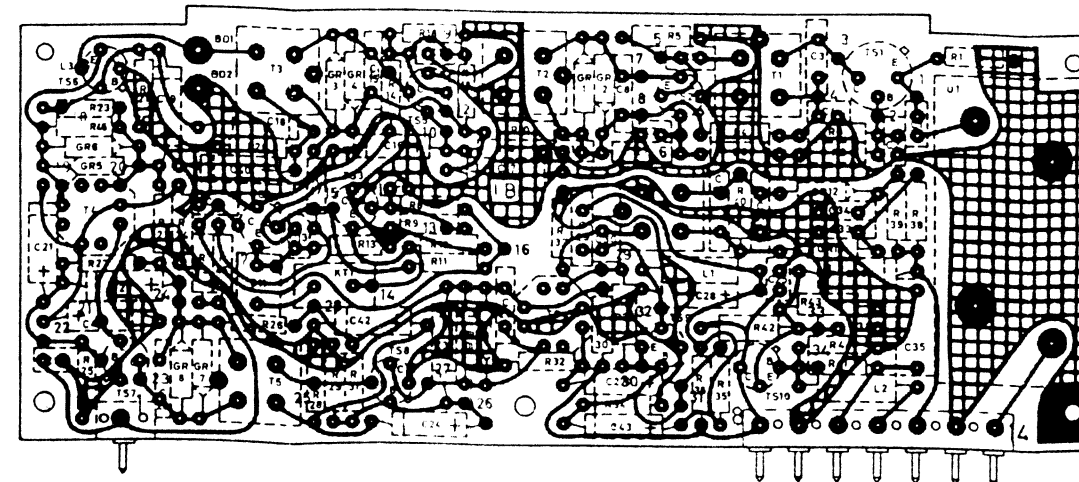
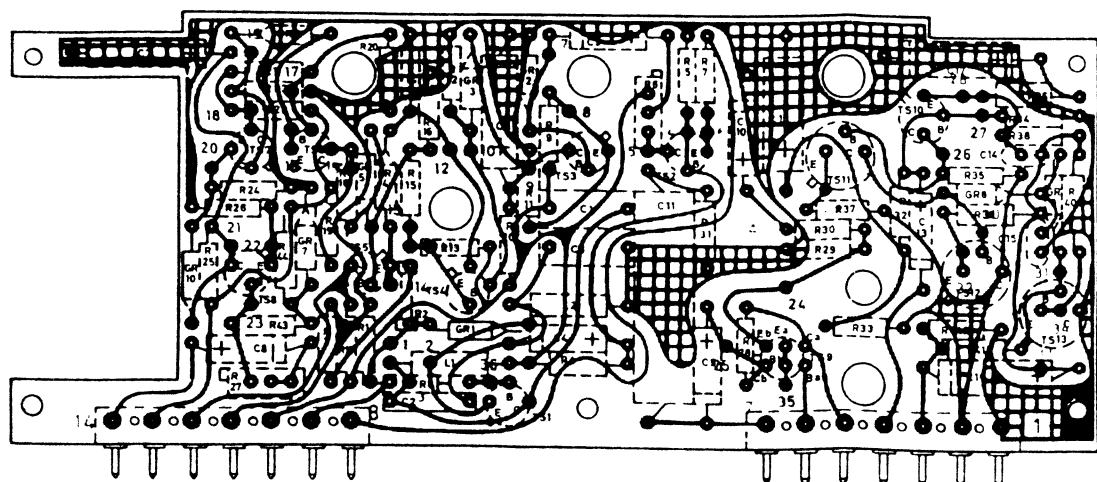
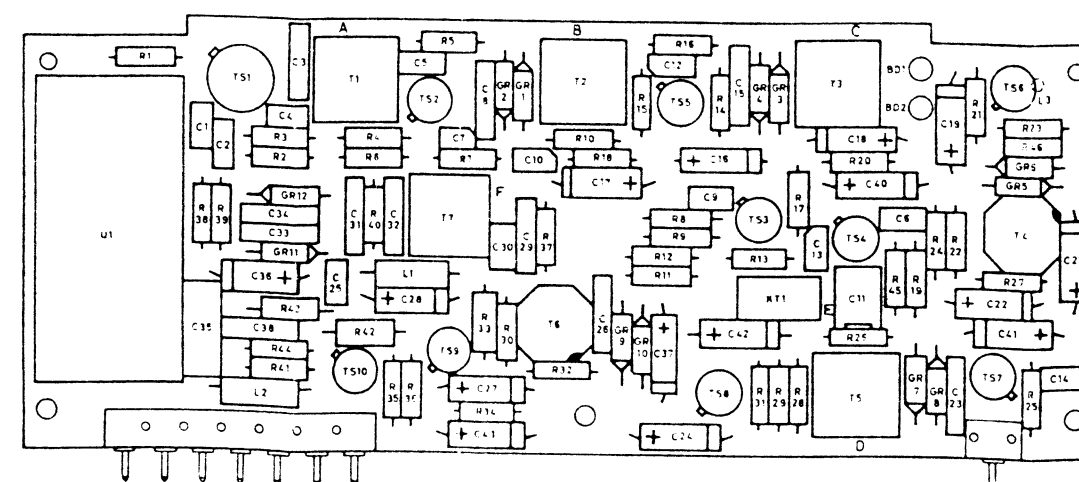
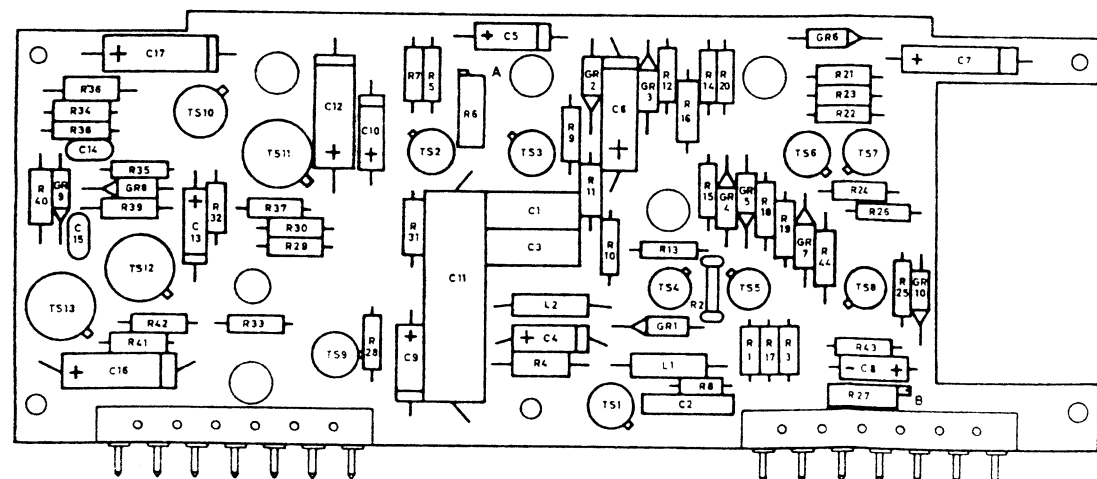
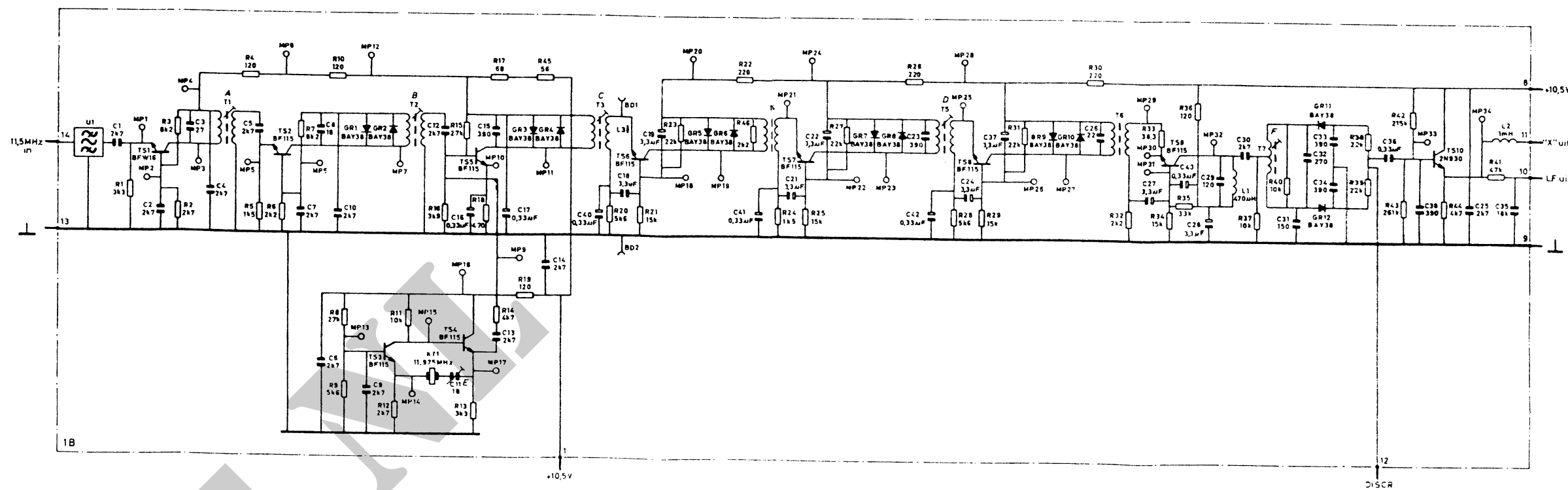
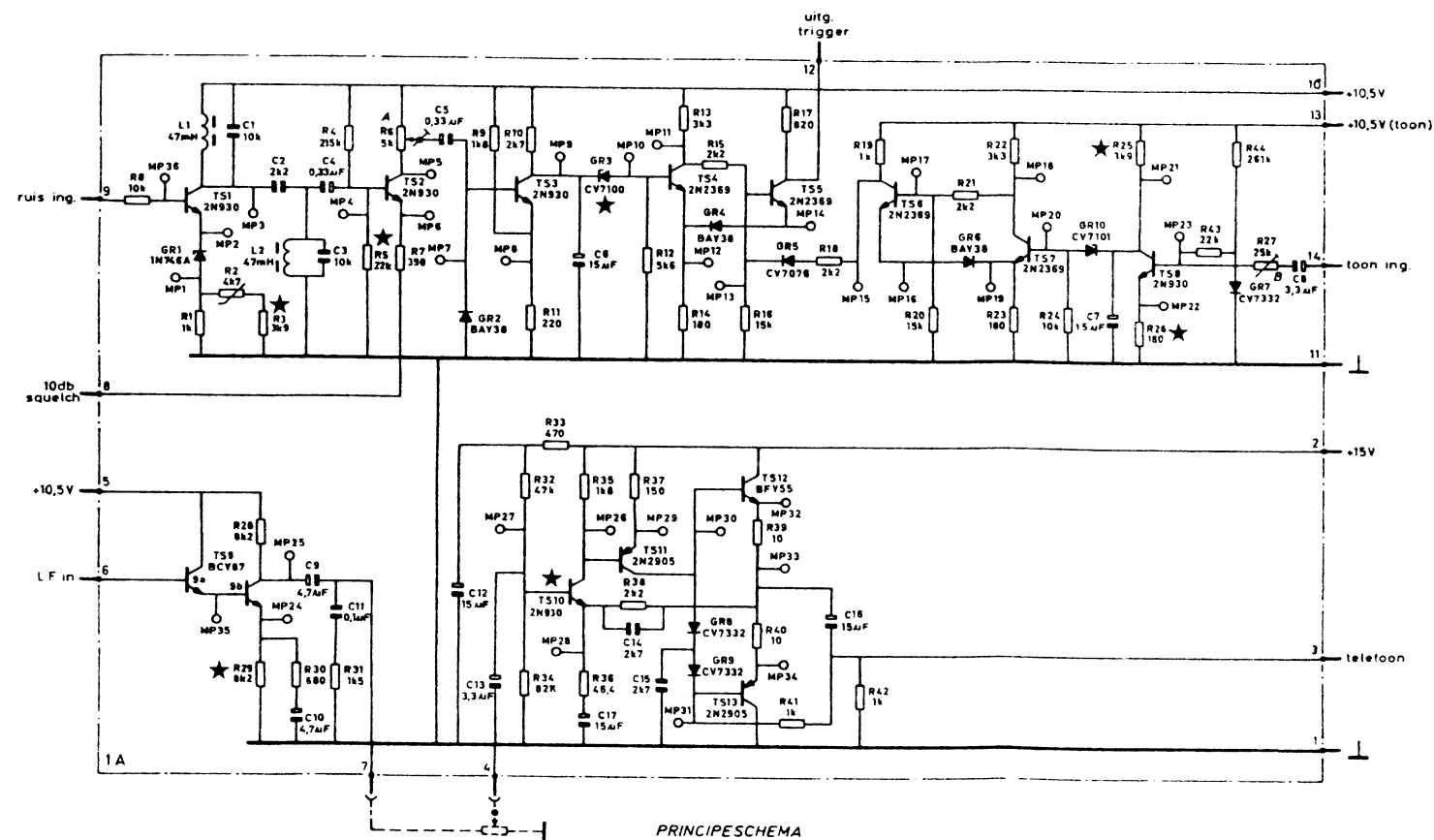
Tekening 67	Bedrading Module 29
Tekening 68	Module 33
Tekening 69	Demontieren en monteren aandrijf- mechanisme
Tekening 70	Schema Module 38
Tekening 71	Schema Module 39
Tekening 72	Module 40
Tekening 73	Demontieren en monteren Module 40
Tekening 74	Schema Module 43
Tekening 75	Schema Module 44
Tekening 76	Demontage Module 44
Tekening 77	Module 45
Tekening 78	Demontage Module 45
Tekening 79	Module 46
Tekening 80	Module 47
Tekening 81	Demontage Module 47
Tekening 82	Schema Module 48
Tekening 83	Schema Module 49
Tekening 84	Module 50
Tekening 85	Printplaten Module 53
Tekening 86	Demontage Module 53
Tekening 87	Module 54
Tekening 88	Module 57
Tekening 89	Module 60
Tekening 90	Demontage Module 60
Tekening 91	Schema Module 62
Tekening 92	Schema Module 63

RT-3610

	WEERSTAND (R)		TRANSISTOR PNP (TS)		MECH. KOPPELING		LAAG-DOORLATEND FILTER		OF-POORT
	POTENTIOMETER		TRANSISTOR NPN		VERBINDING MET MASSA		HOOG-DOORLATEND FILTER		EN-POORT
	WEERSTAND MET INSTEL- BARE AFTAKKING		VELDEFFECT-TRANSISTOR		AARDING		BAND-DOORLATEND FILTER		
	NTC WEERSTAND		BATTERIJ, ACCU		PERMANENT GELEIDENDE VERBINDING				
	CONDENSATOR (C)		KWARTS KRISTAL (KT)		NIET PERMANENT GELEIDENDE VERBINDING				
	ELECTROL. CONDENSATOR		SIGNAALLAMP (LA)		IN		PULSGENERATOR		
	DOORVOERCONDENSATOR		BUSCONTACT (BD)		UIT				
	SPOEL, WIKKELING (L)		PENSTEKER (PS)		INGANG		VERSTERKER		
	TRANSFORMATOR (T)		COAX. BUSCONTACT		UITGANG				
	FERRIETKRAAL (L)		COAX. PENSTEKER		"101" GRAVERING		HF-OSCILLATOR		
	FERRO MAGNETISCHE KERN VAN GELEIDEND MATERIAAL		MEETPUNT (MP)		WISSELSTROOM		LF-OSCILLATOR		
	FERRO MAGN. KERN VAN NIET GELEIDEND MATERIAAL		MOTOR (M)		GELUKSTROOM				
	REGELBAAR		TELEFOON (TFN)		THERM. SYSTEEM		KRISTAL OSCILLATOR		
	INSTELBAAR		MICROFOON (MC)		MAGN. MAX. BEV.				
	HALFGELEIDER DIODE (GR)		LUIDSPREKER (LS)		OMSCHAKELAAR MET GEISOLEERDE MIDDENSTAND		FAZE DISCRIMINATOR		
	ZENERDIODE		TELEMICROFOON				VERZWAKKER		
	VARICAP		AFGESCHERMDE LEIDING				VORKEENHEID		
	SCHAKELAAR (SK)		COAX. LEIDING						
	OMSCHAKELAAR		ANTENNE						
	SCHAKELAAR (4 STANDEN)		BEDIENING MET DE HAND						
	DRUKSCHAKELAAR		MECH. VERBINDING						
	RELAIS (RE)								

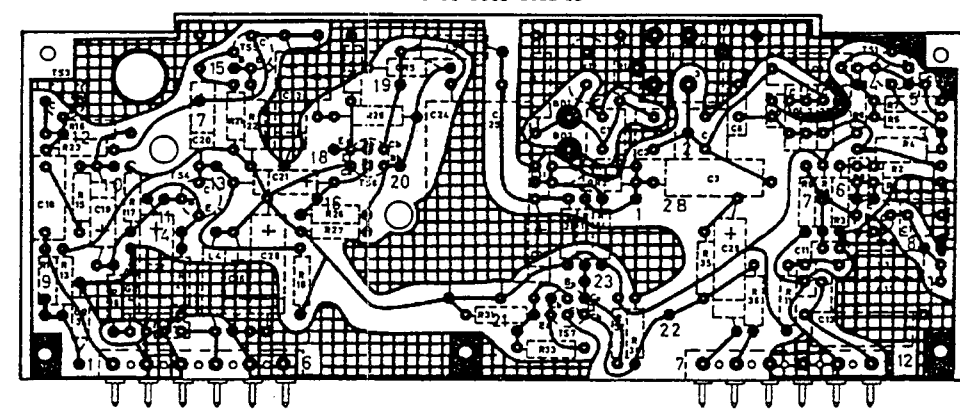
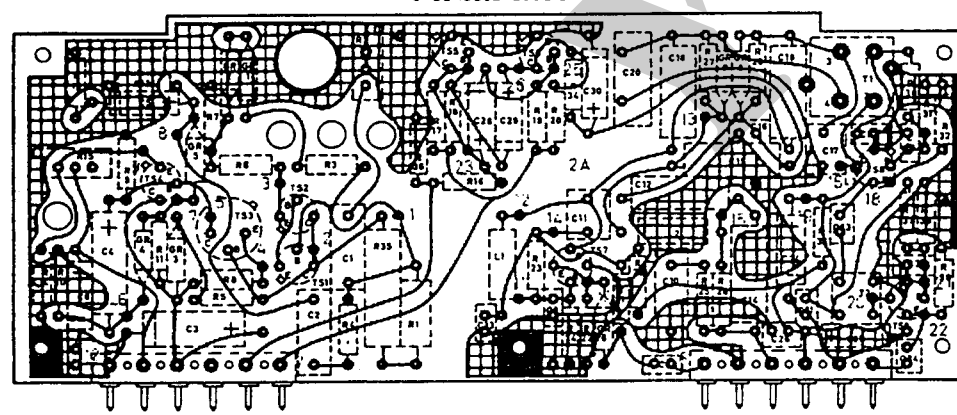
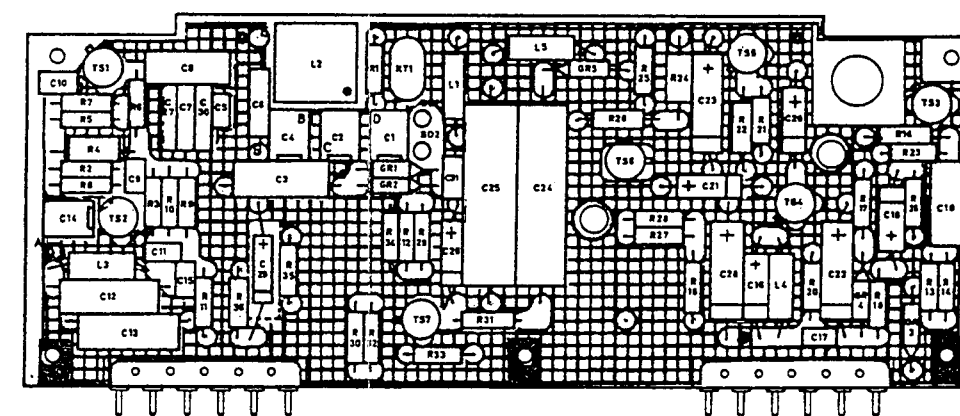
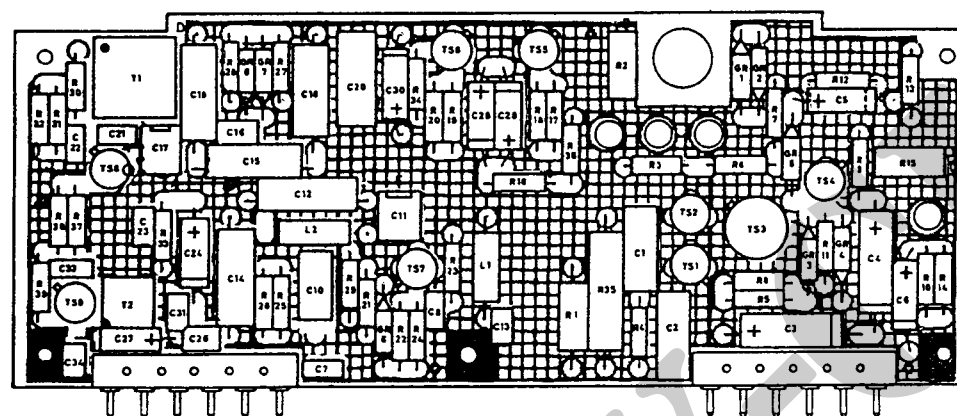
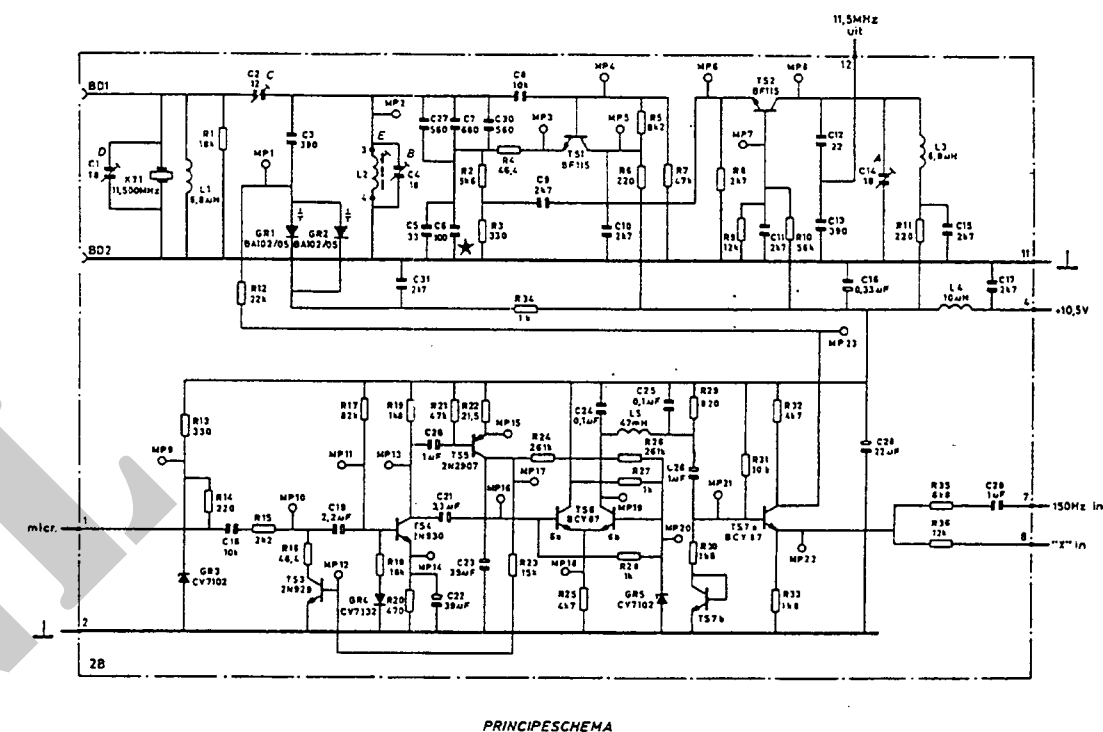
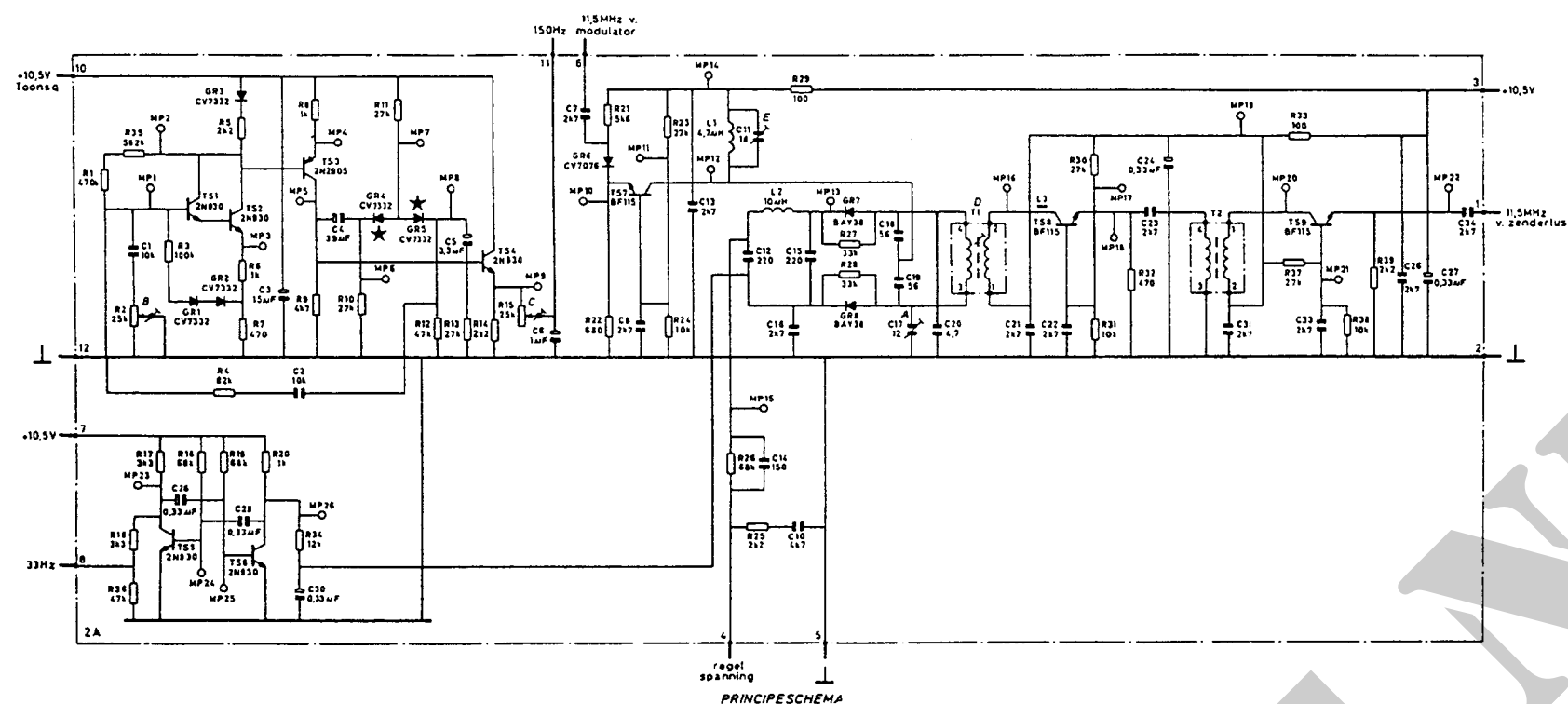


SCHEMA ZENDER-ONTVANGER RT-3600



★ R29 = 10k OP PRENTPLATEN 1A UITVOERING "3"; ZIE UITVOERINGSVORMEN
 R5 = 27k OP PRENTPLATEN 1A UITVOERING "3"; EN "4"; ZIE UITVOERINGSVORMEN
 TS10 = BFY 55 OP PRENTPLATEN 1A UITVOERING "3"; "4"; EN "5"; ZIE UITVOERINGSVORMEN
 R25 = 6k8 } OP PRENTPLATEN 1A UITVOERING "3"; "4"; "5"; EN "6"; ZIE UITVOERINGSVORMEN
 R26 = 330 }
 GR3 = CV7101 OP PRENTPLATEN 1A UITVOERING "3"; "4"; "5"; "6"; EN "7"; ZIE UITVOERINGSVORMEN
 R3 = 470 OHM OP PRENTPLATEN 1A UITVOERING "3"; "4"; EN "8"; ZIE UITVOERINGSVORMEN

4/5 TH 11-170

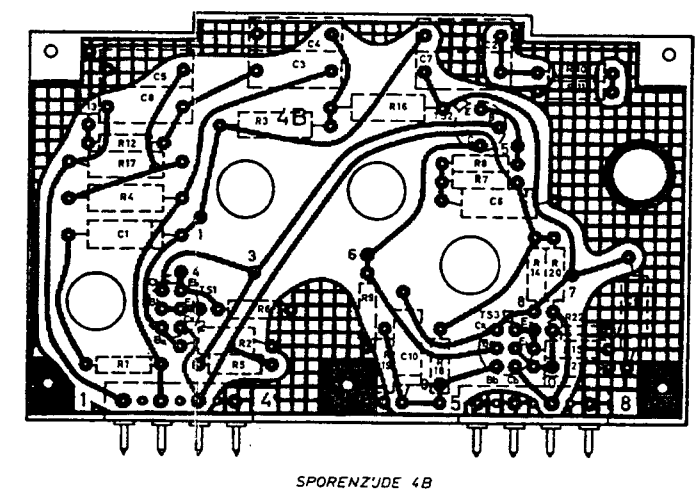
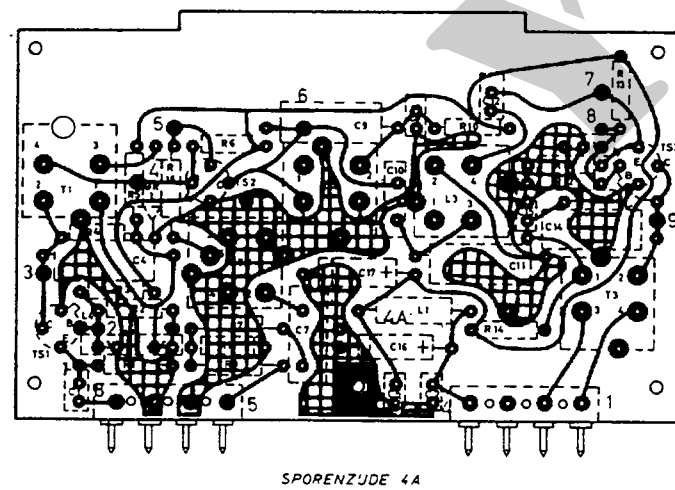
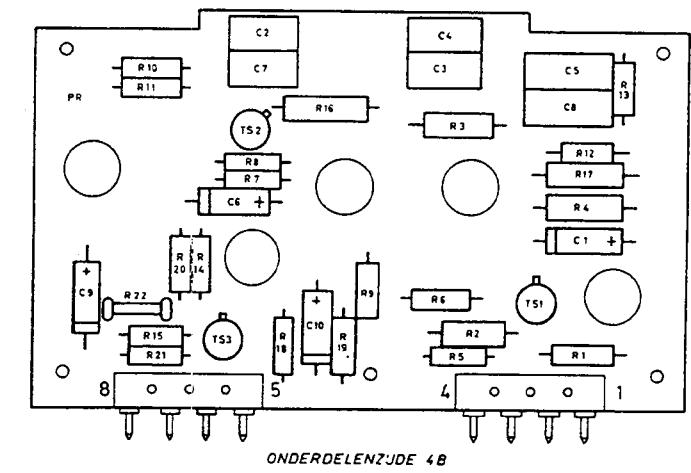
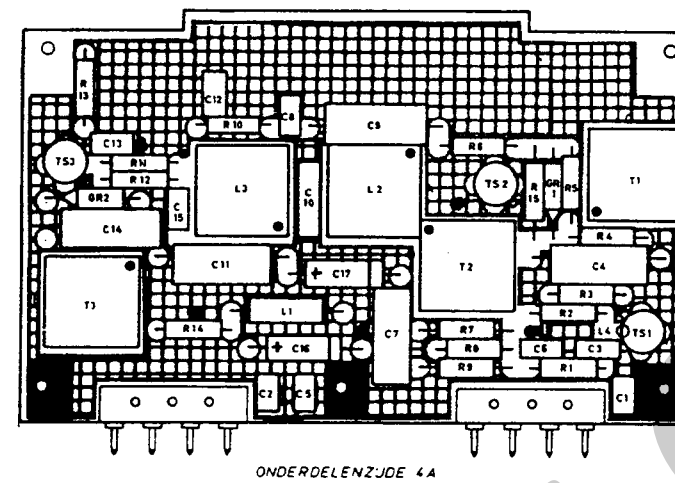
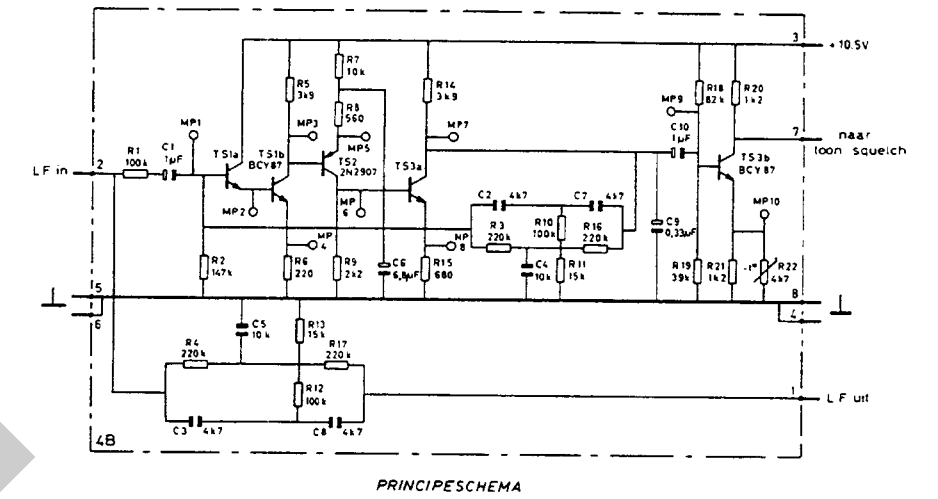
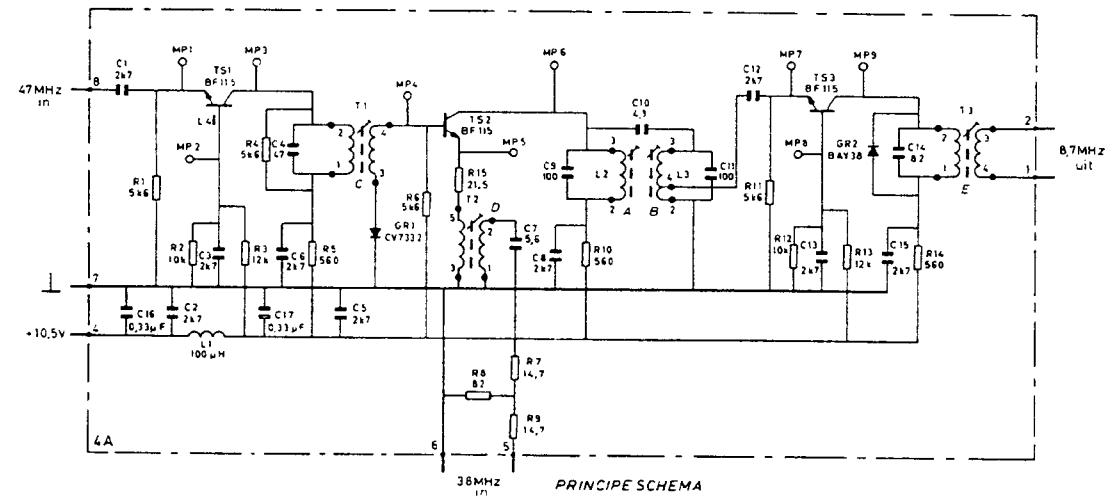


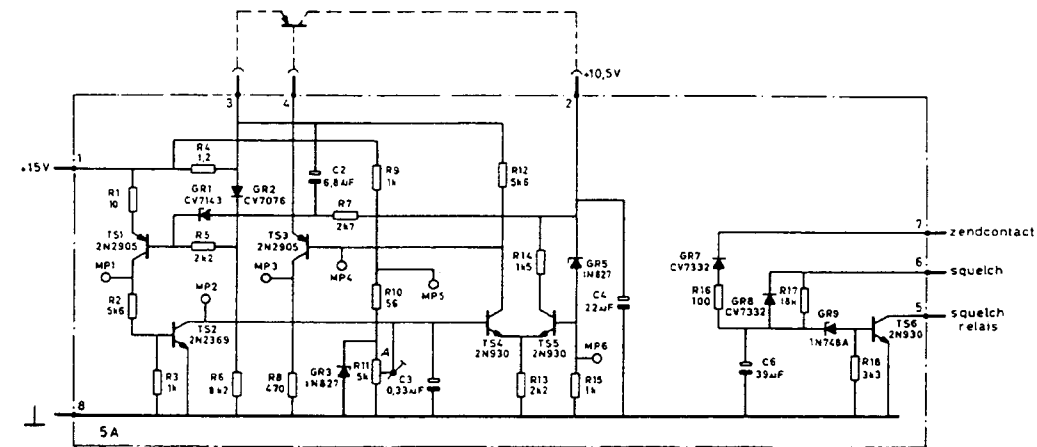
*GR4, GR5: CV7076 OP PRENTPLATEN 2A UITVOERING "2", ZIE UITVOERINGSVORMEN
C6 = 91pf OP PRENTPLATEN 2B UITVOERING "3", ZIE UITVOERINGSVORMEN

TEKENING 5

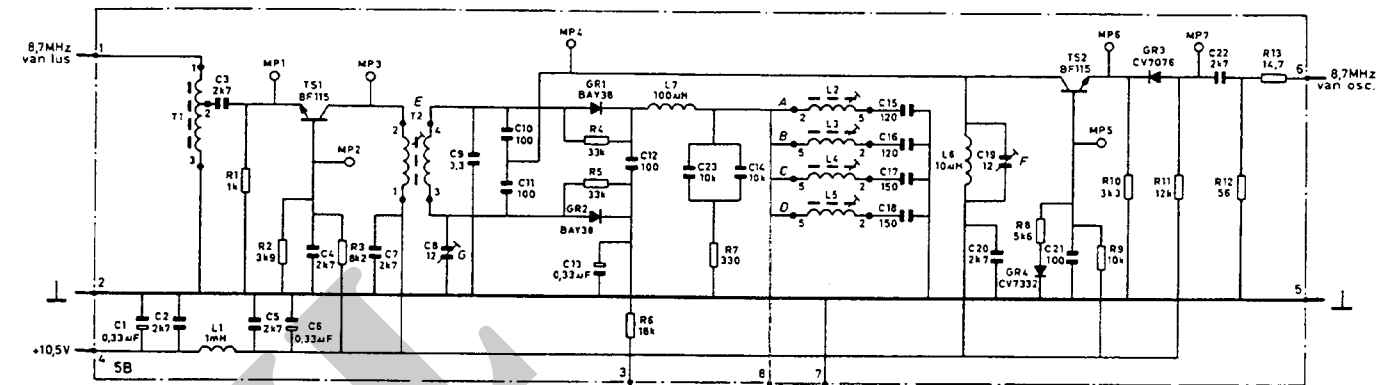
MODULE 2

5

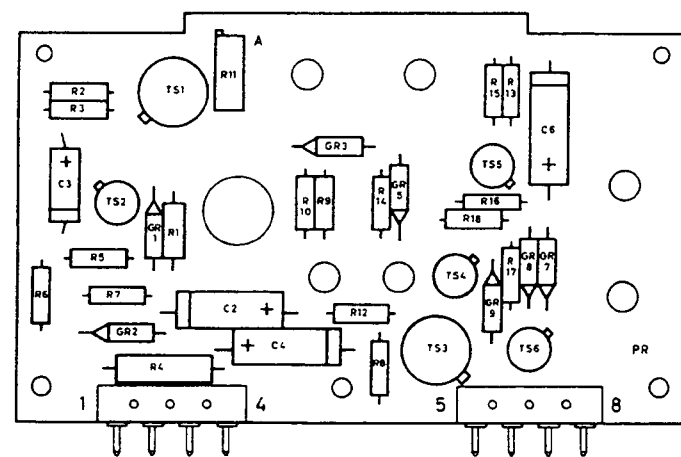




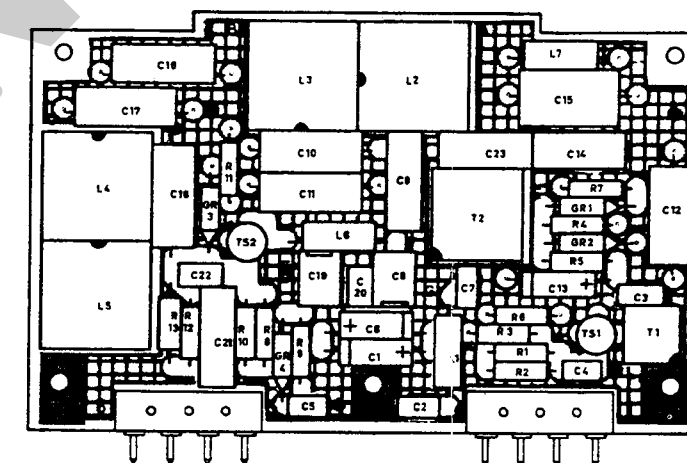
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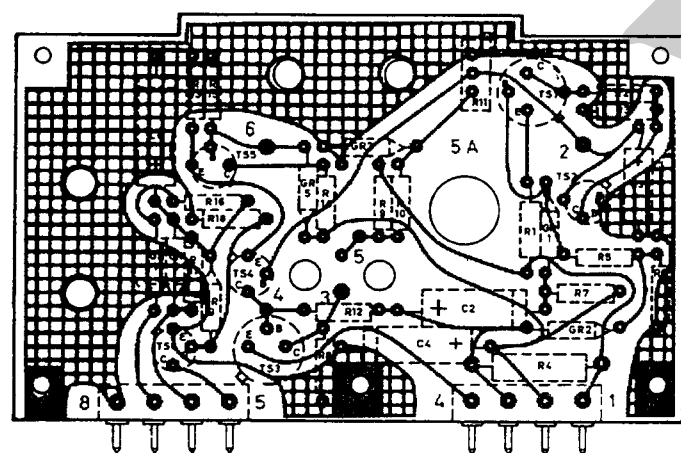
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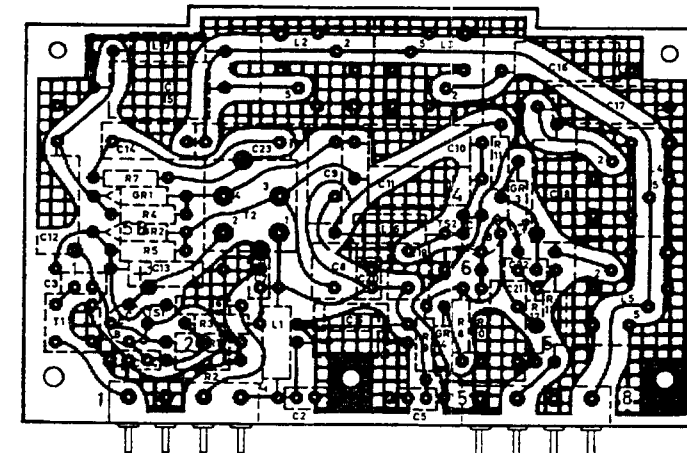
ONDERDELENZIJDE 5A



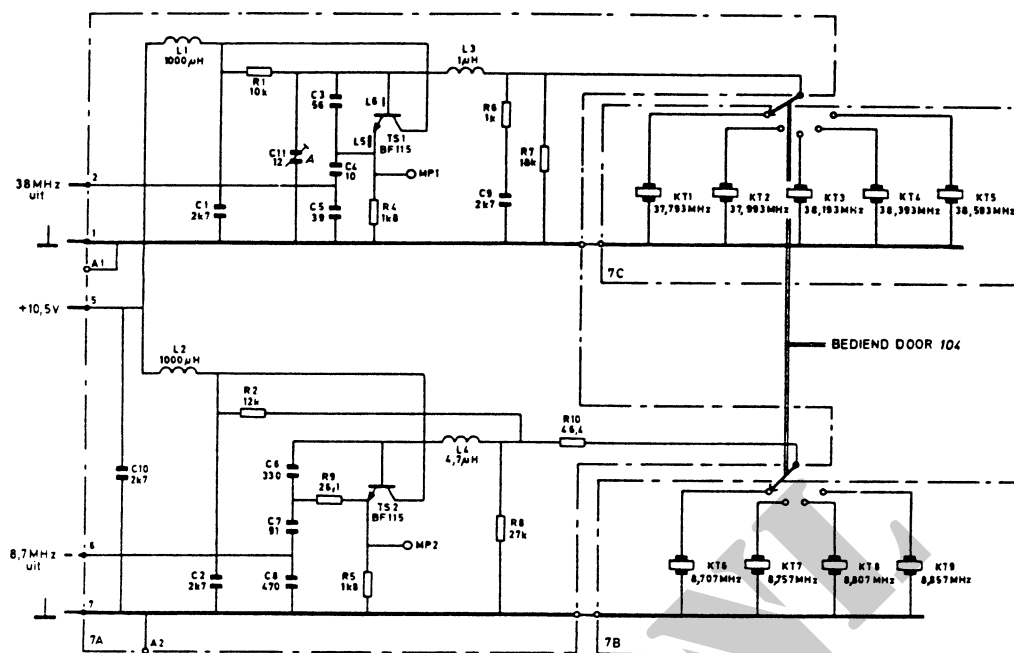
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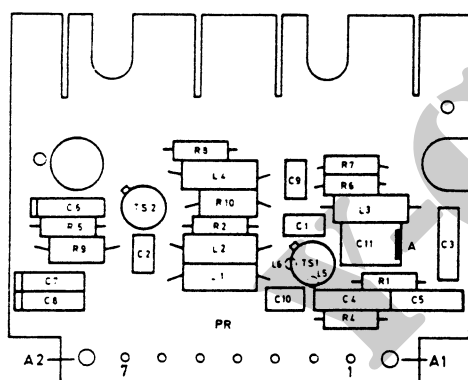
SPORENZIJDE 5A



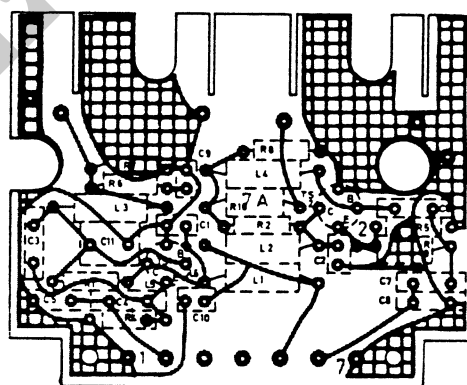
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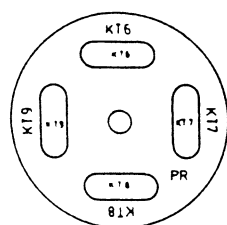
PRINCIPESCHEMA



ONDERDELENZIJDE 7A



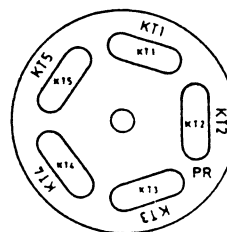
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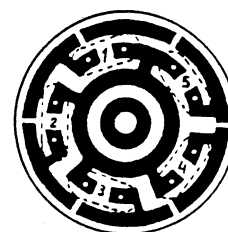
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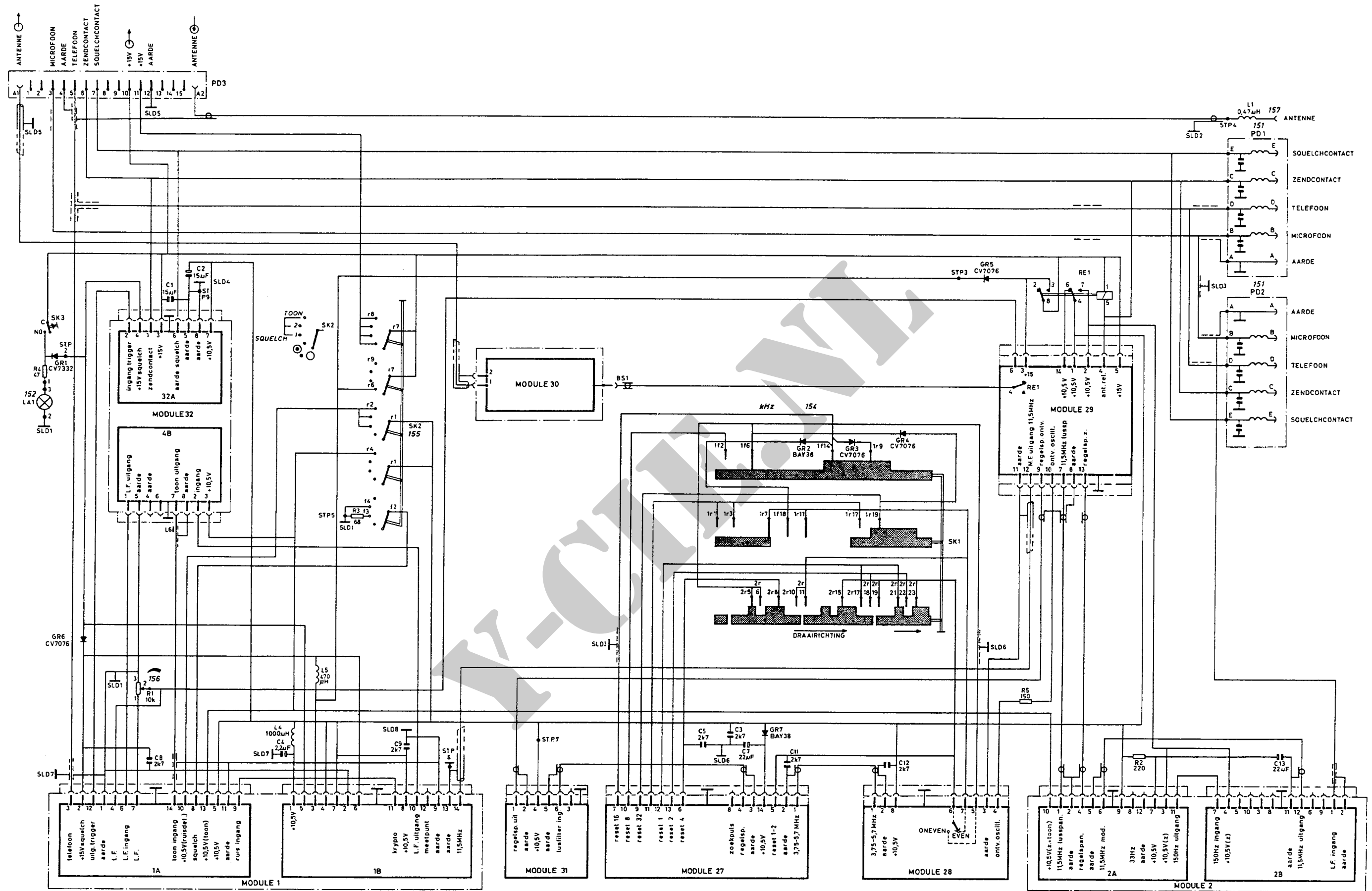
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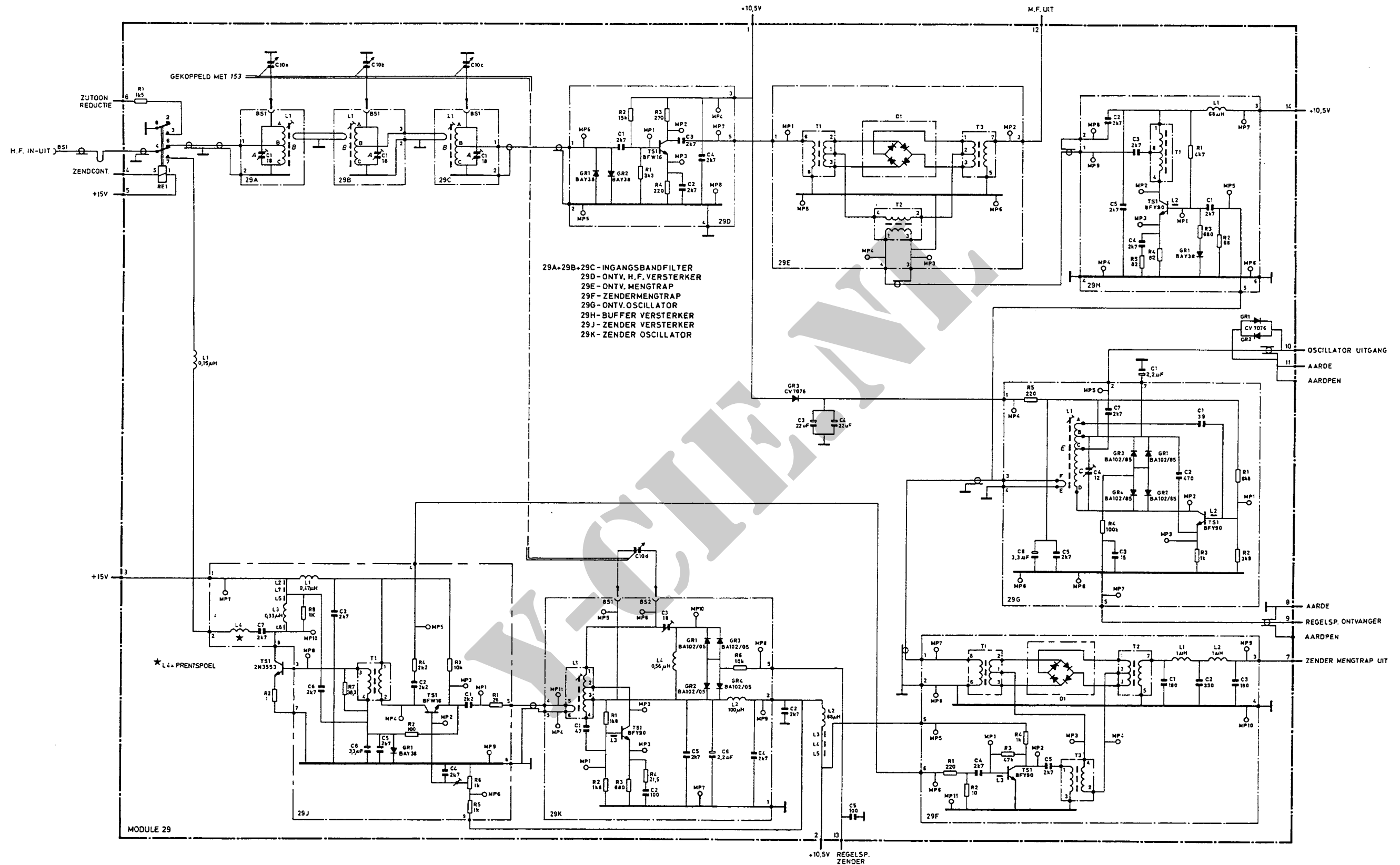


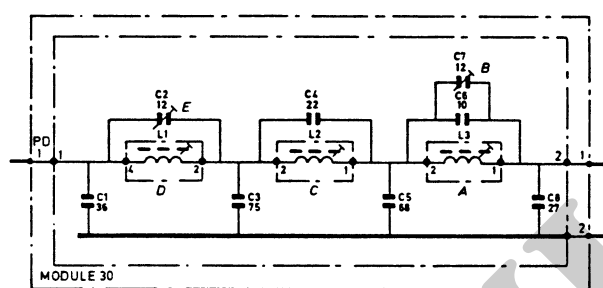
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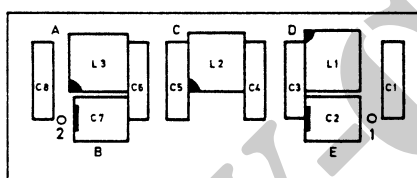
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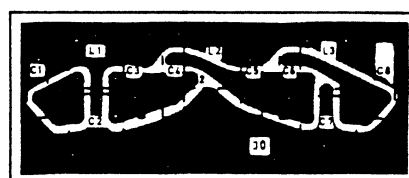




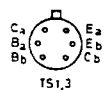
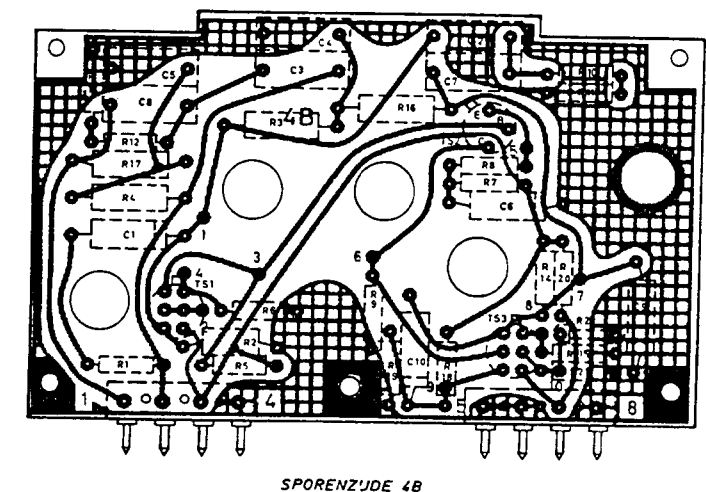
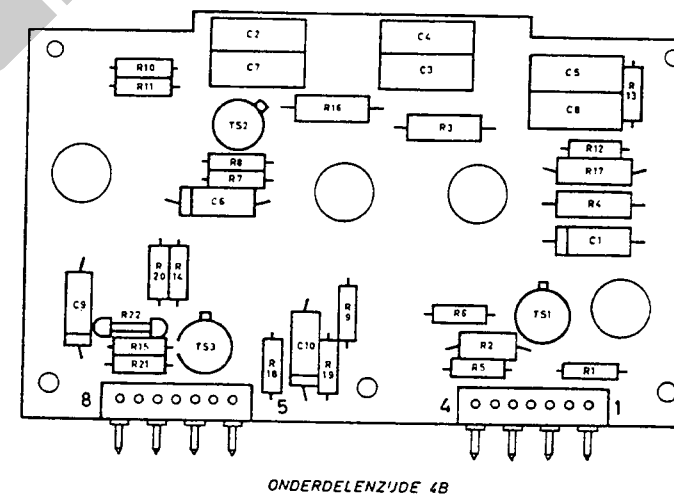
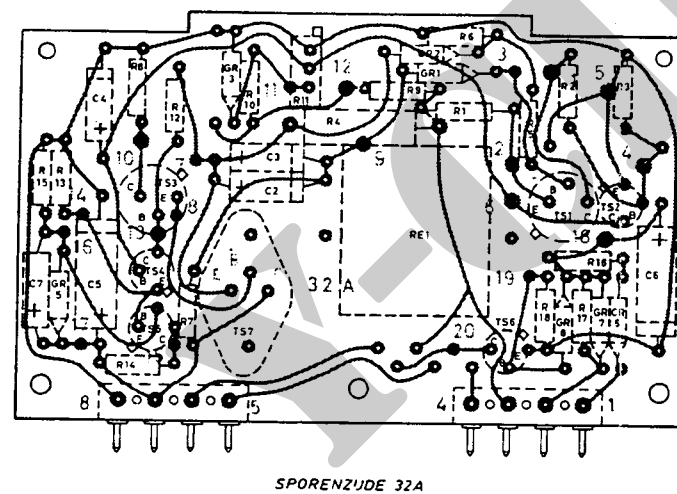
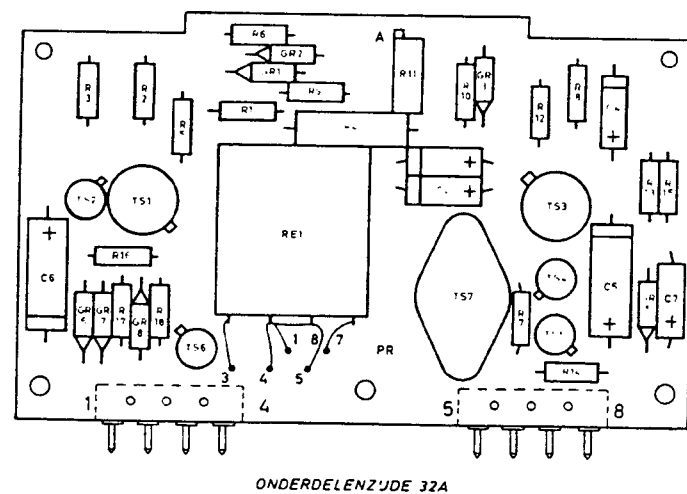
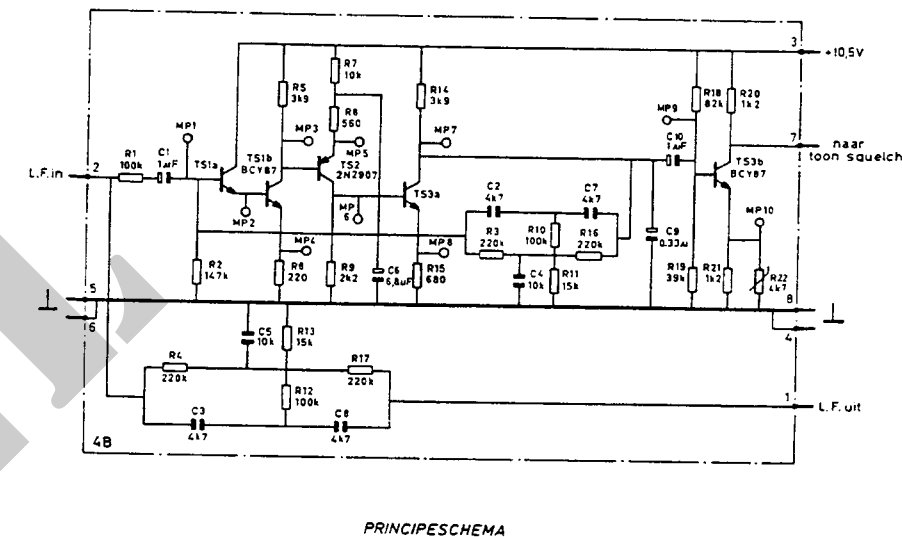
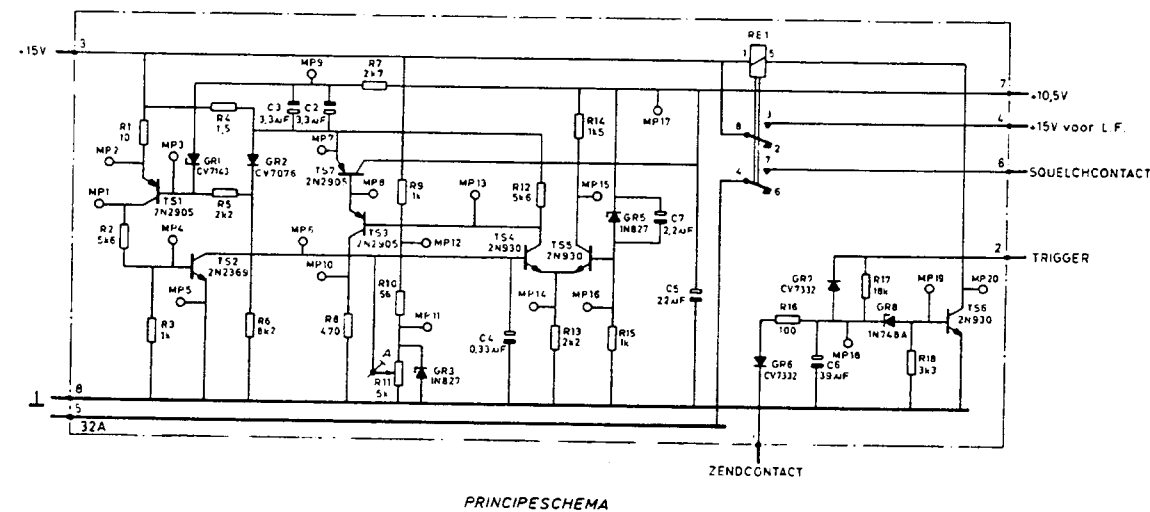
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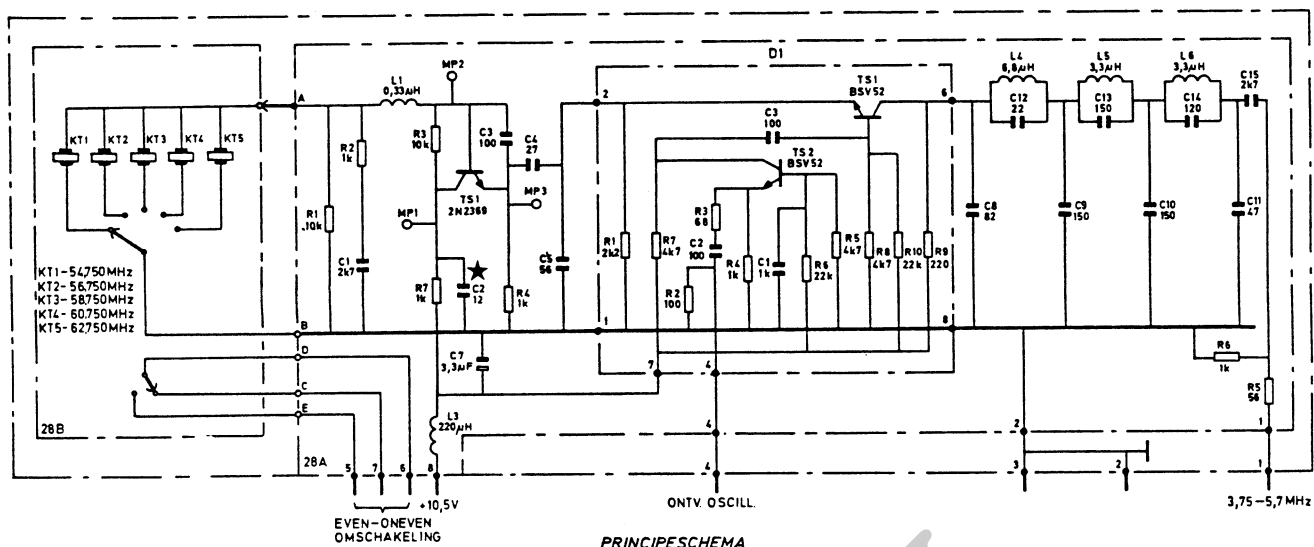


ONDERDELENZUDE 30

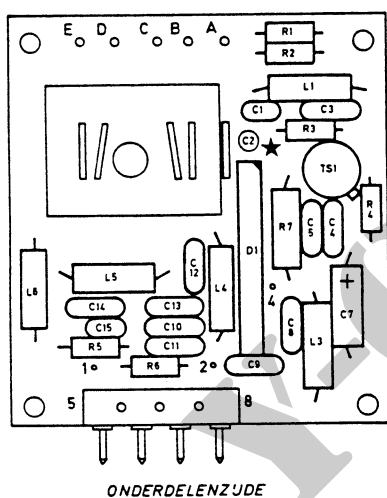


SPORENZUDE 30

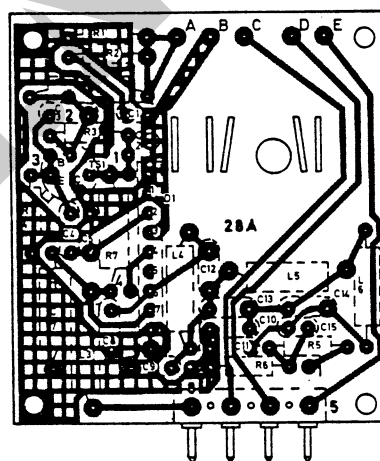




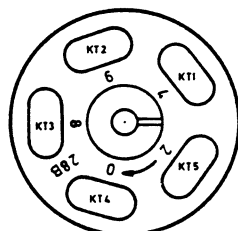
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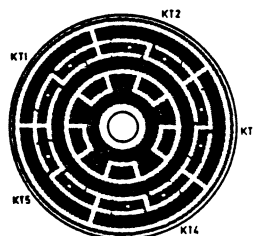
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SPORENZUDE

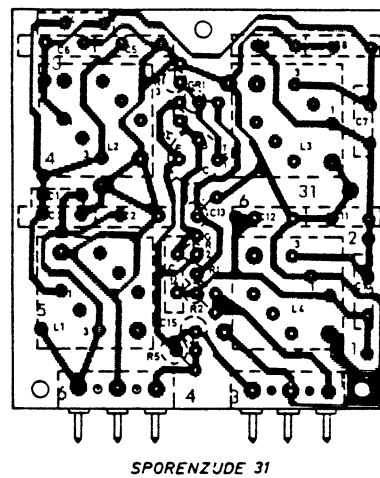
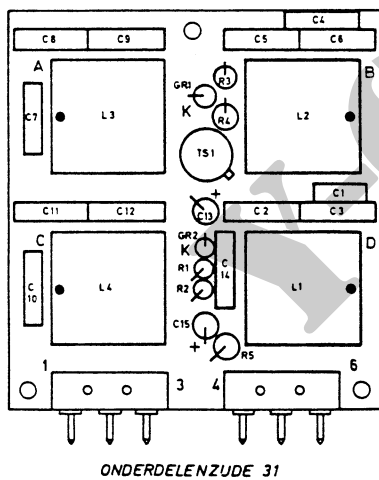
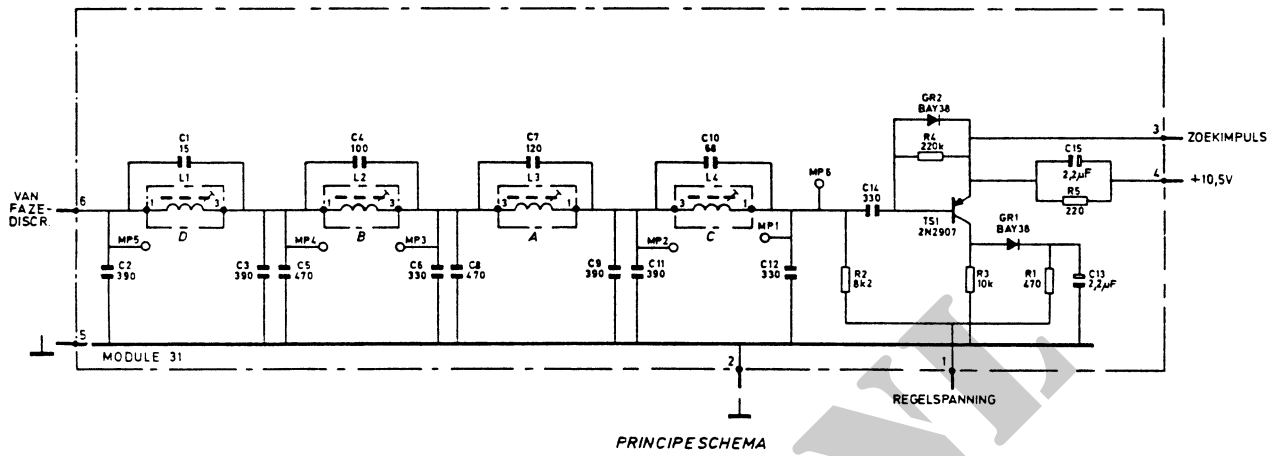


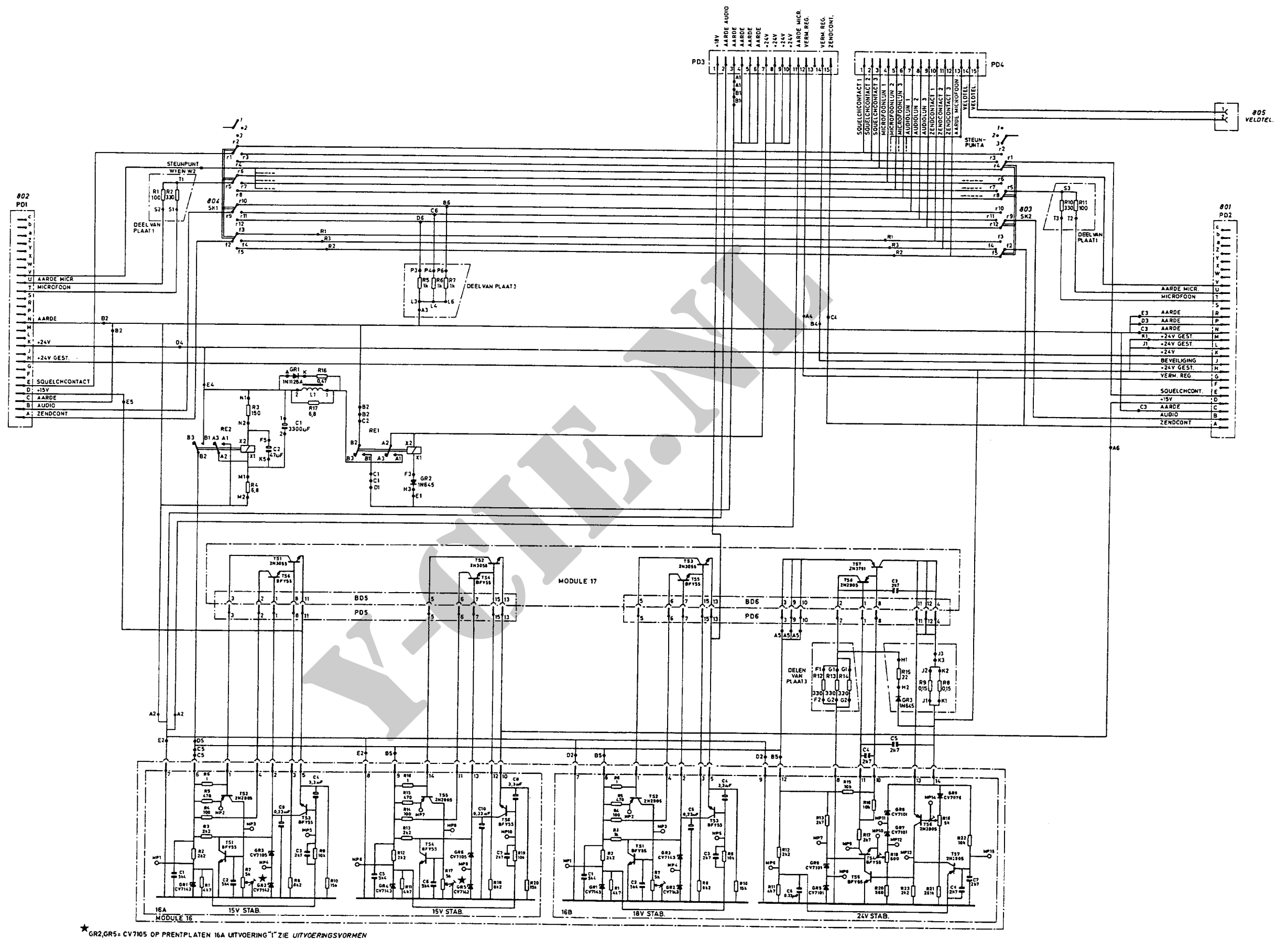
ONDERDELENZUDE

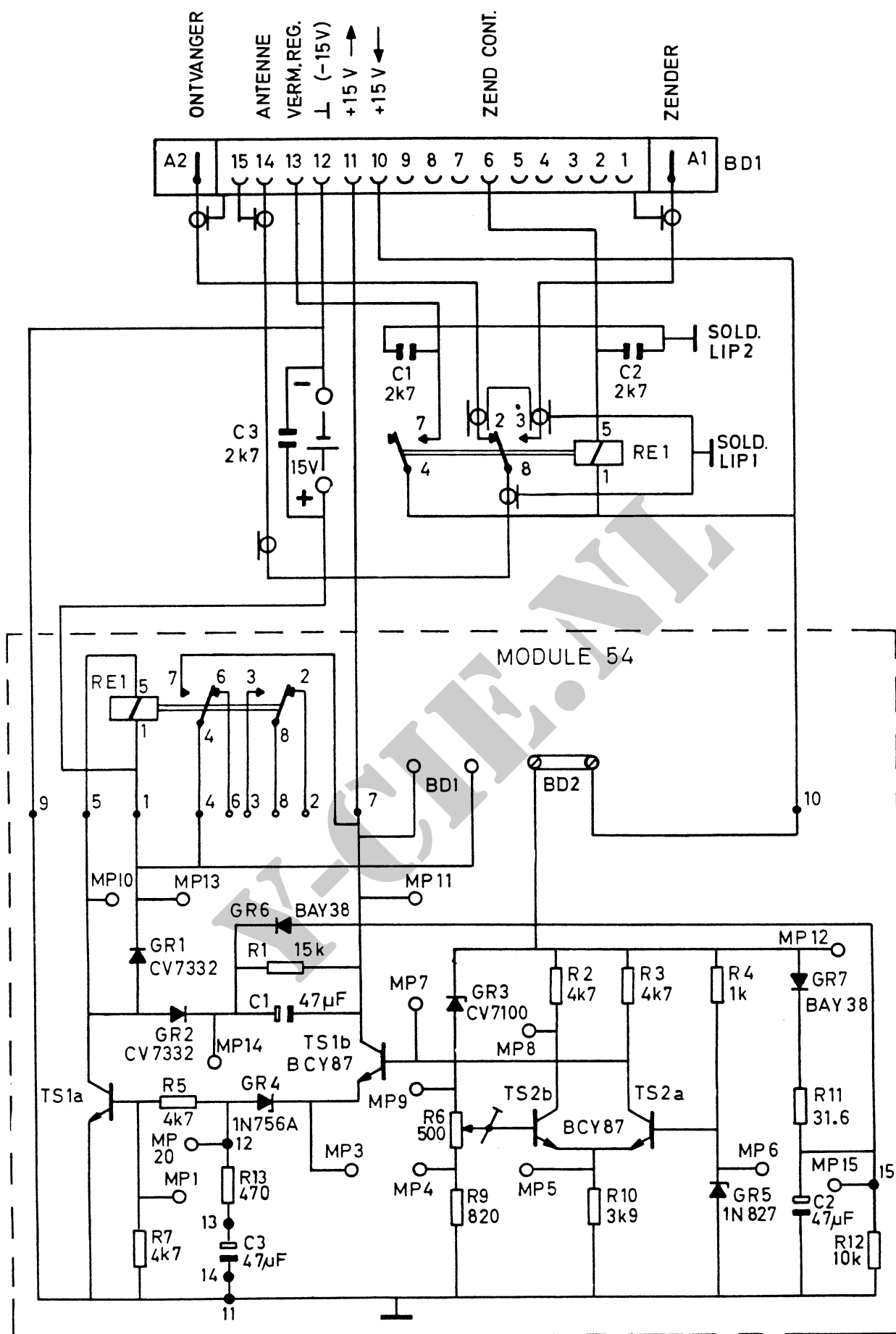


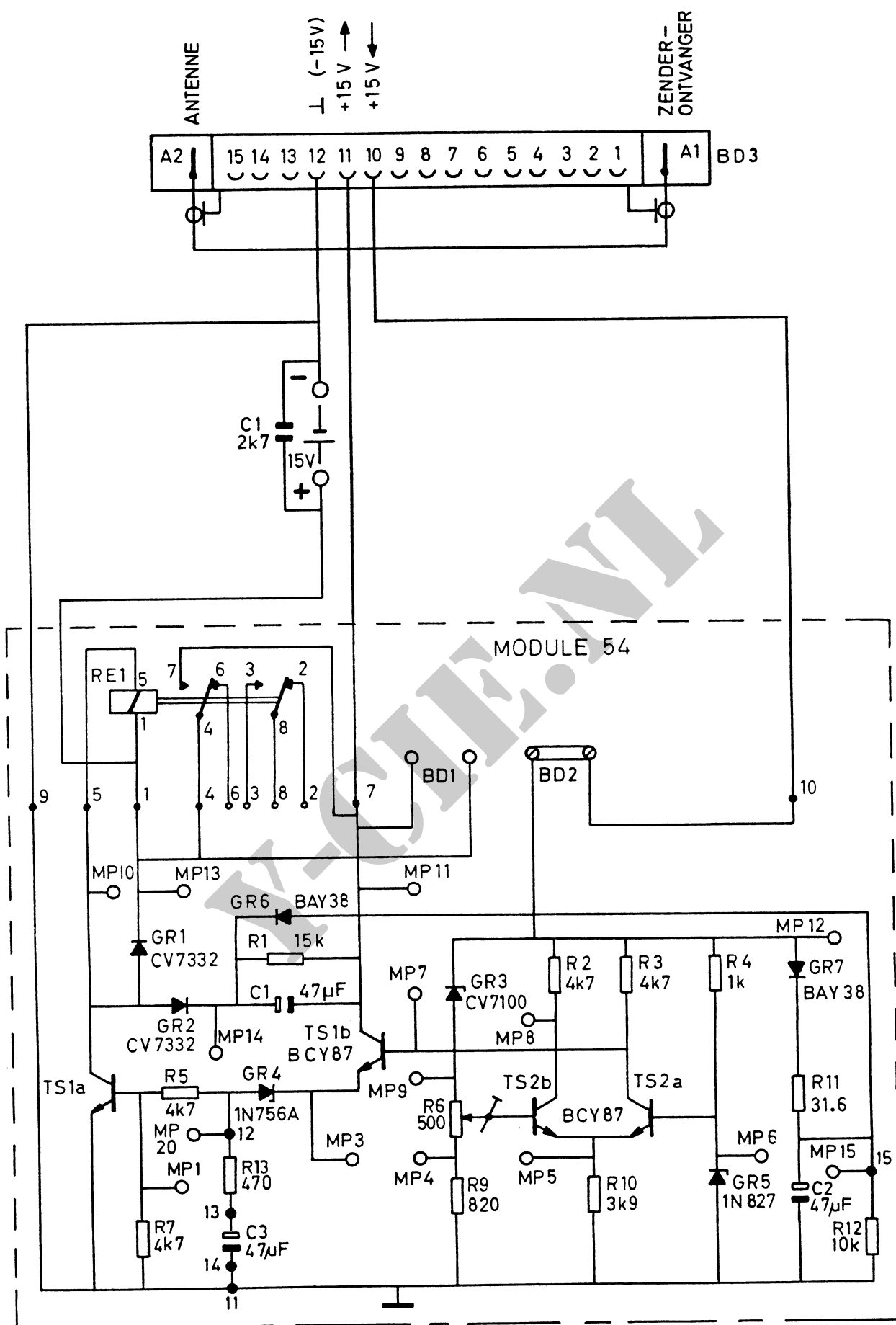
SPORENZUDE

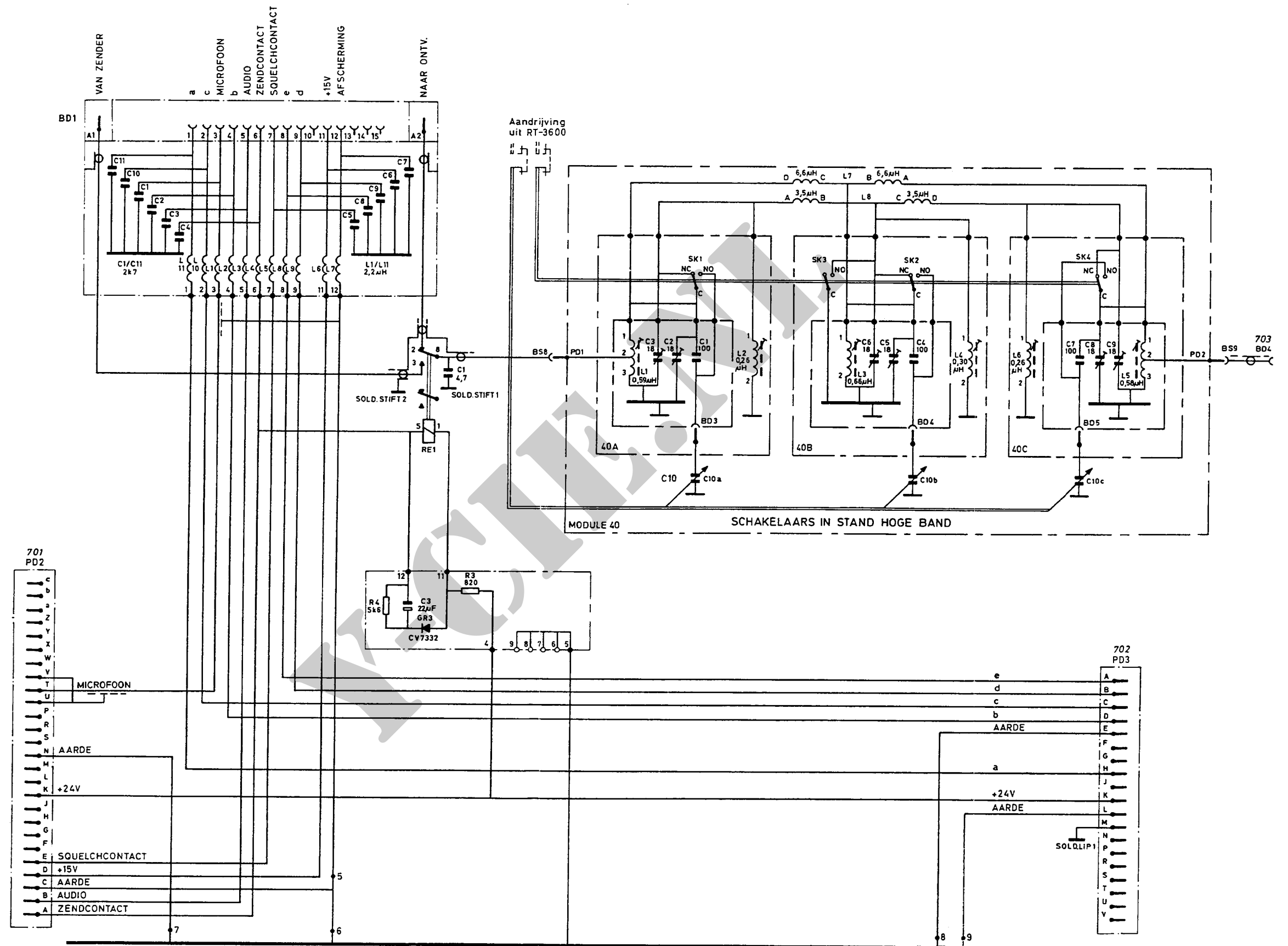
★ C2, ZIE UITVOERINGSVORMEN

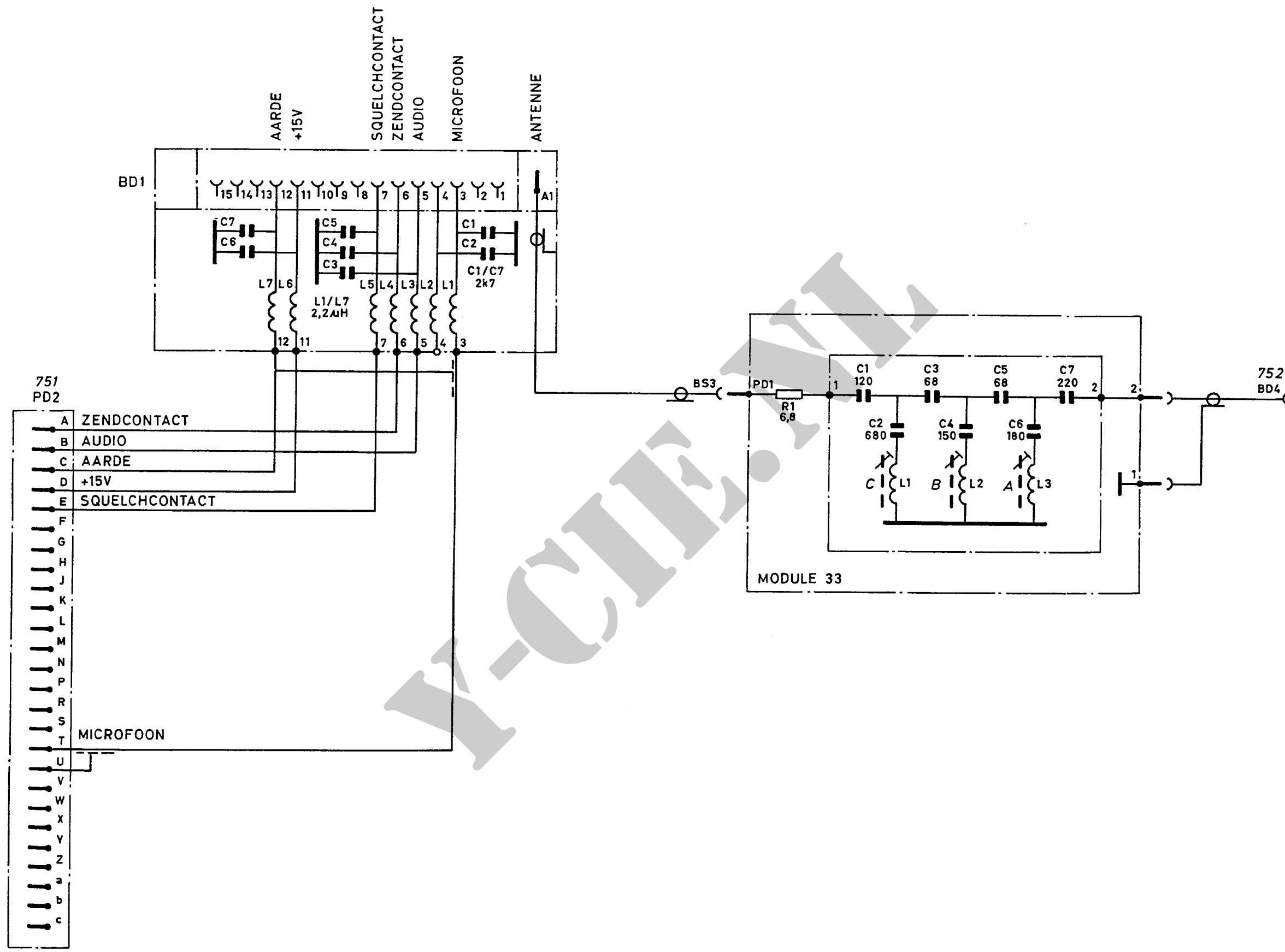




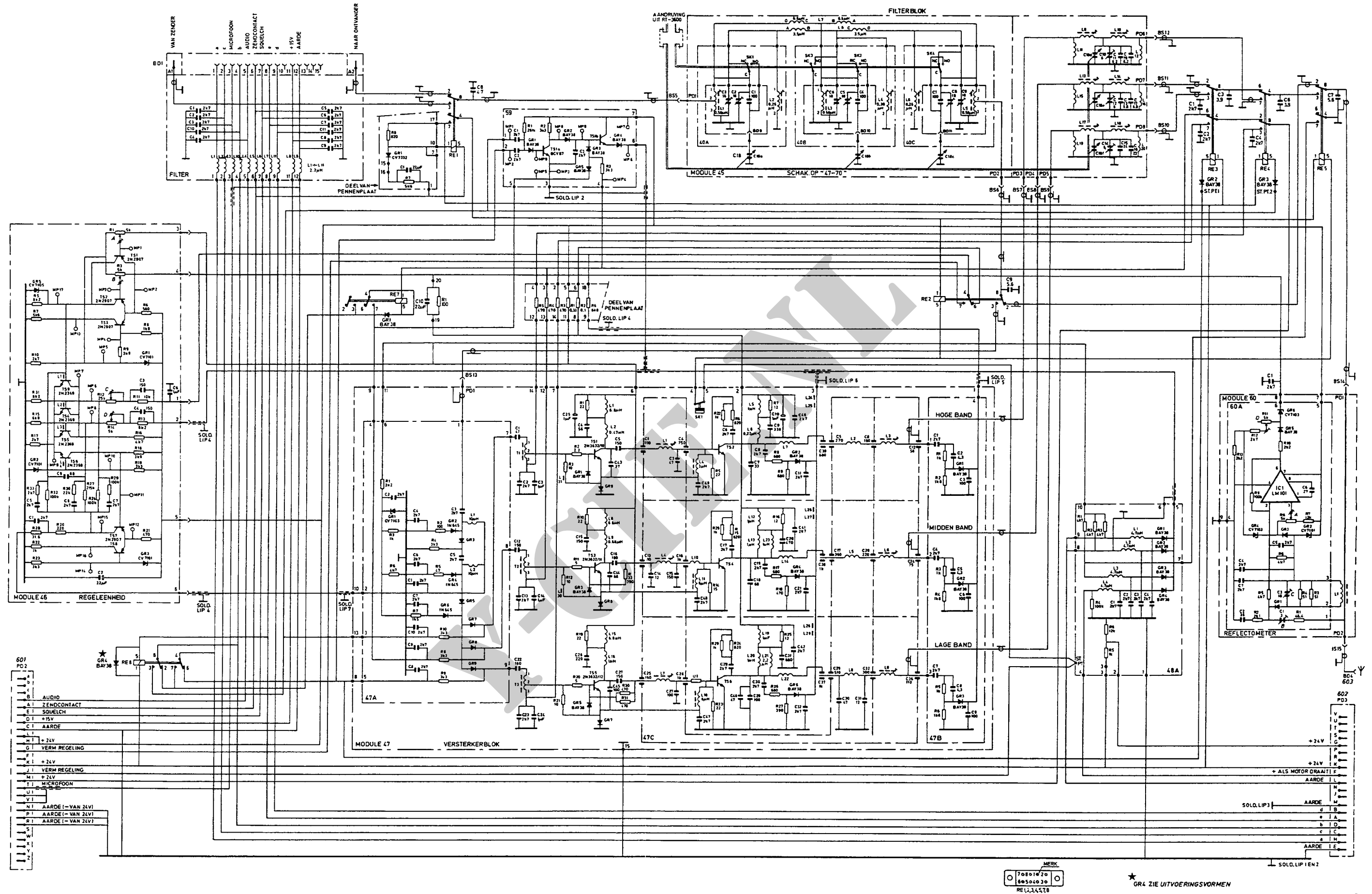


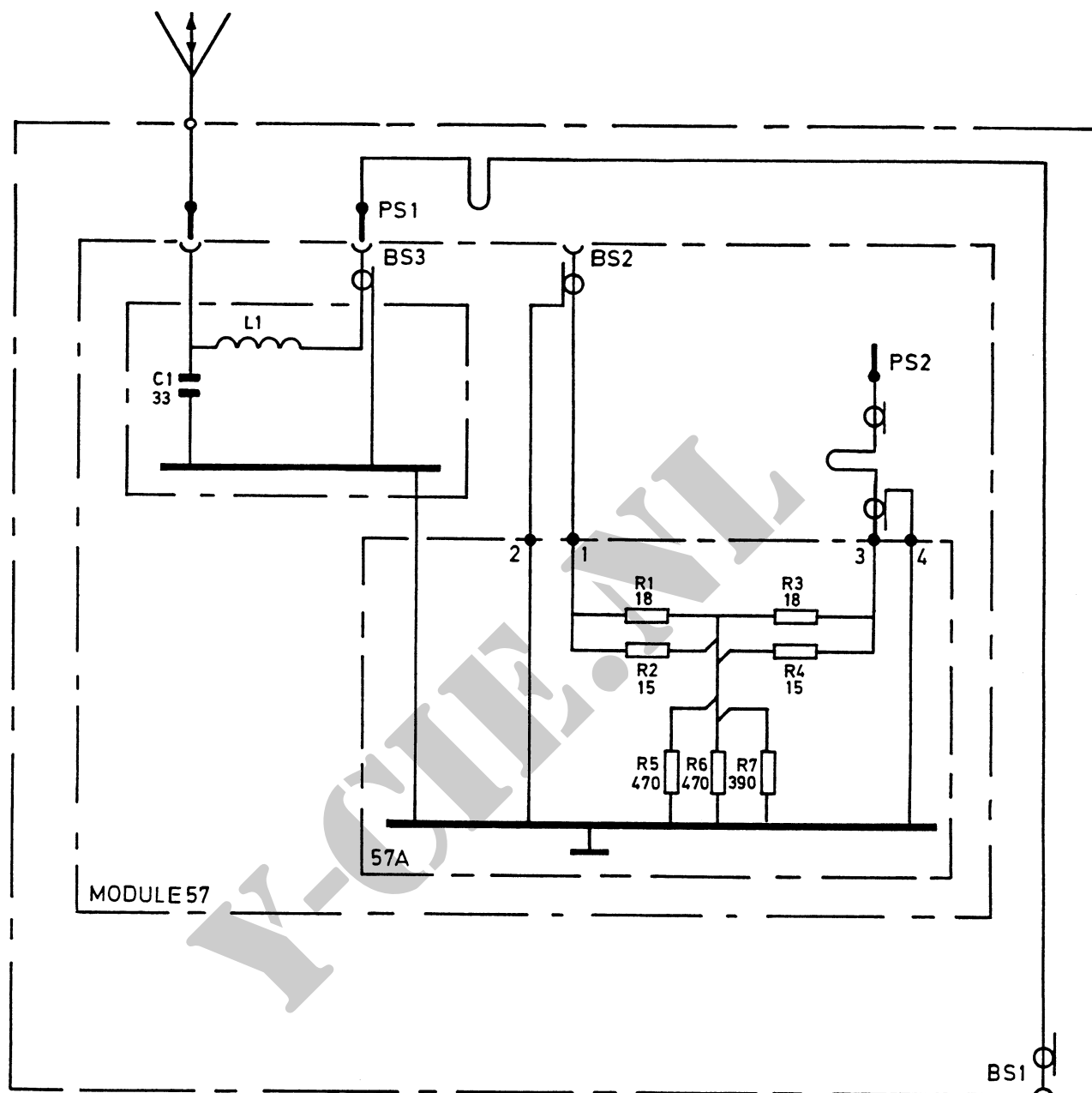




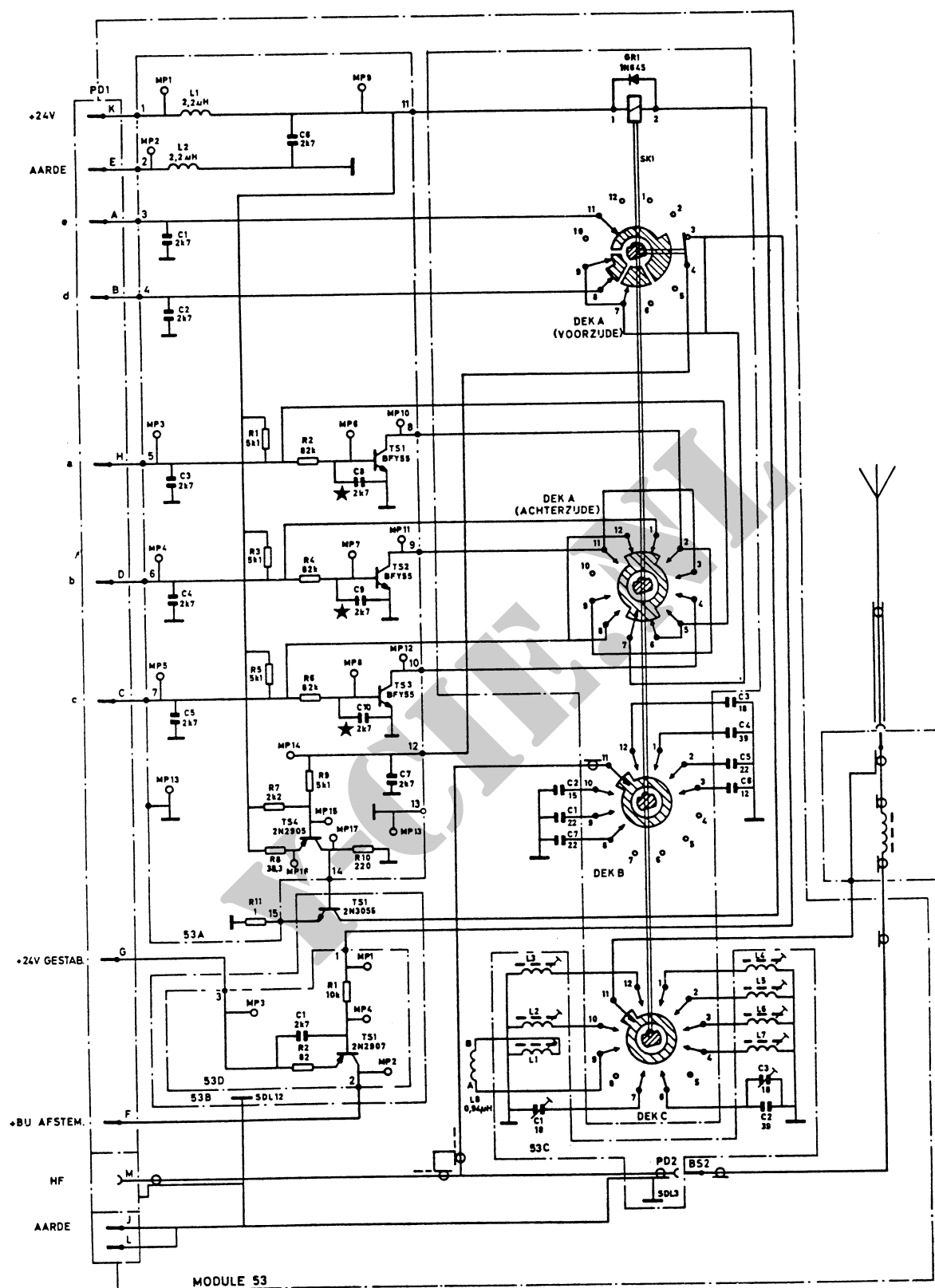


TEKENING 21

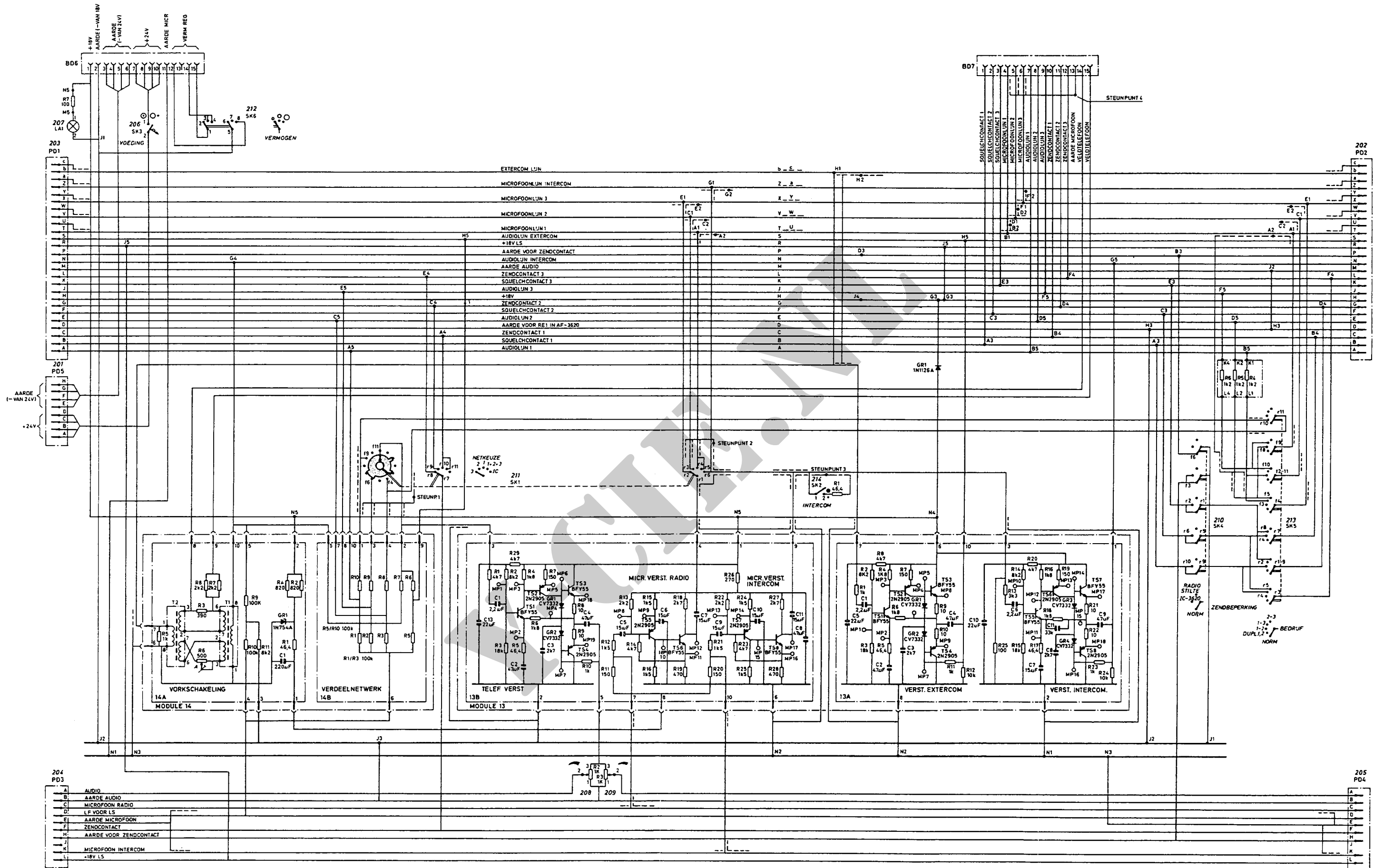


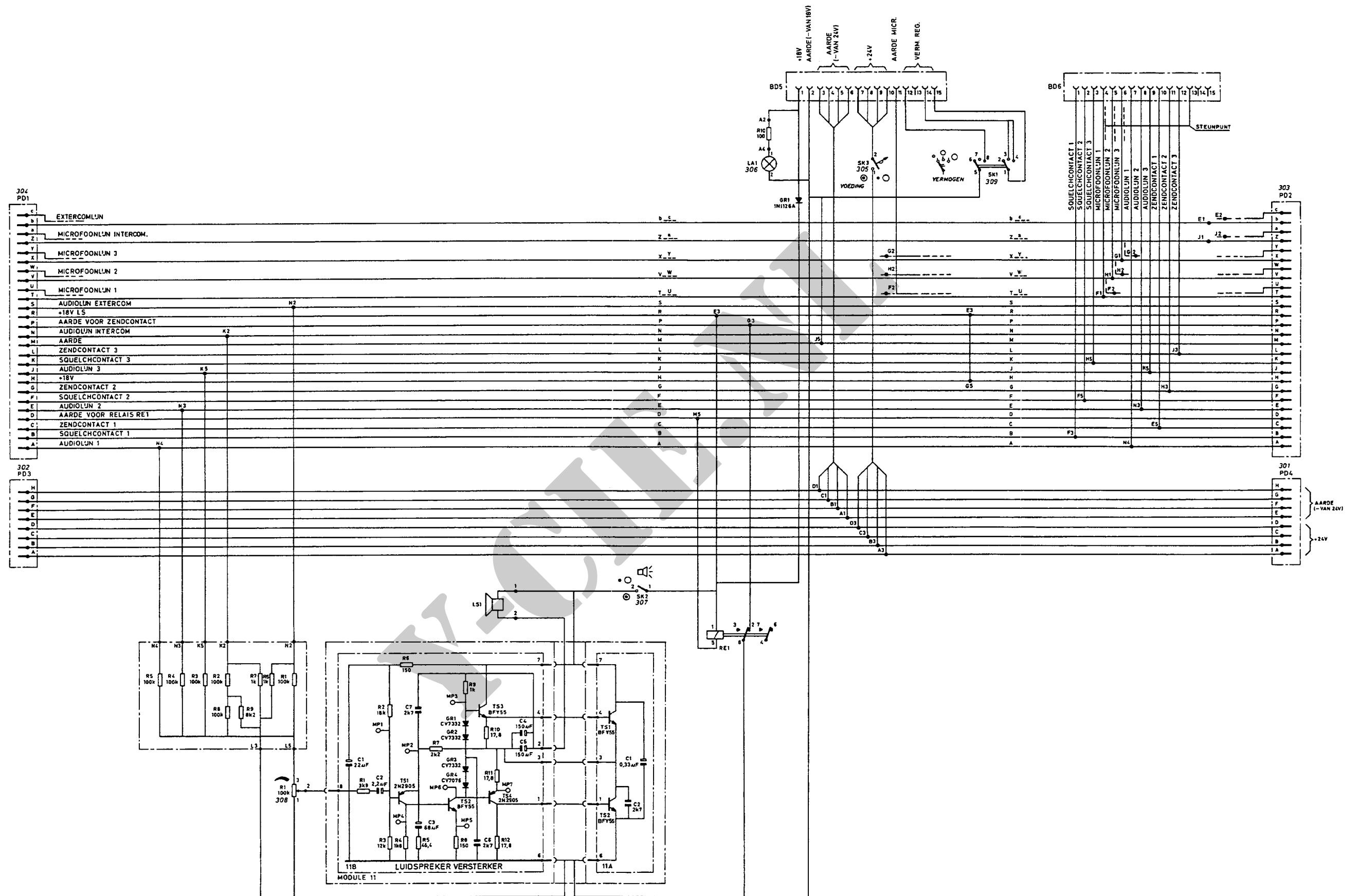


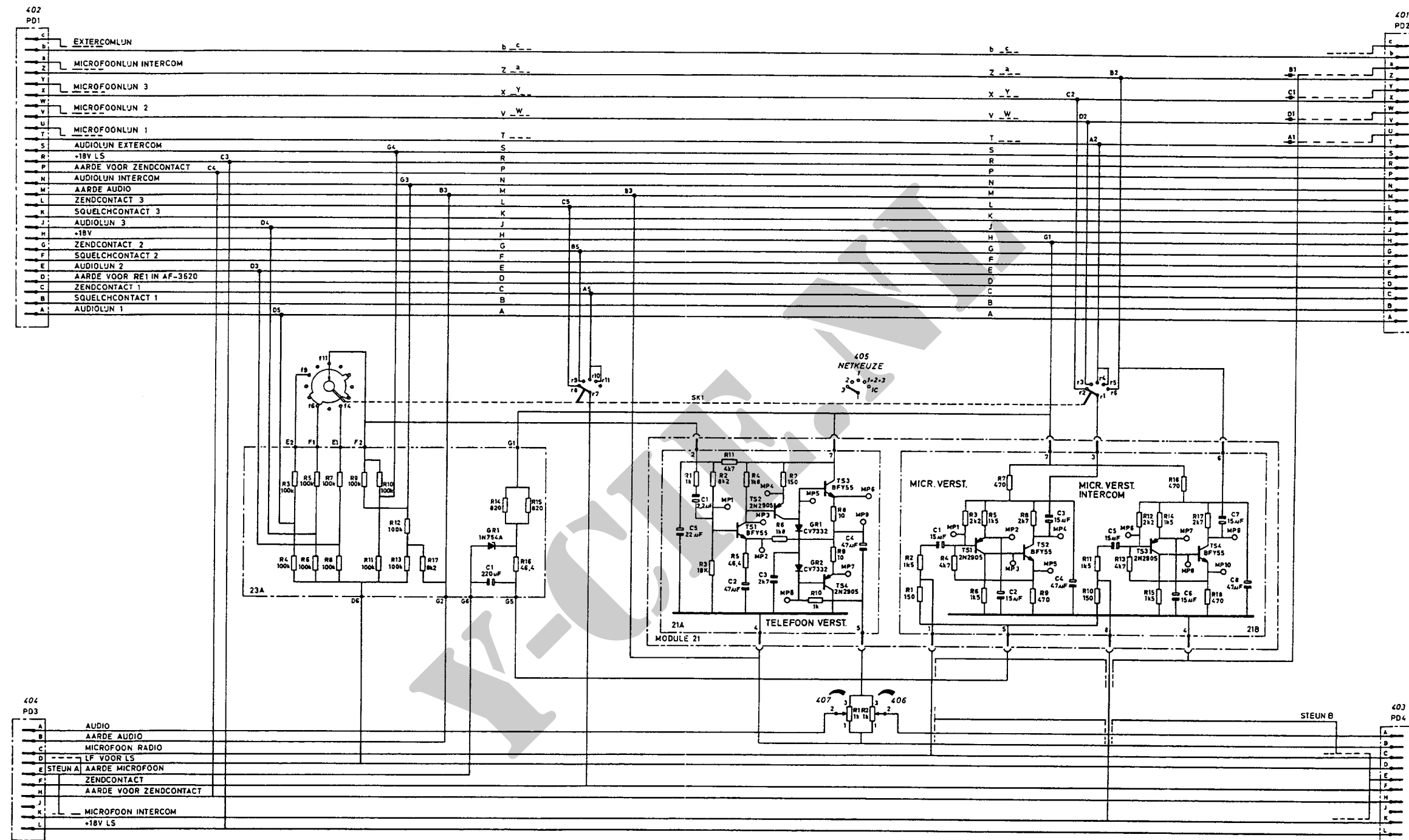
4/5 TH 11-170

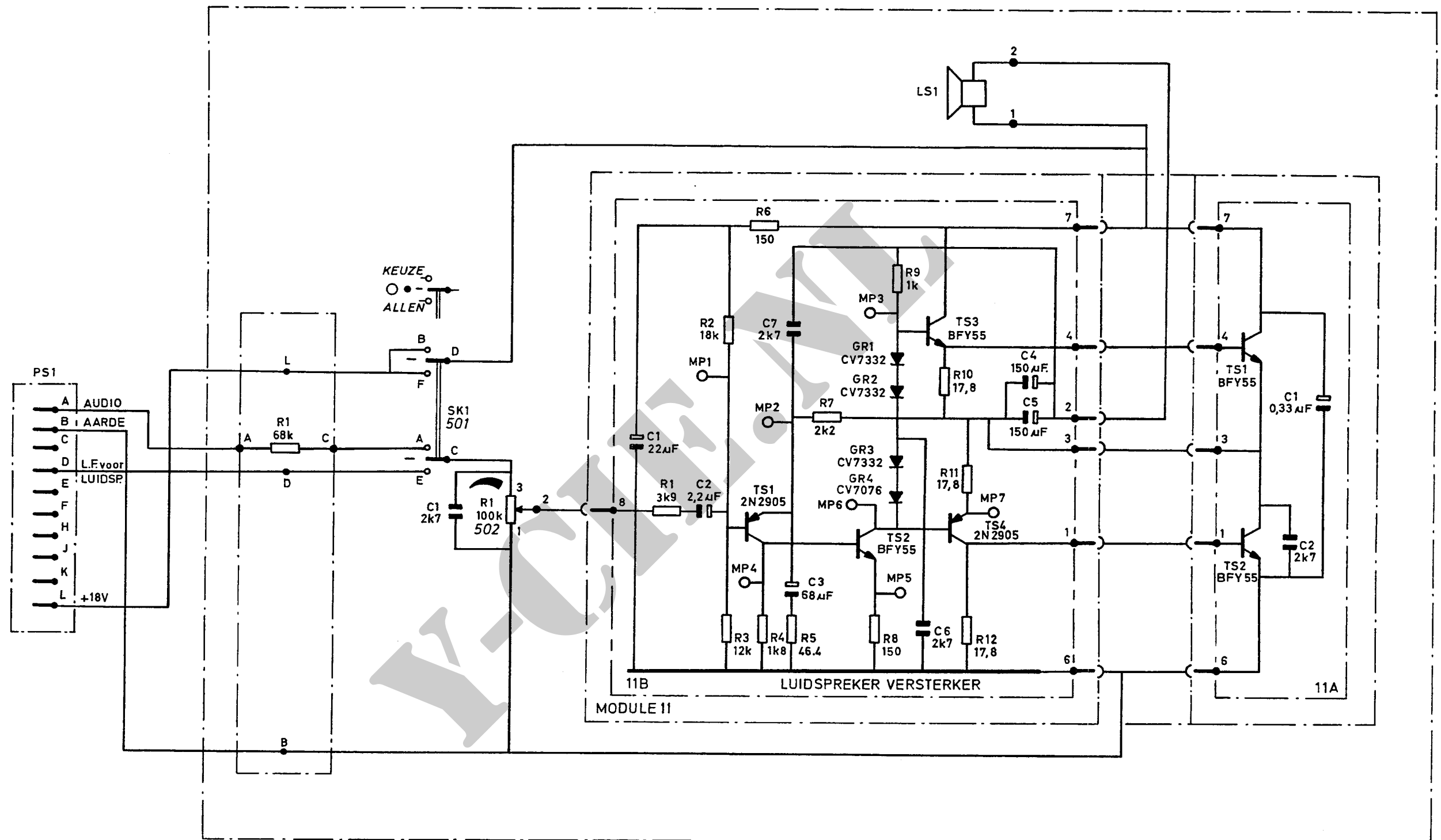


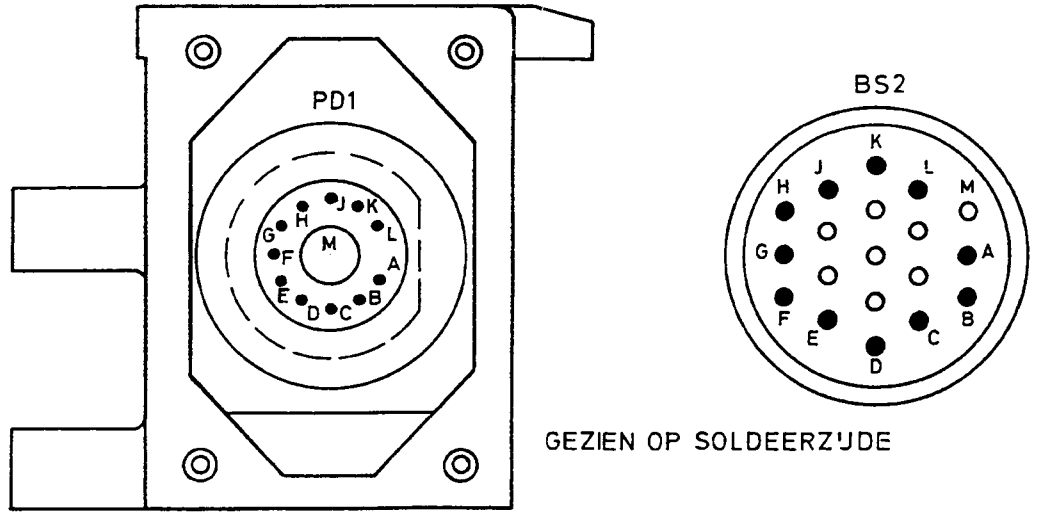
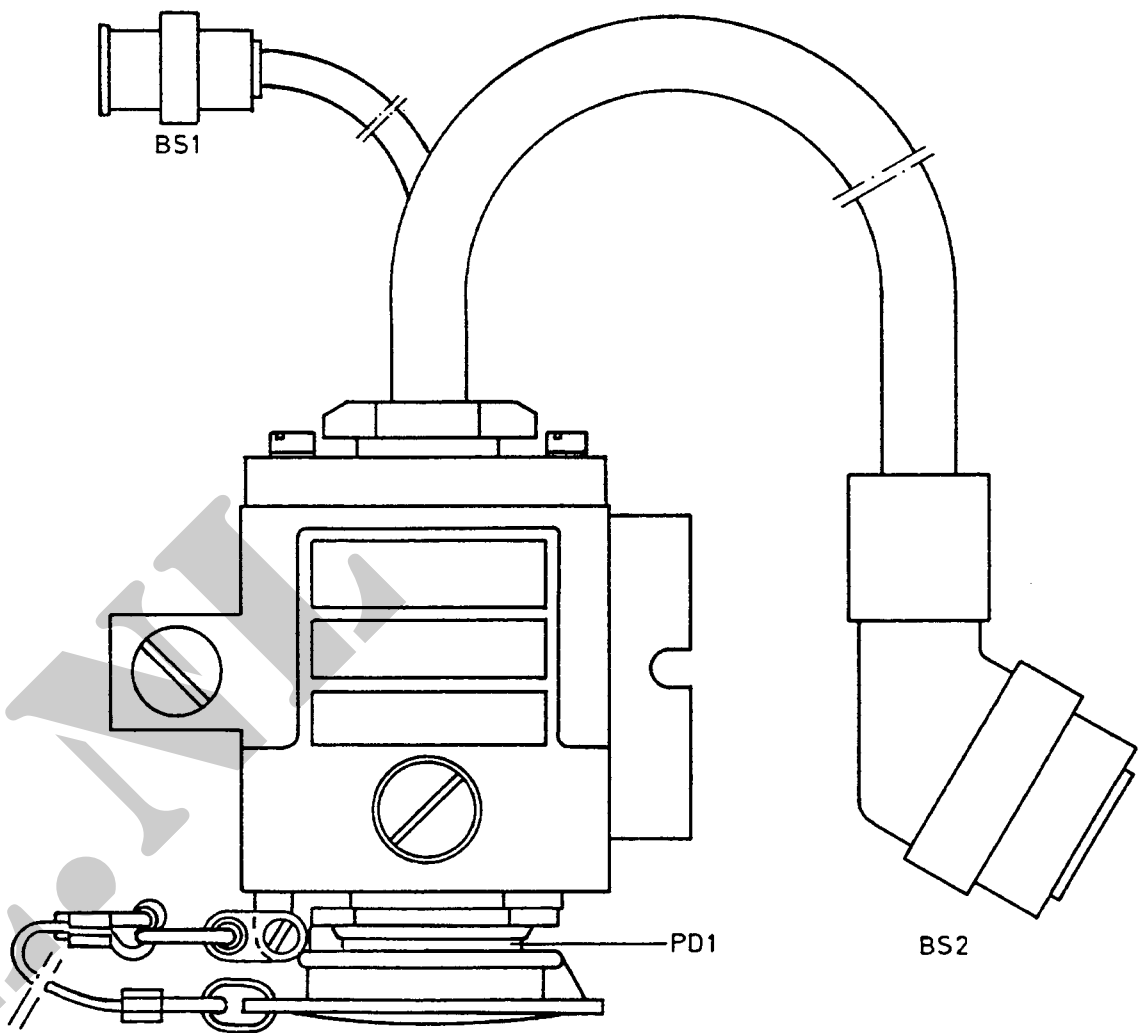
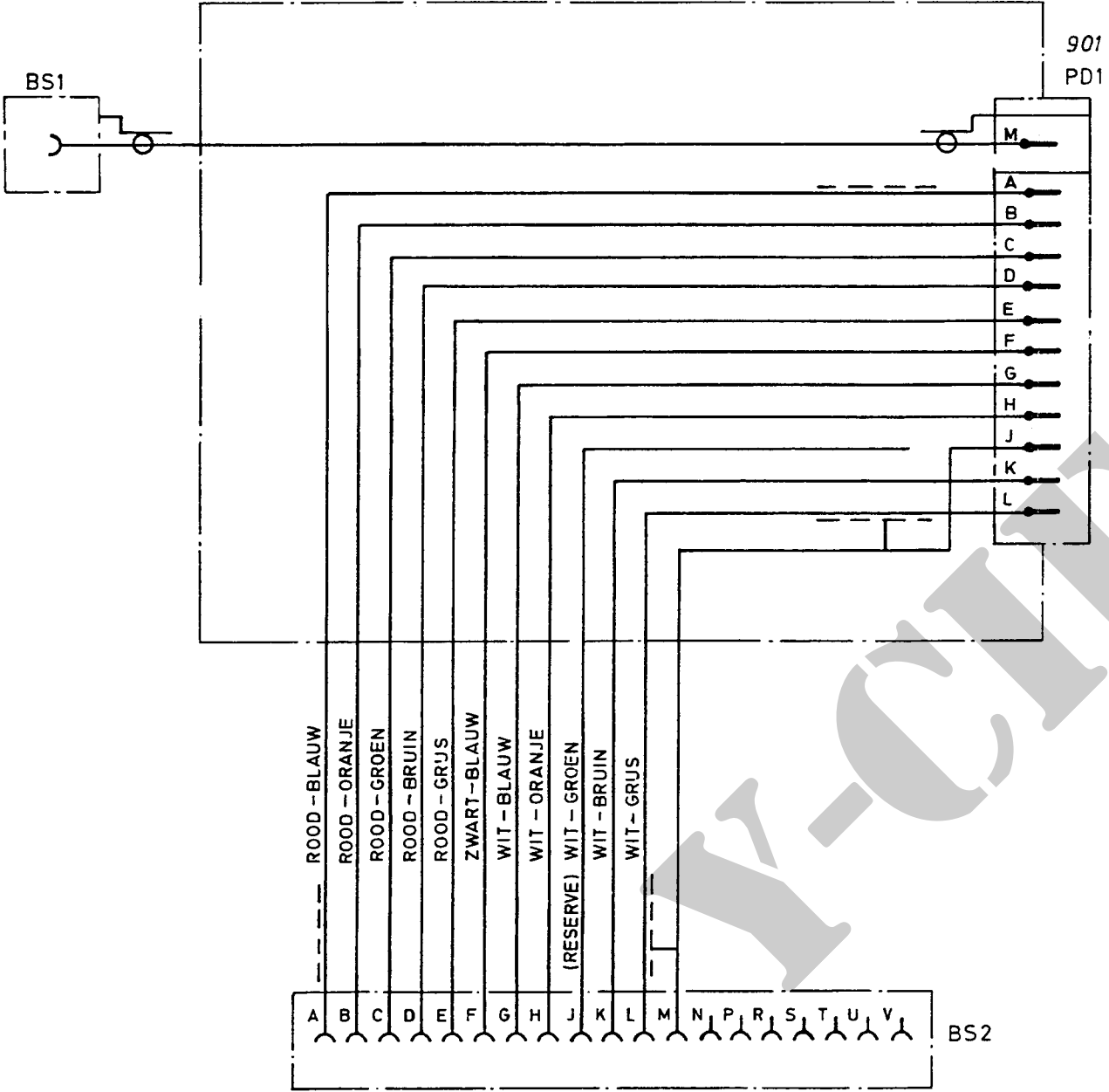
★ C8, C9, C10 = GR1, GR2, GR3 (BAY38) OP PRENTPLATEN 53A UITVOERING "1", ZIE UITVOERINSVORMEN.

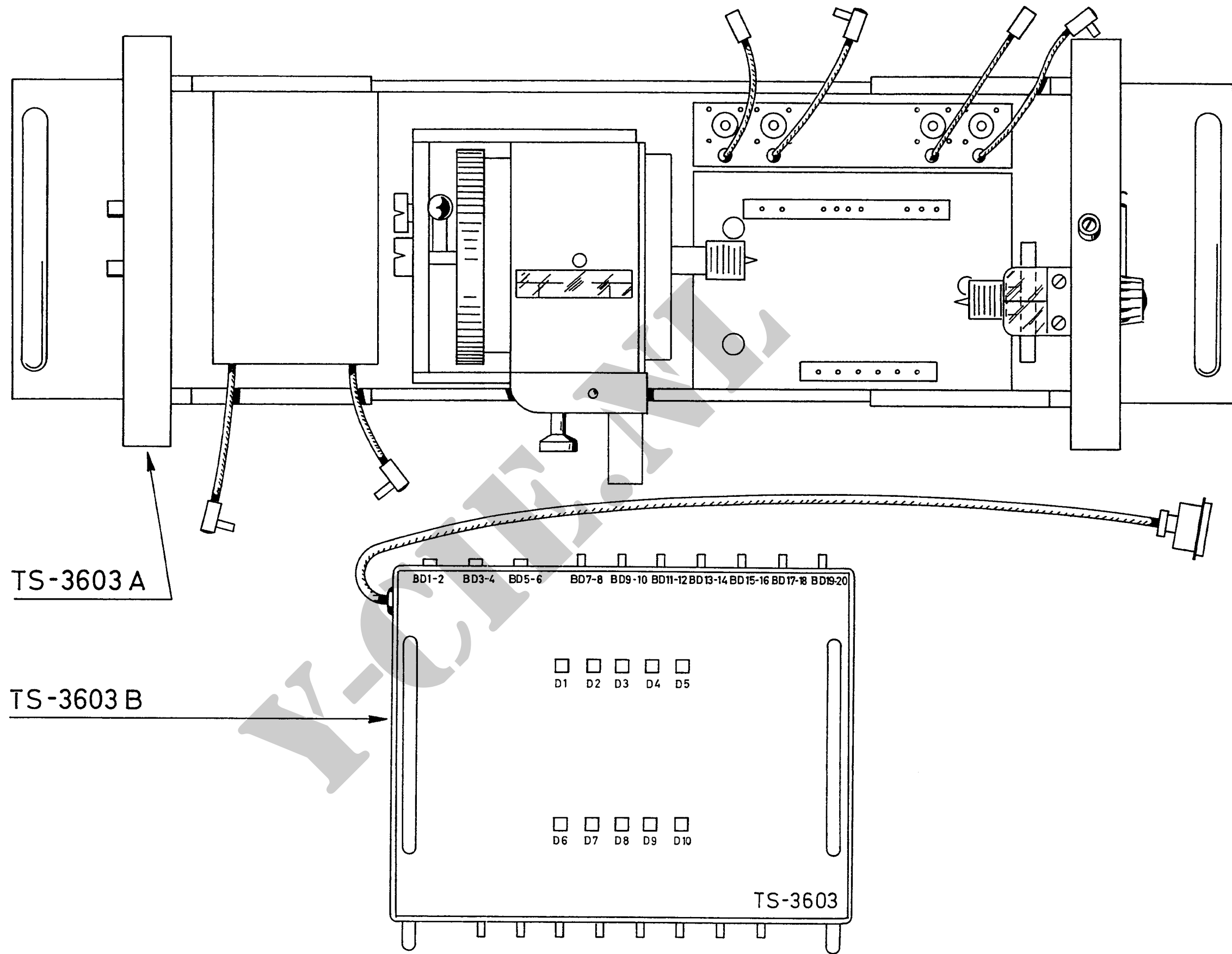


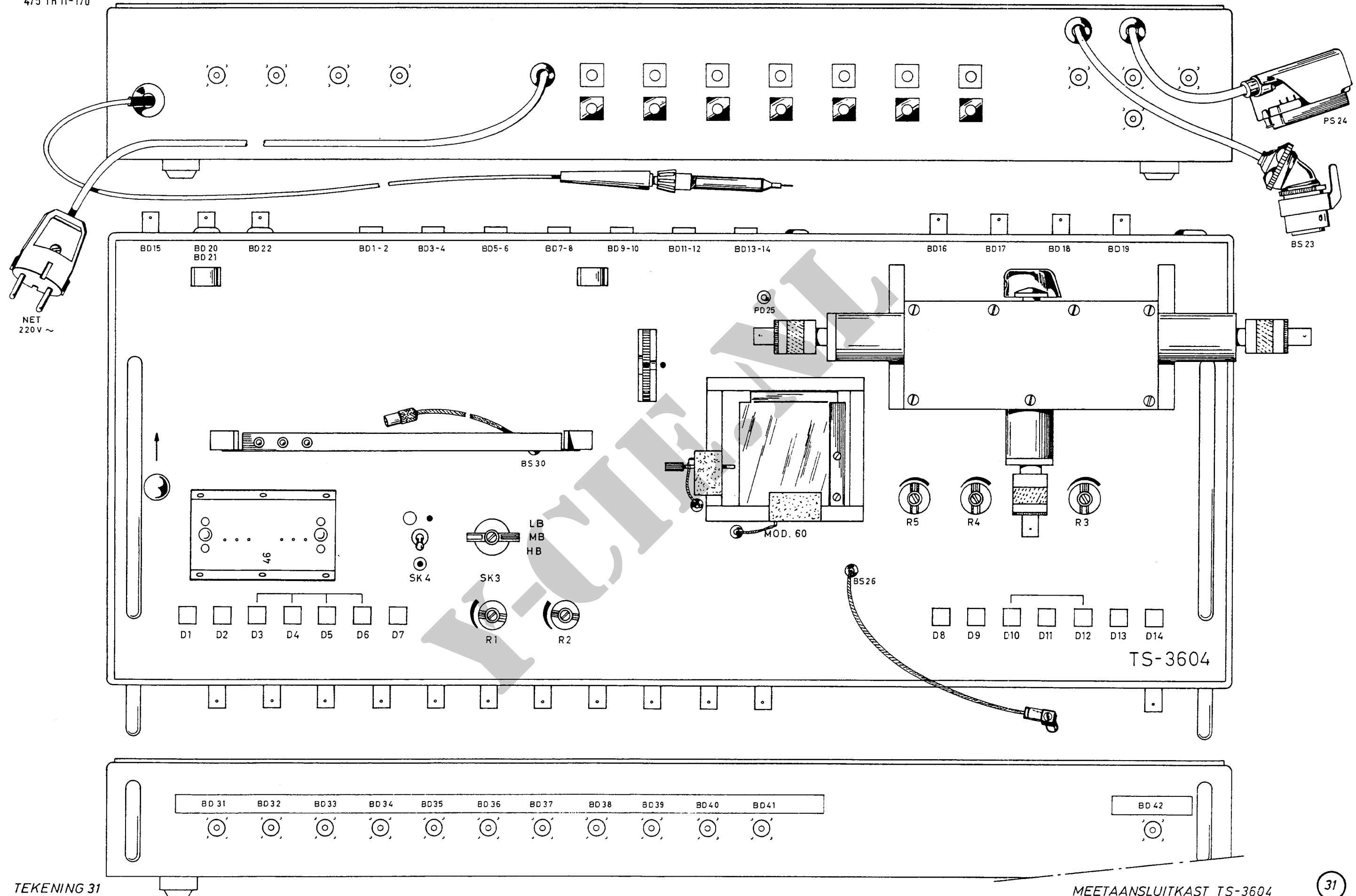


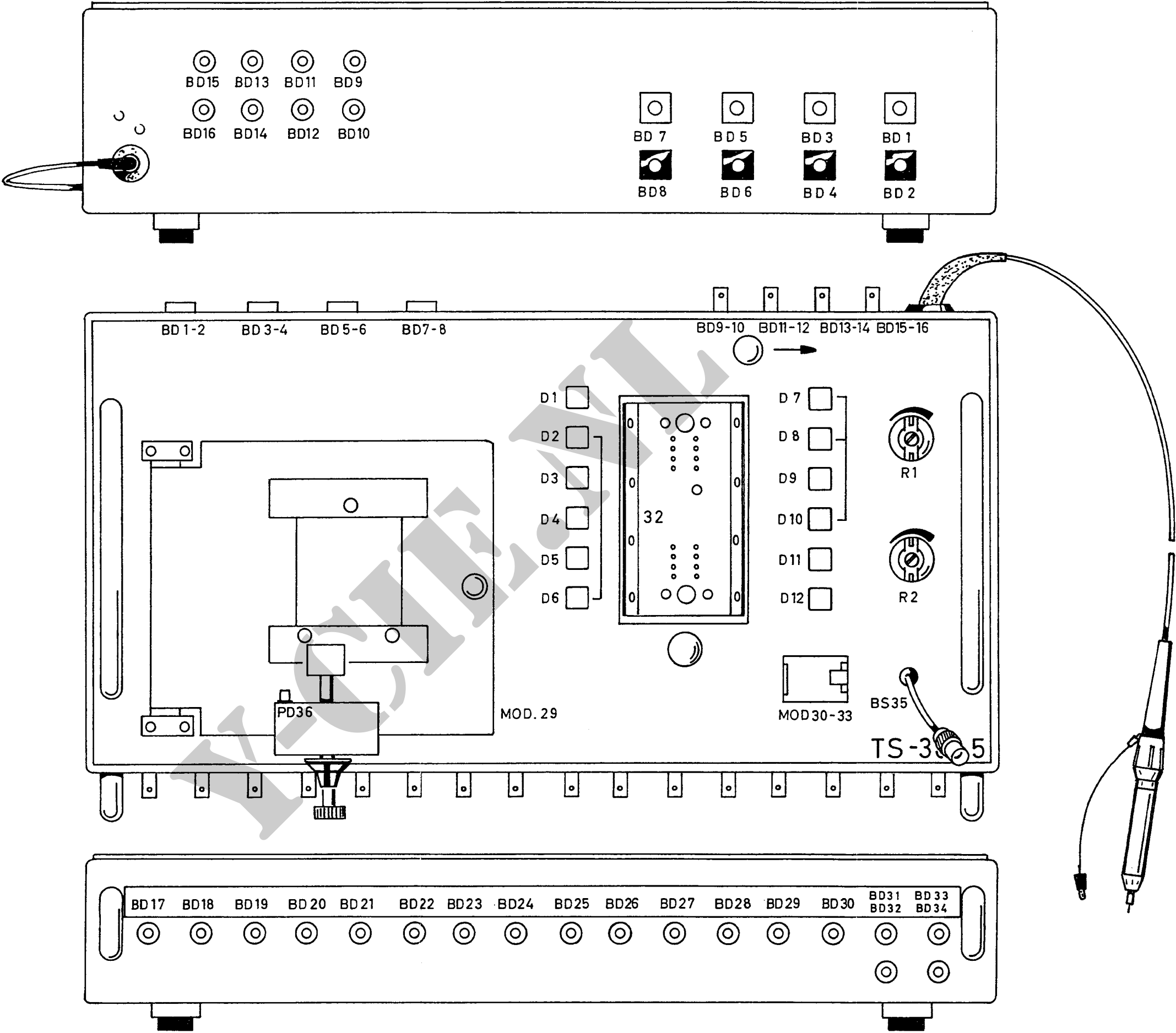




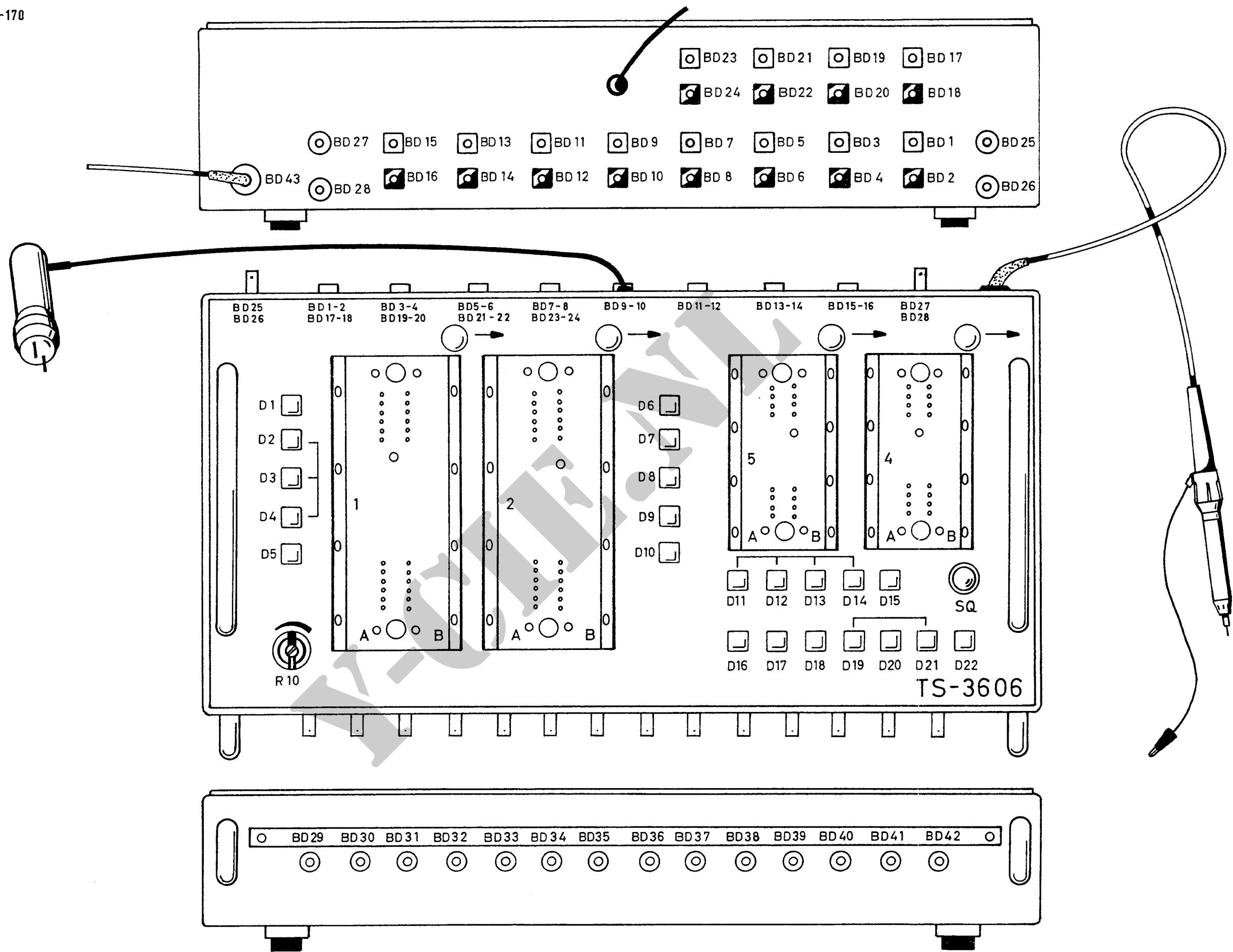


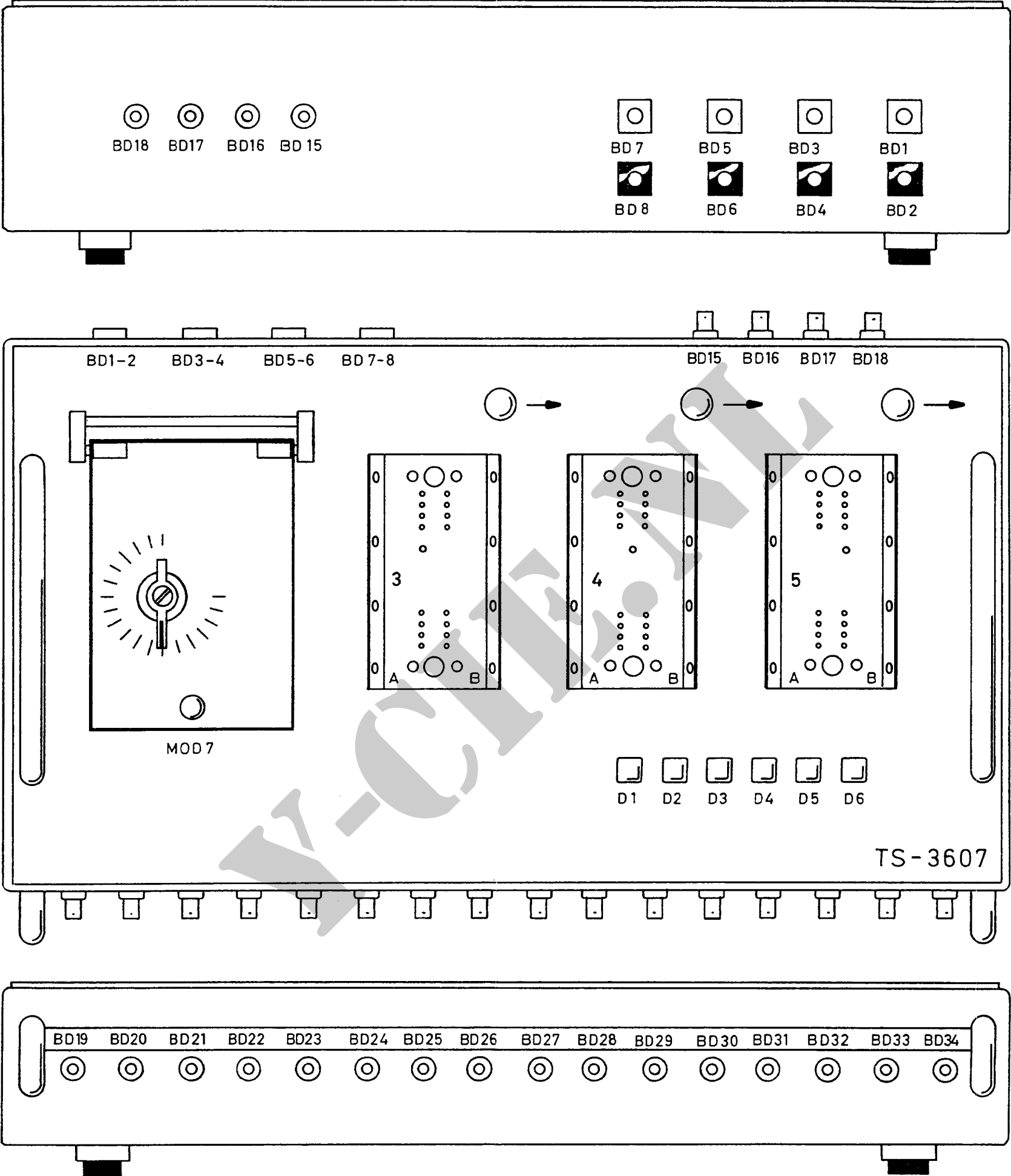




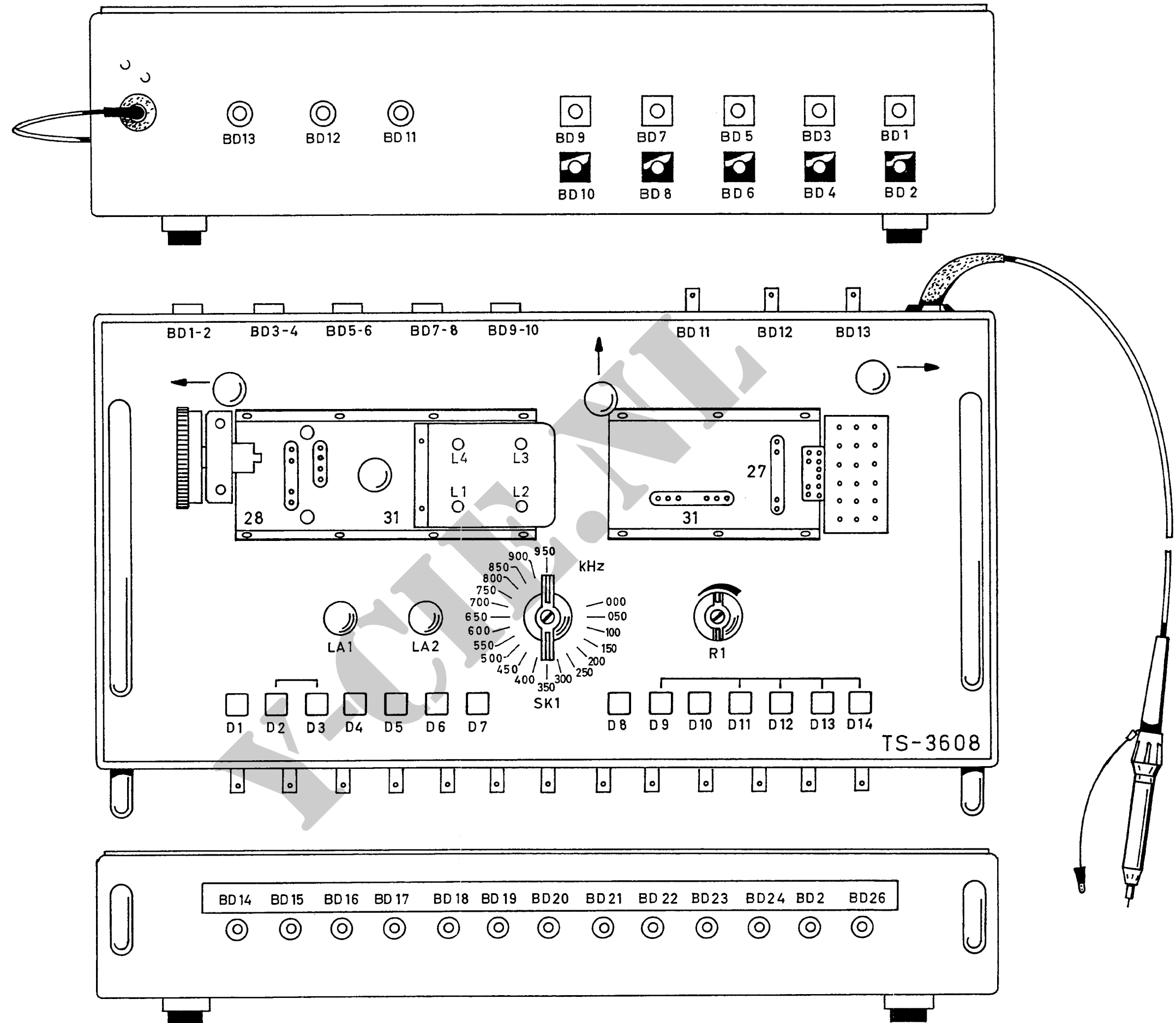


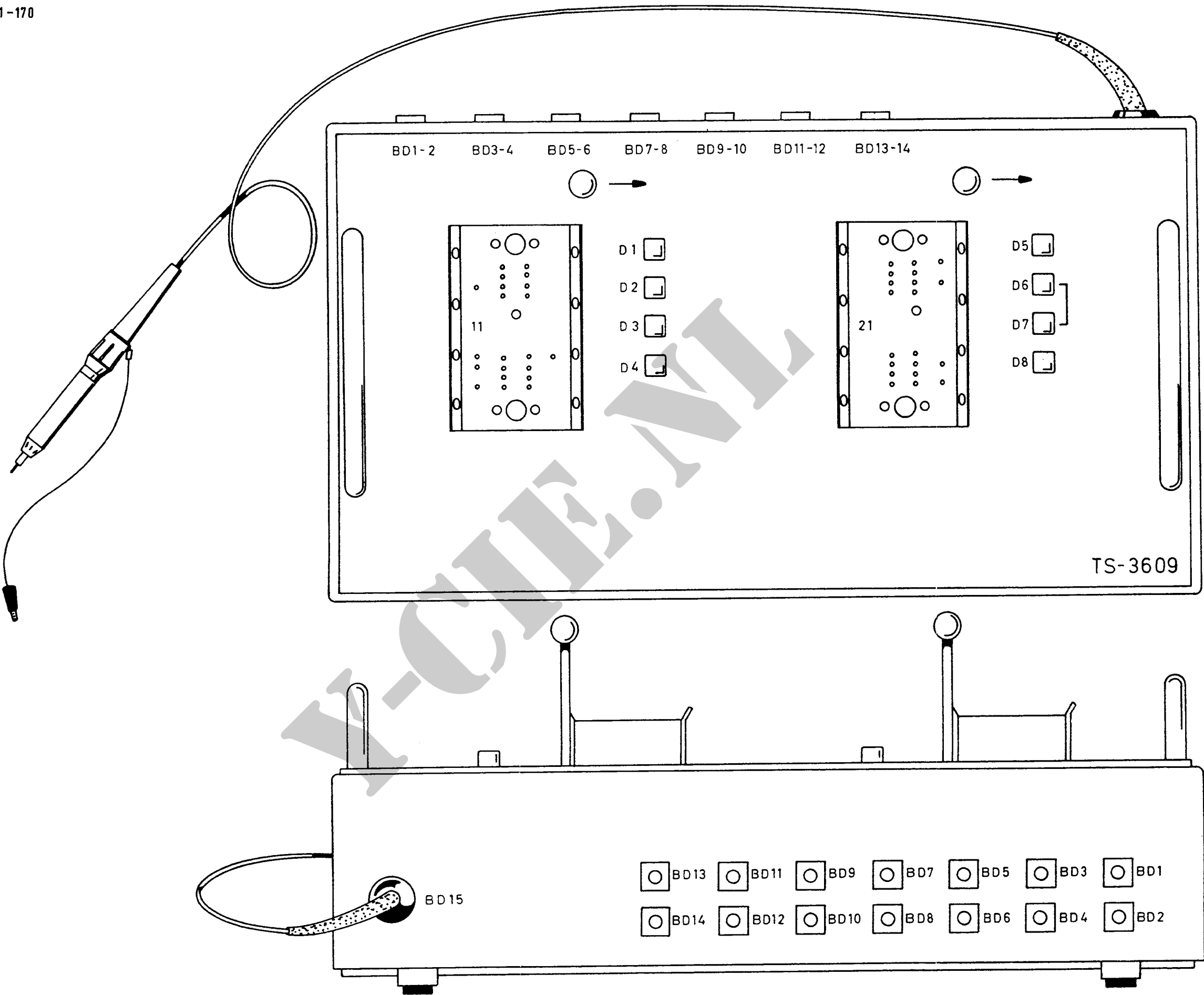
TEKENING 32

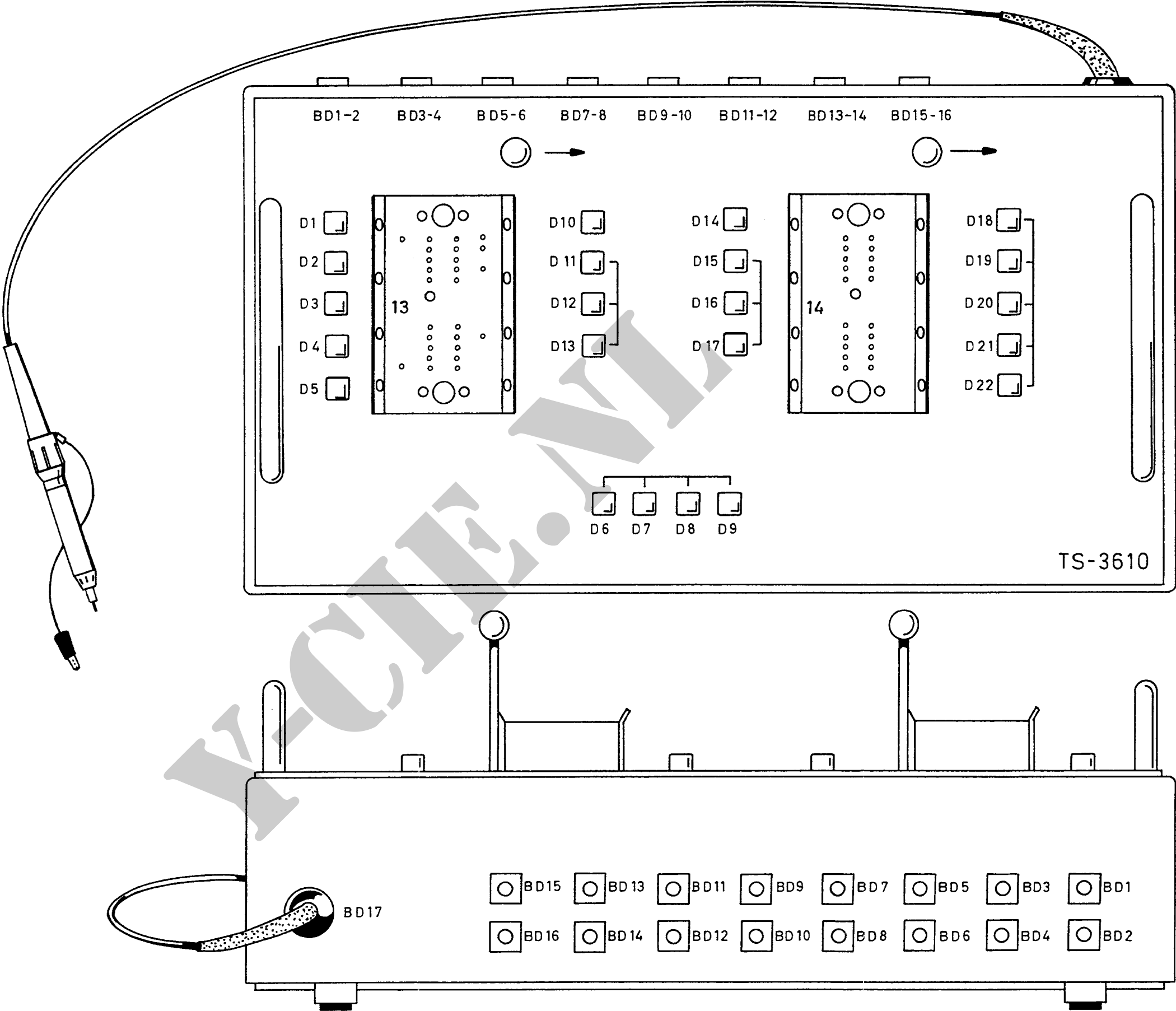




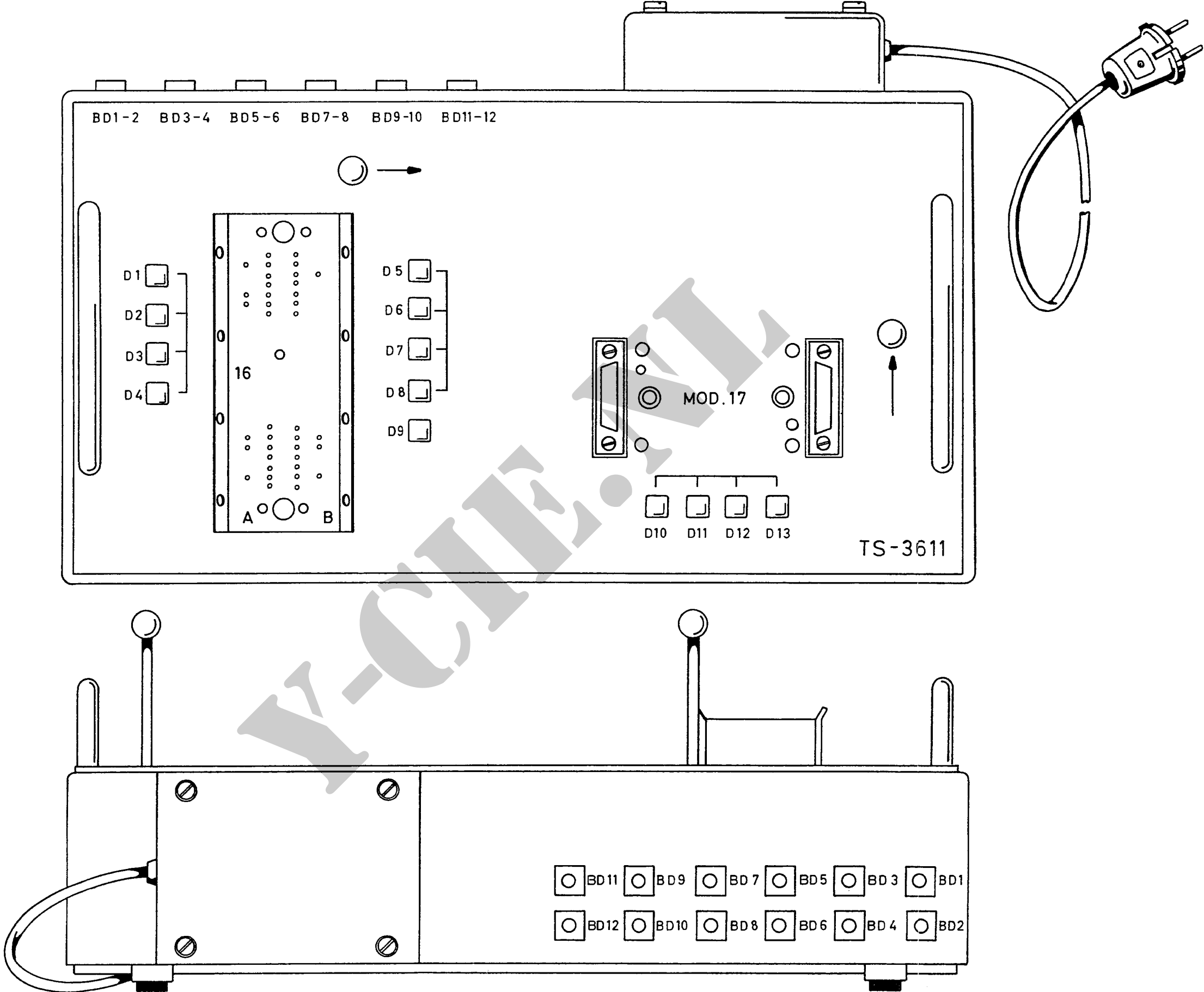
TEKENING 34



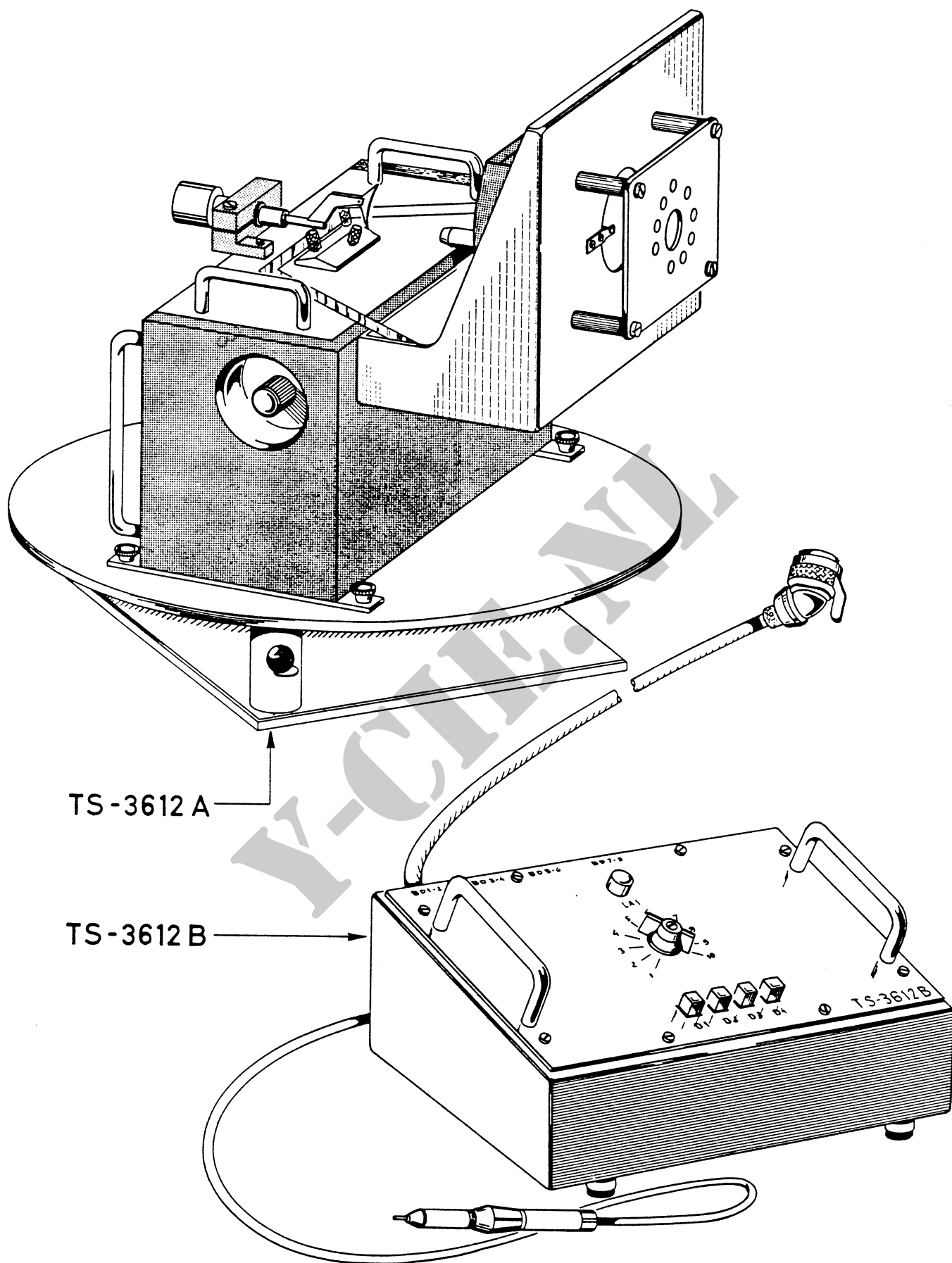


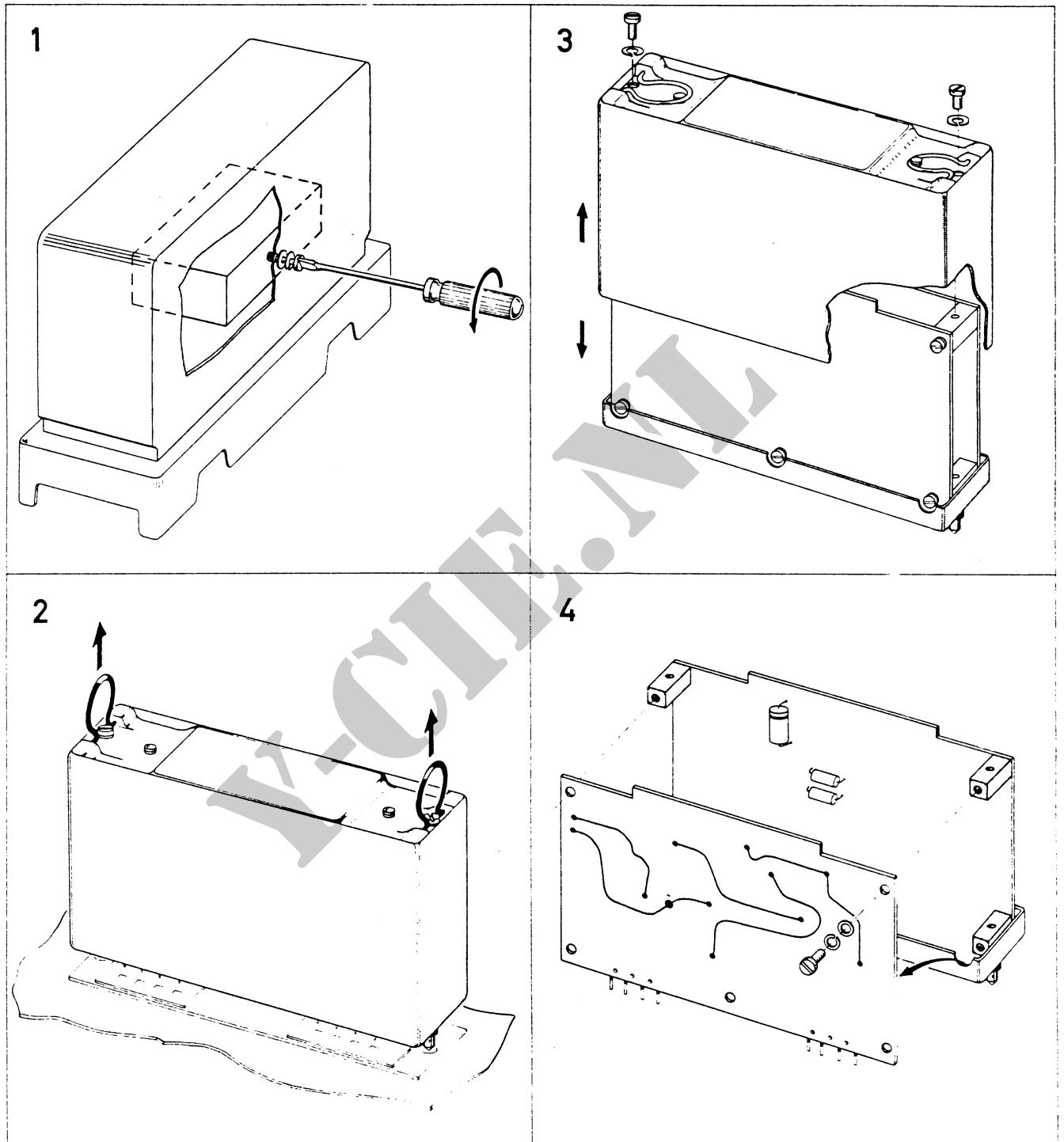


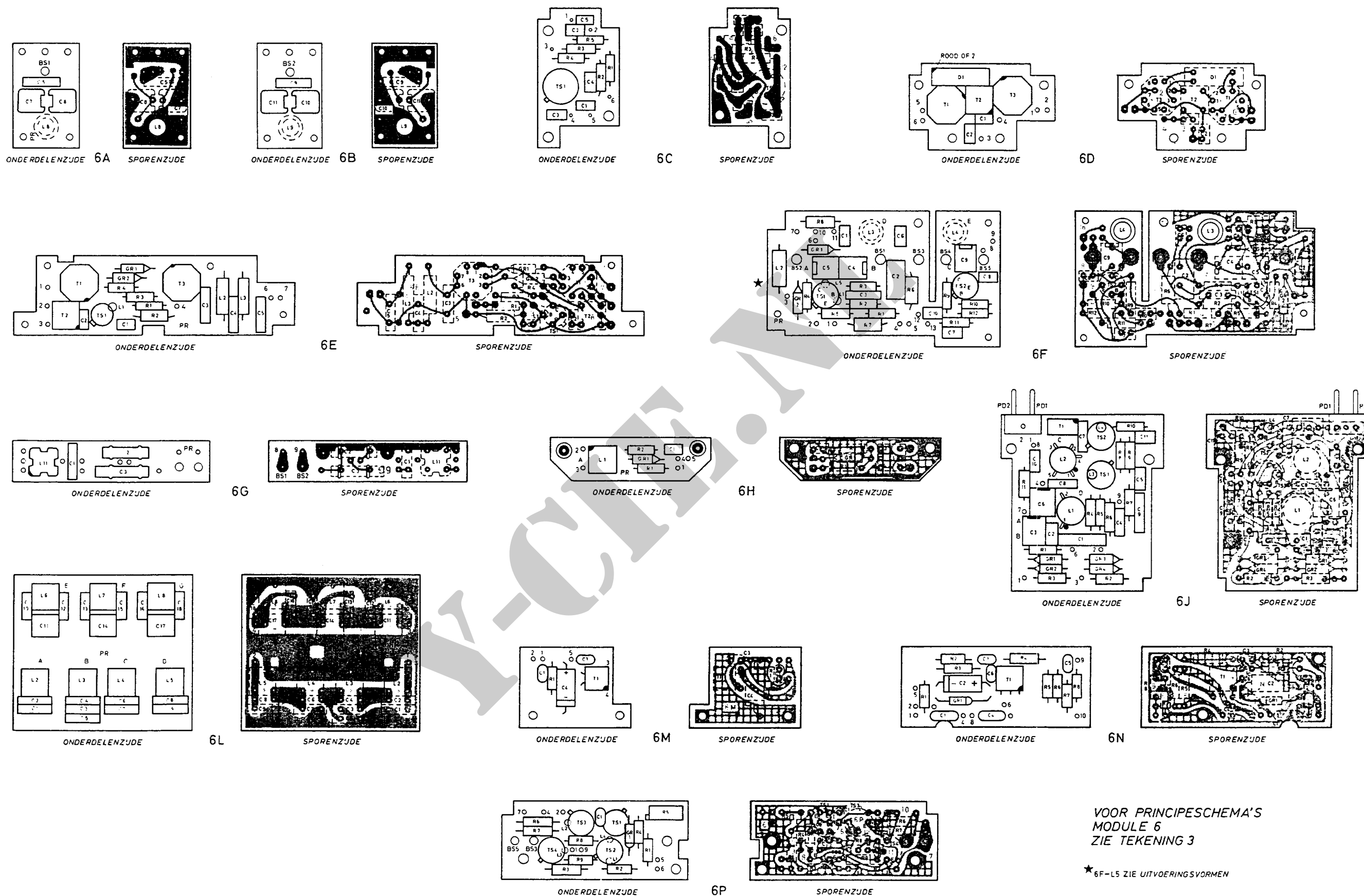
TEKENING 37



TEKENING 38



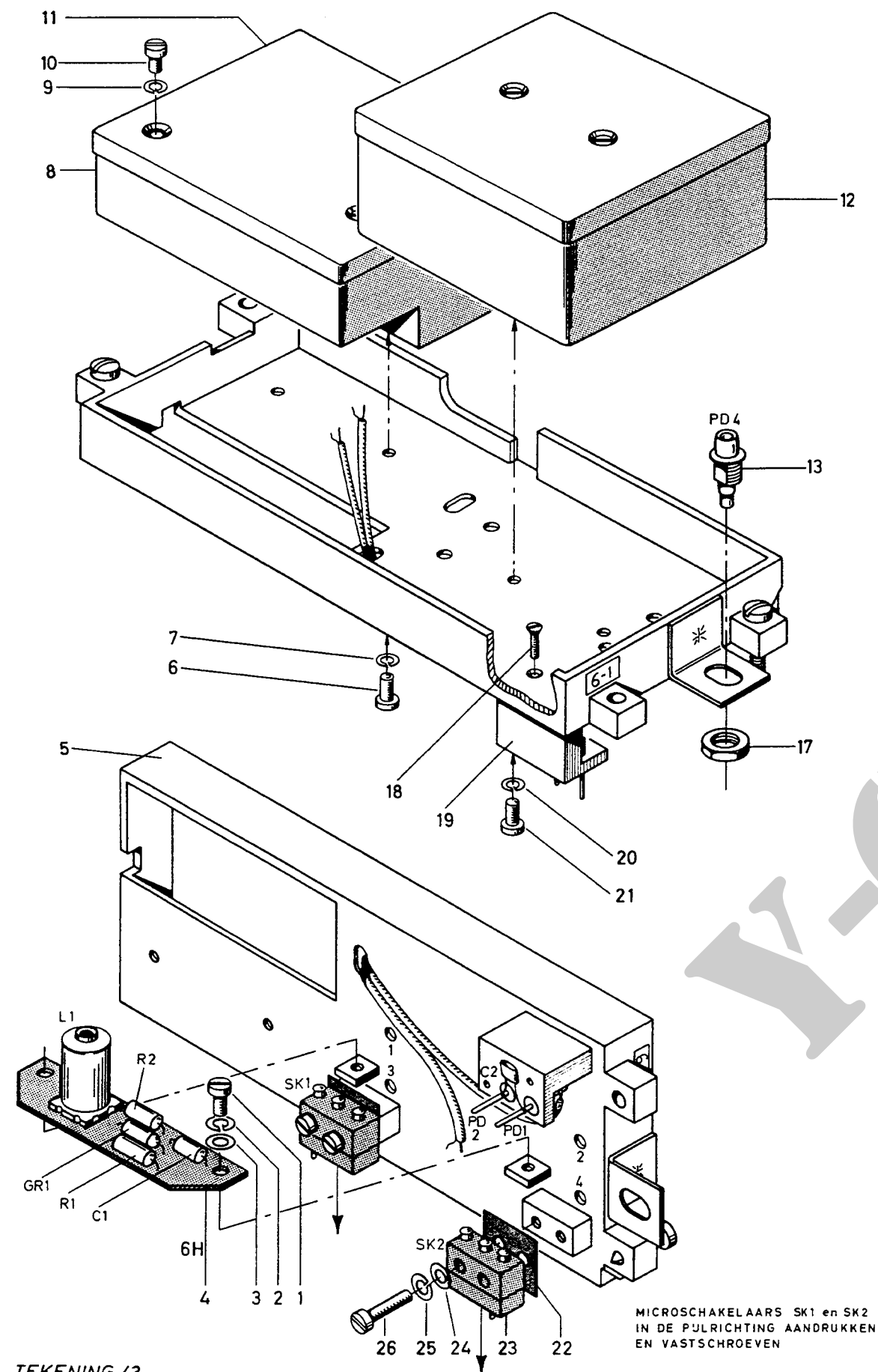




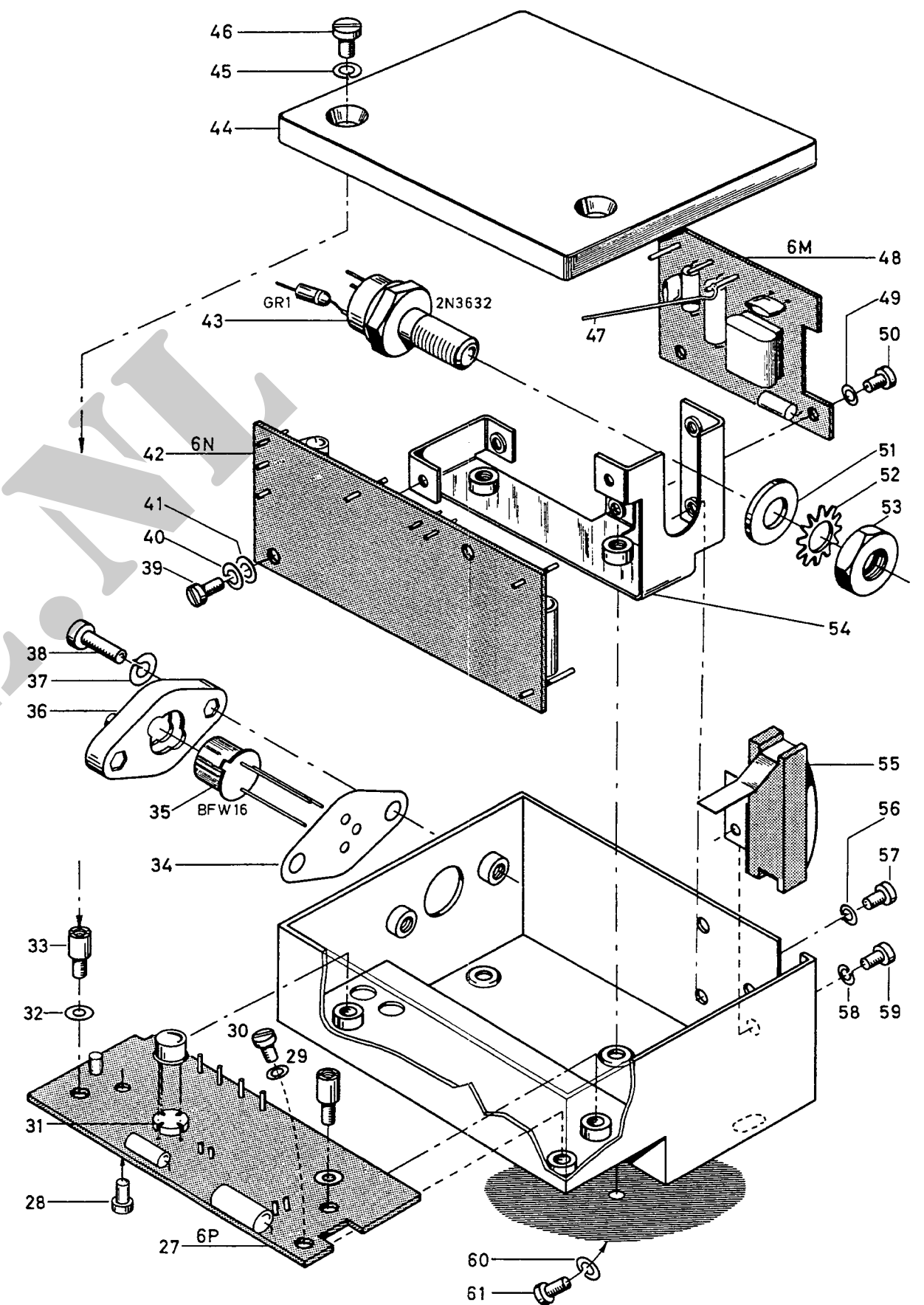
VOOR PRINCIPESCHEMA'S
MODULE 6
ZIE TEKENING 3

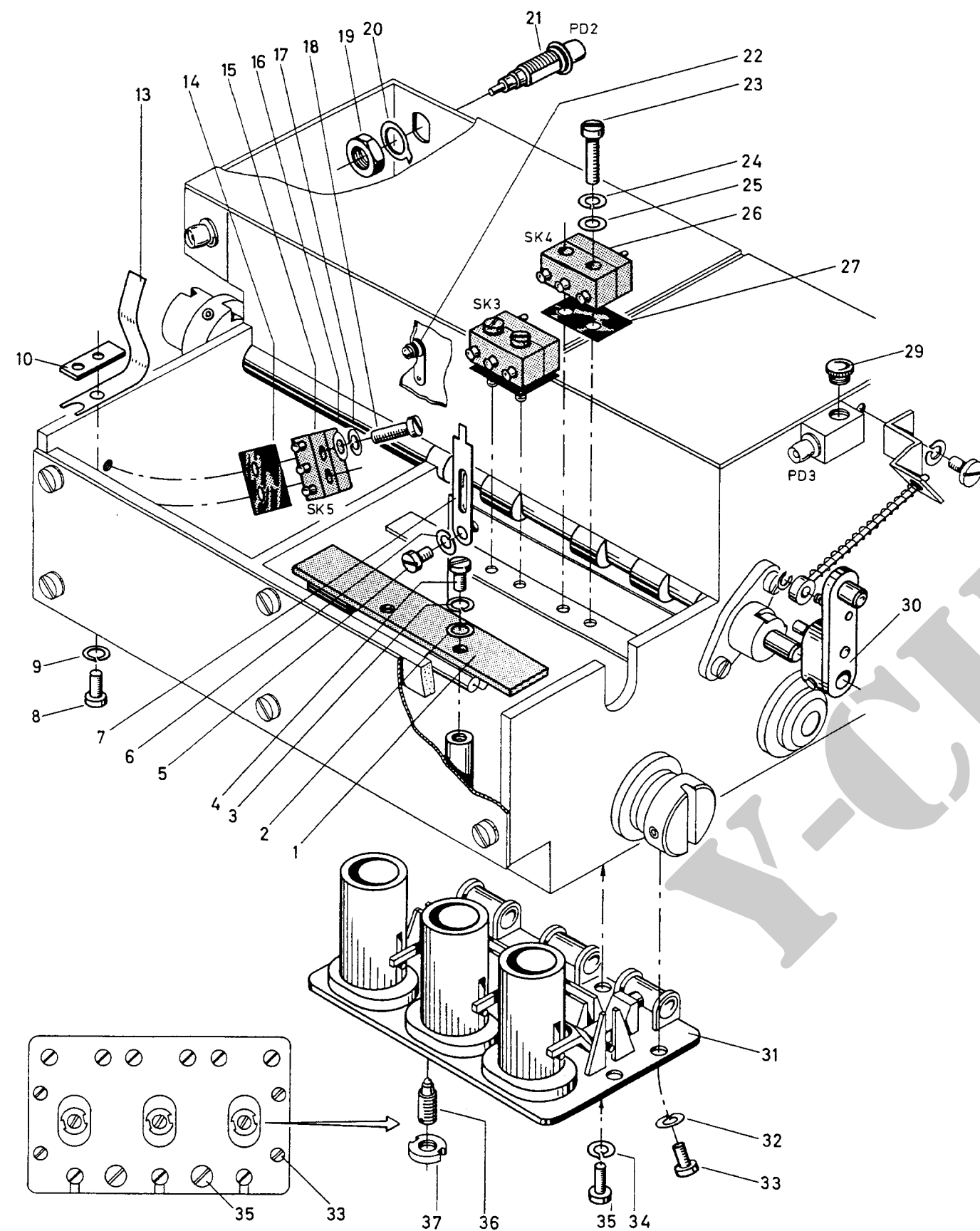
★ 6F-L5 ZIE UITVOERINGSVORMEN



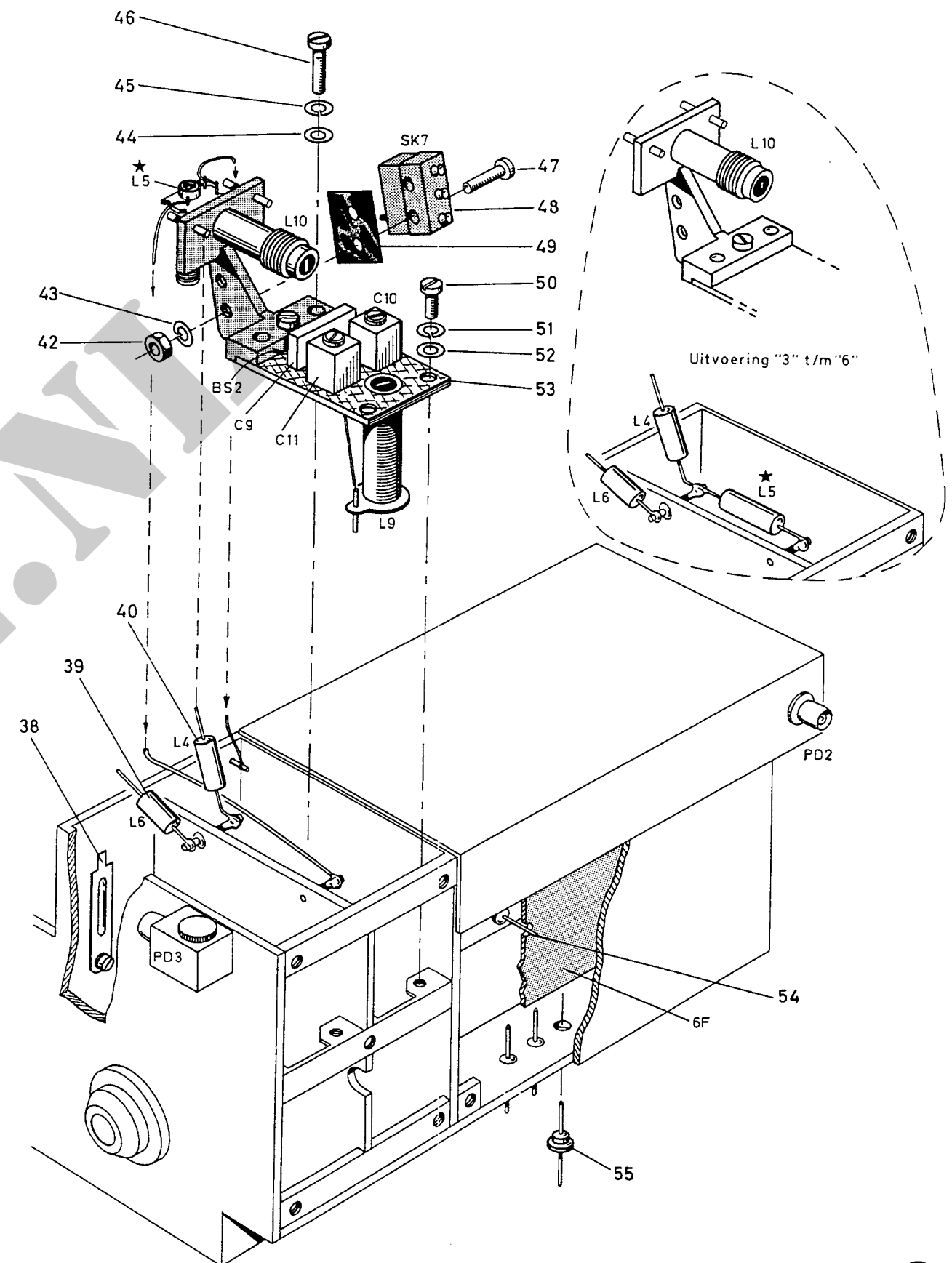


TEKENING 43



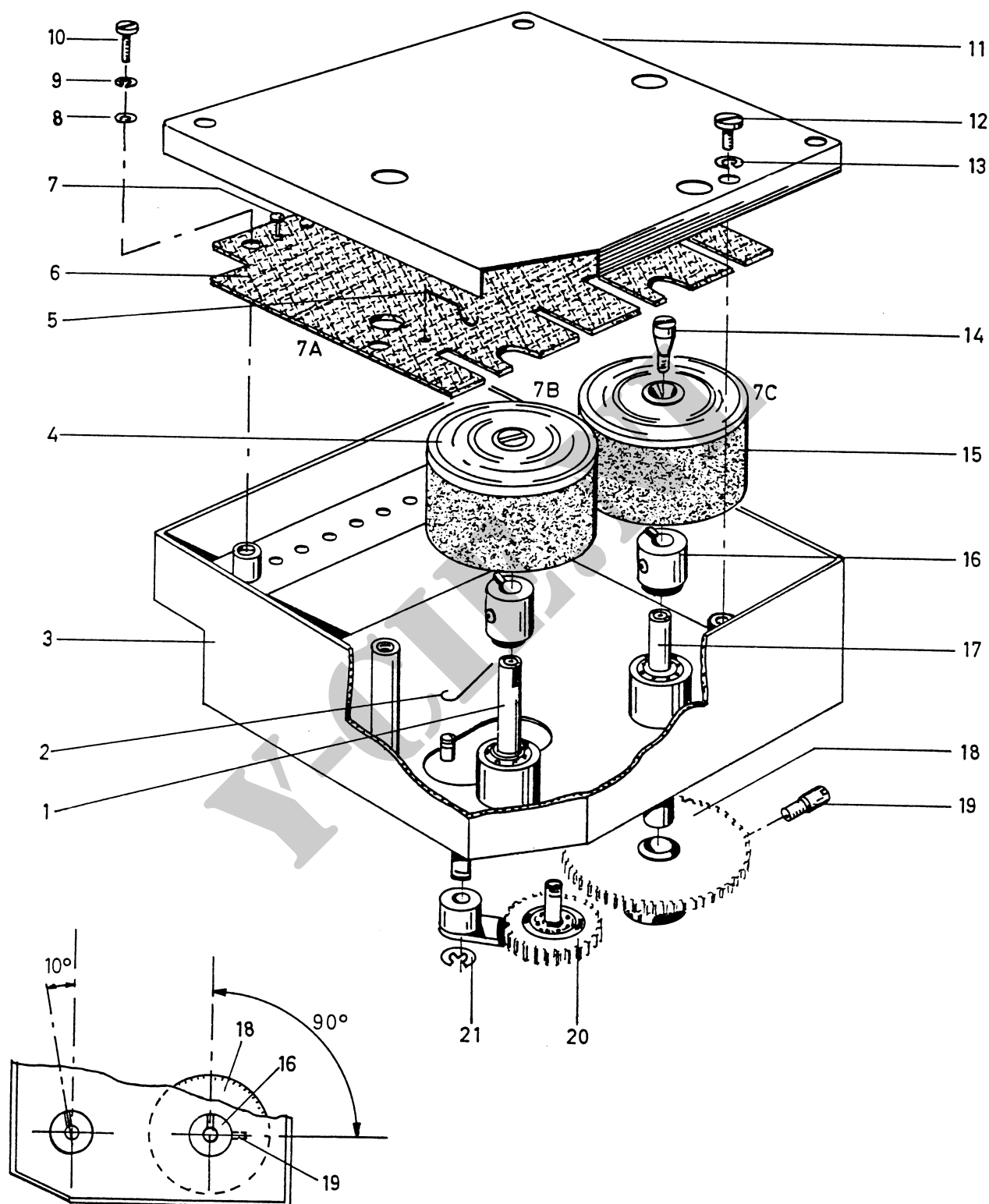


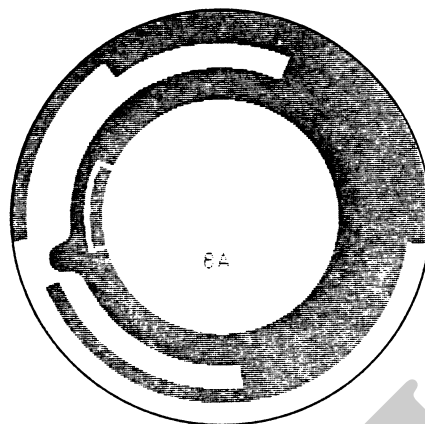
TEKENING 44



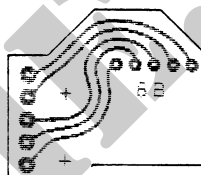
★ 6B-L5 ZIE UITVOERINGSVORMEN

DEMONTEREN VAN MODULE 6
(HF VERSTERKER) RT-3600

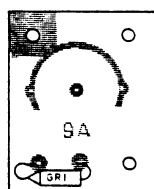




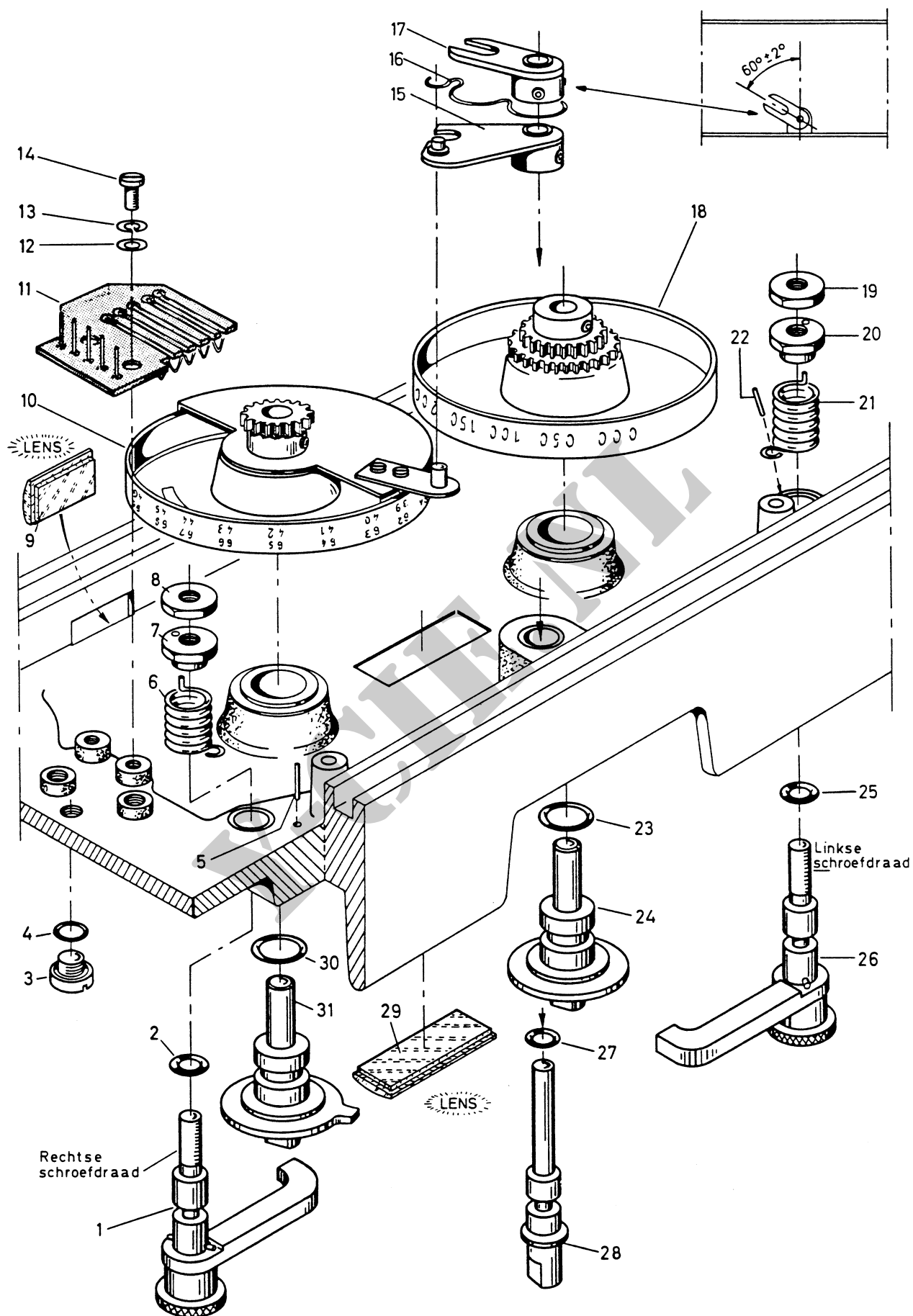
SPORENZUDE 8A



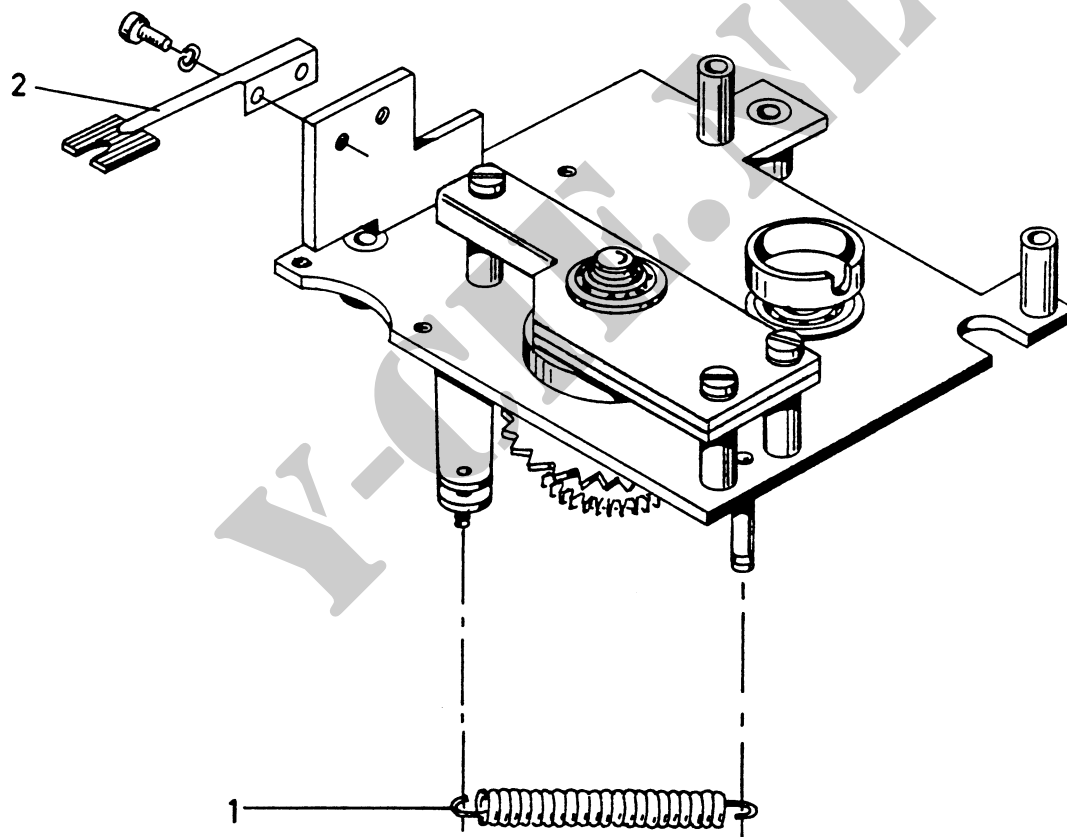
SPORENZUDE 8B

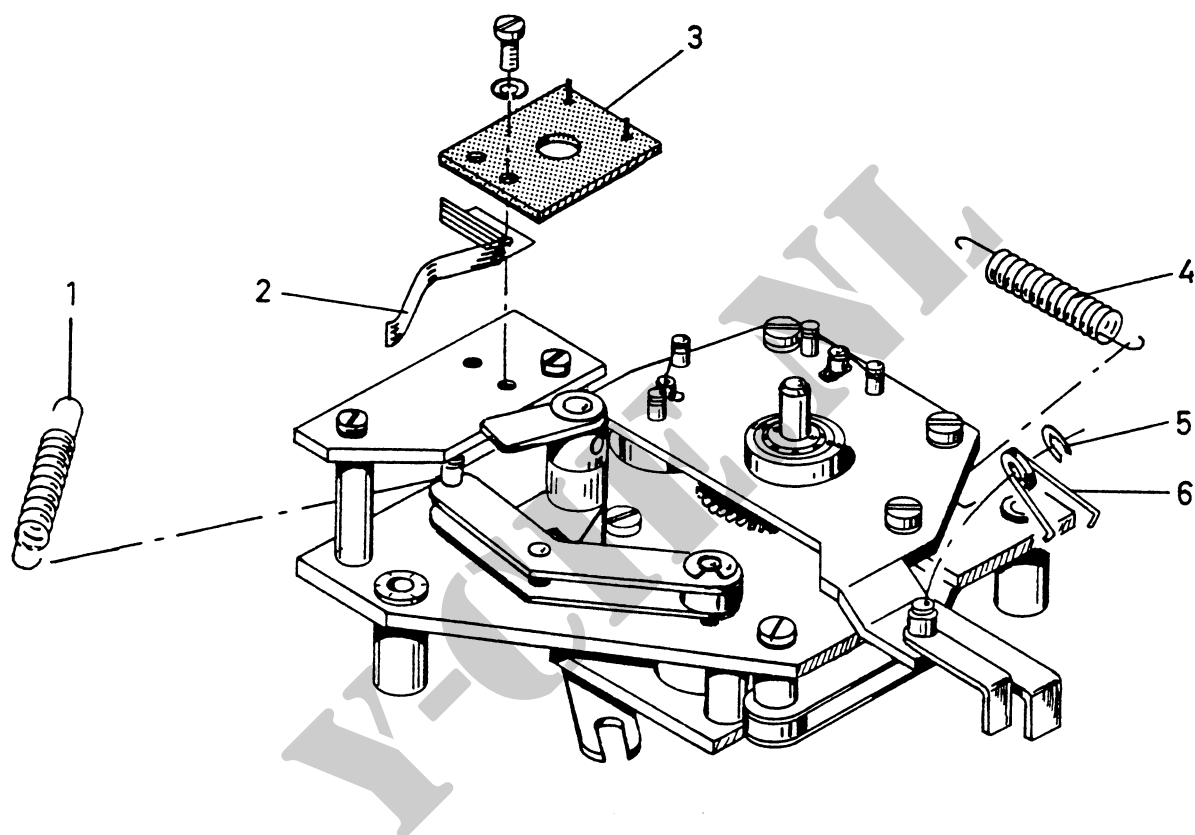


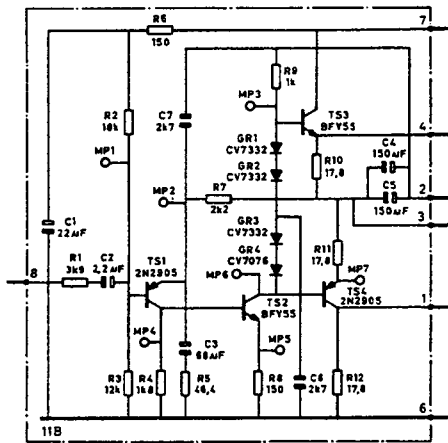
SPORENZUDE 9A



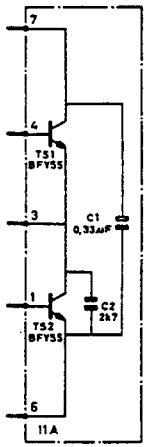
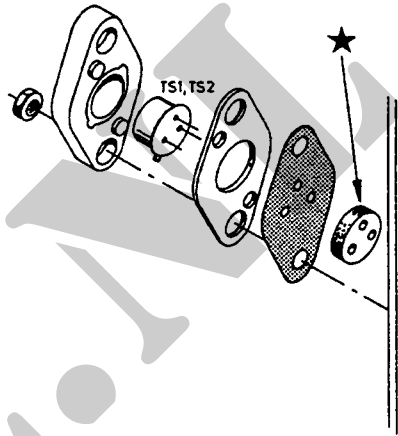
TEKENING 47



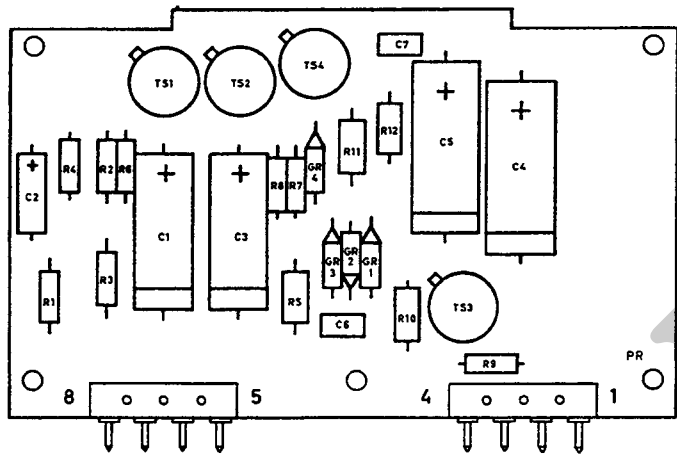




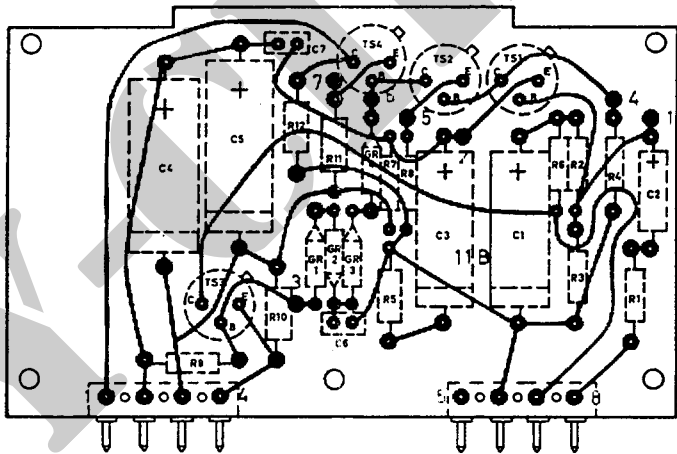
PRINCIPE SCHEMA



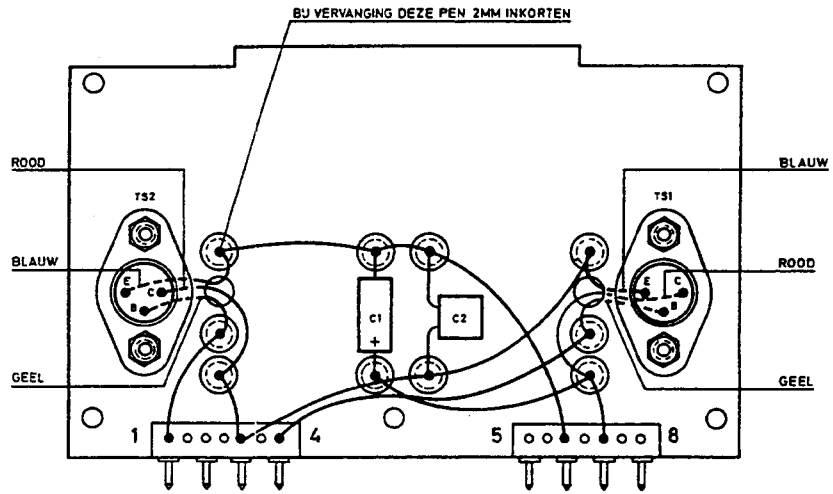
PRINCIPE SCHEMA



ONDERDELENZUDE

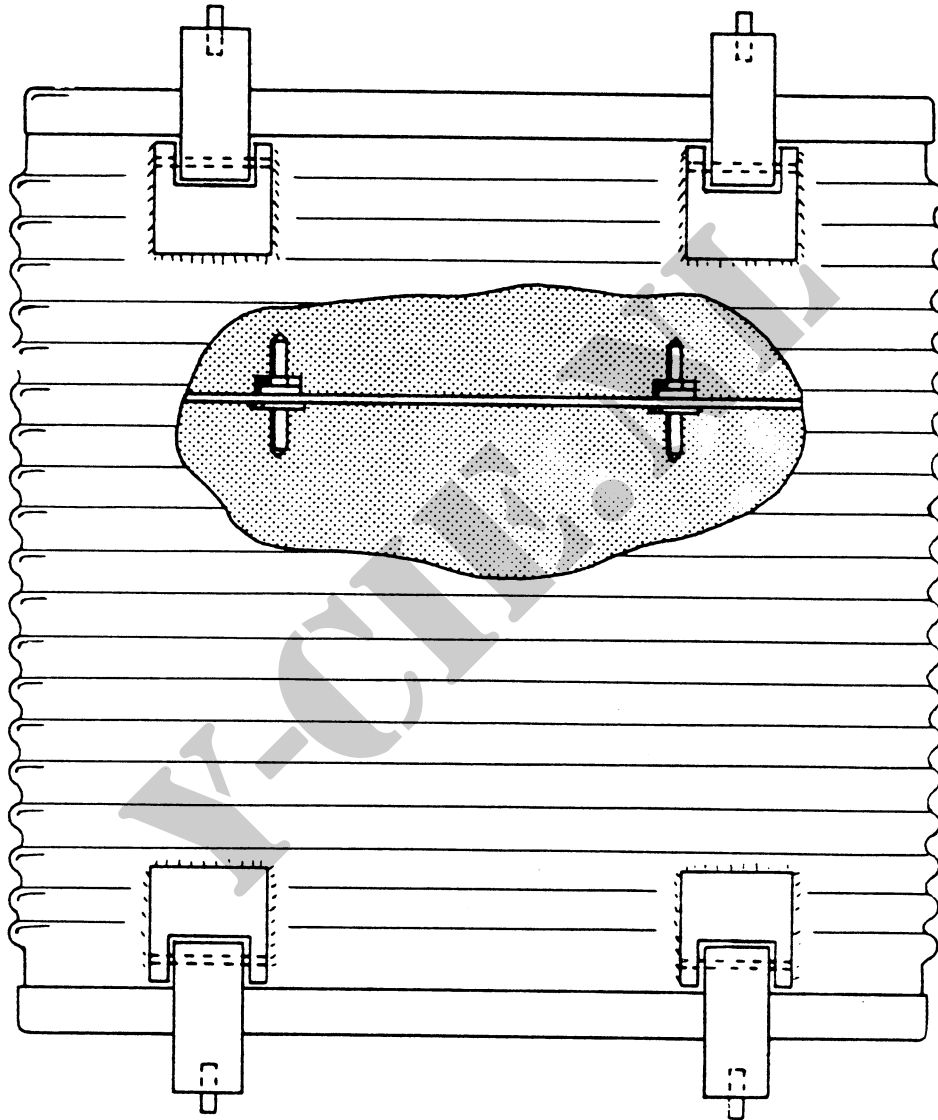


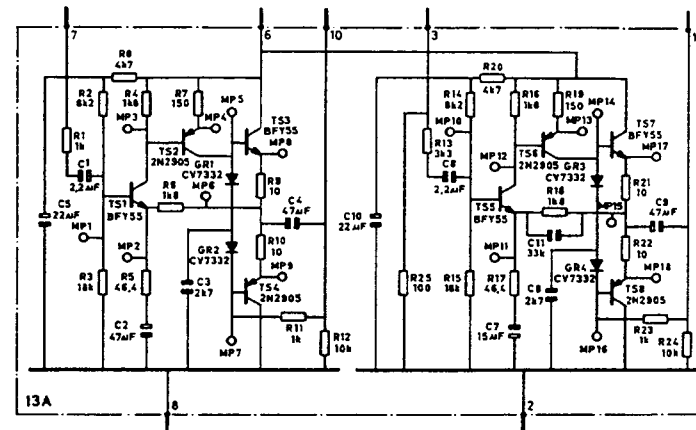
SPORENZUDE



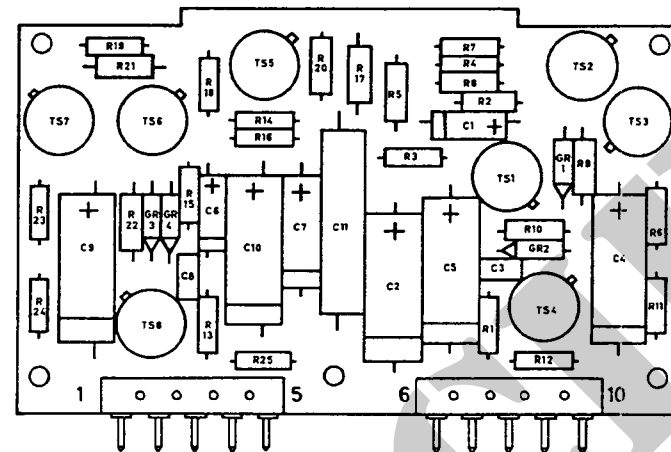
ONDERDELENZUDE EN BEDRADING

★ SCHUF ALLEEN MONTEREN BIJ TRANSISTOREN MET KORTE UITLOPERS, ZIE UITVOERINGSVORMEN

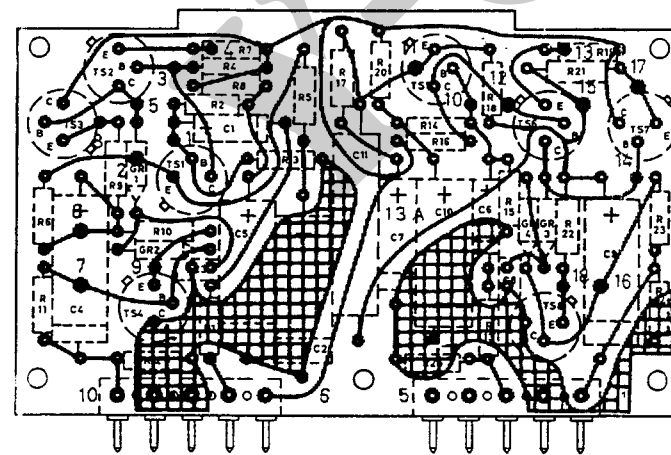




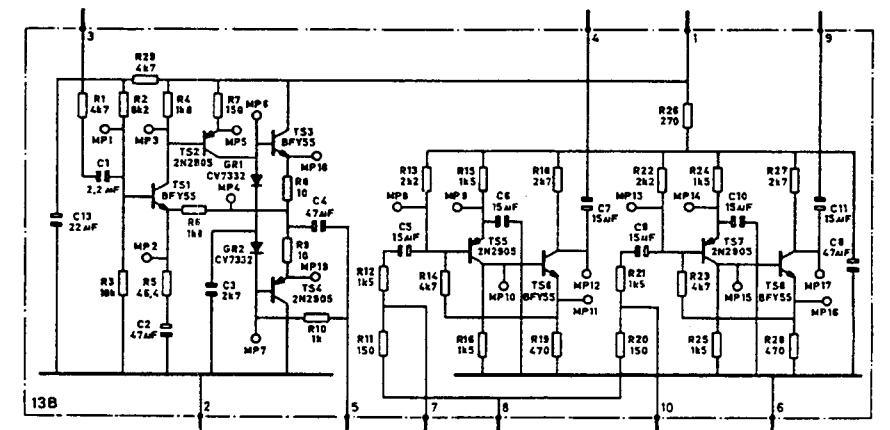
PRINCIPESHEMA



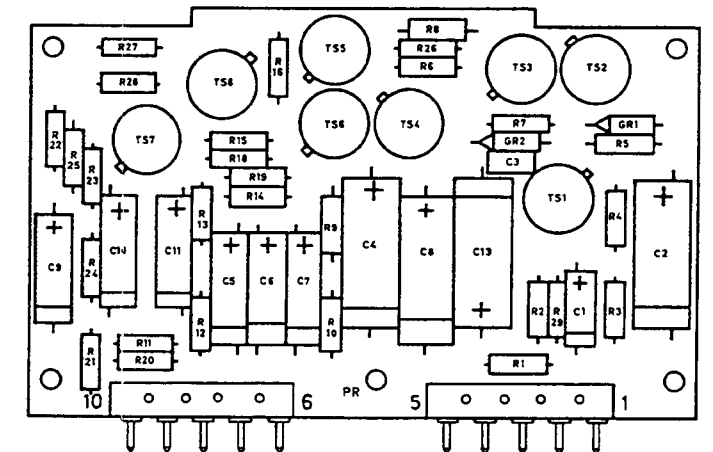
ONDERDELENZUDE



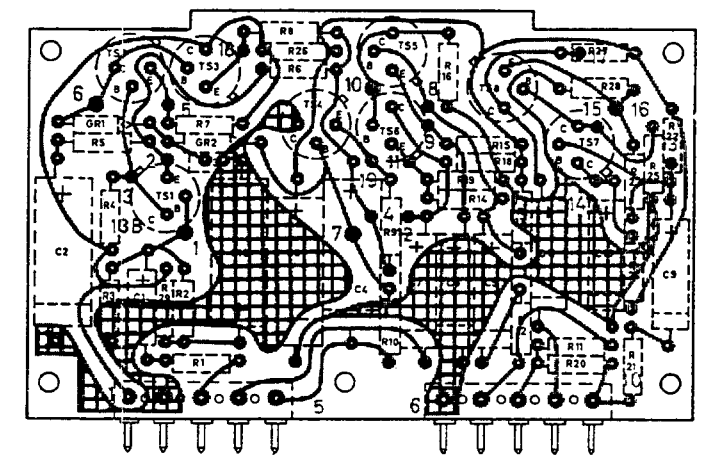
SPORENZUDE



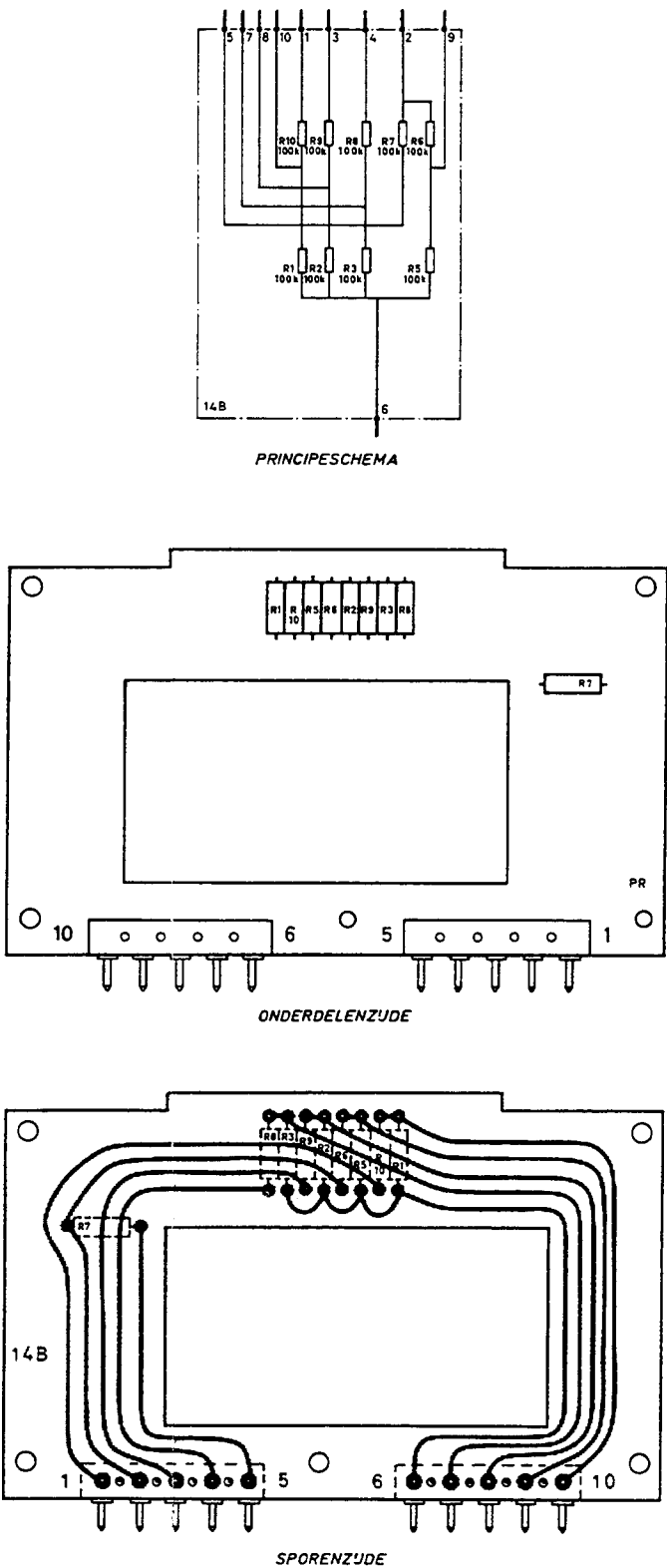
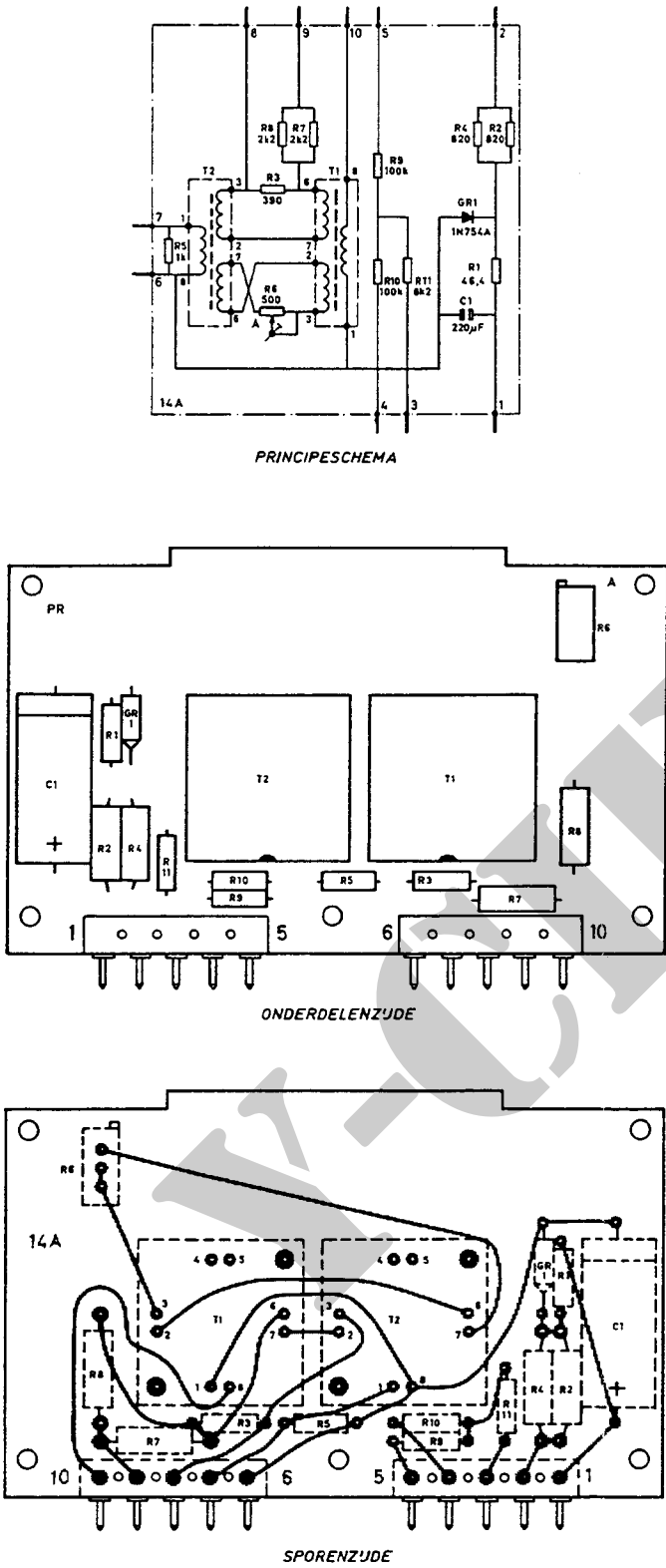
PRINCIPESHEMA

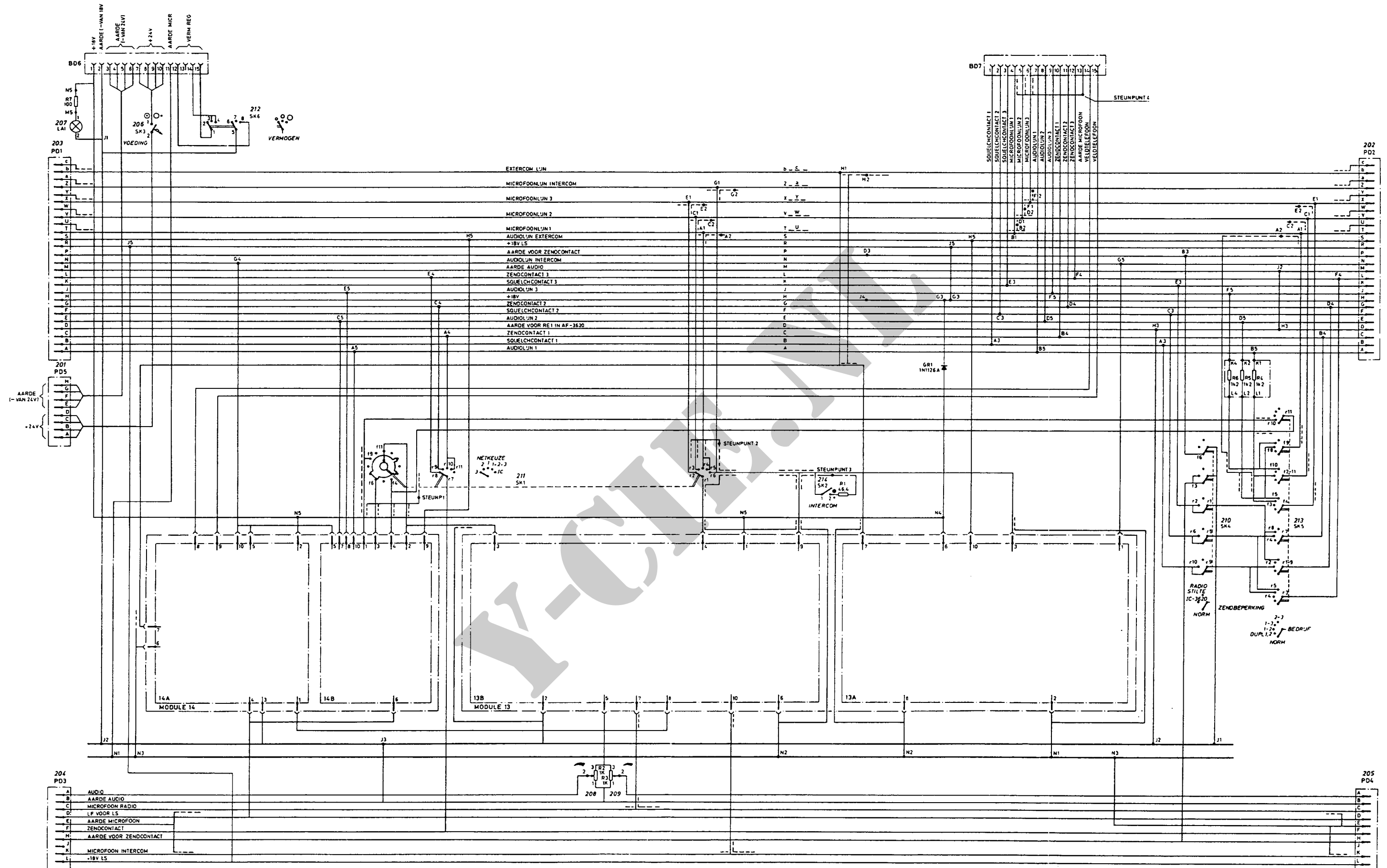


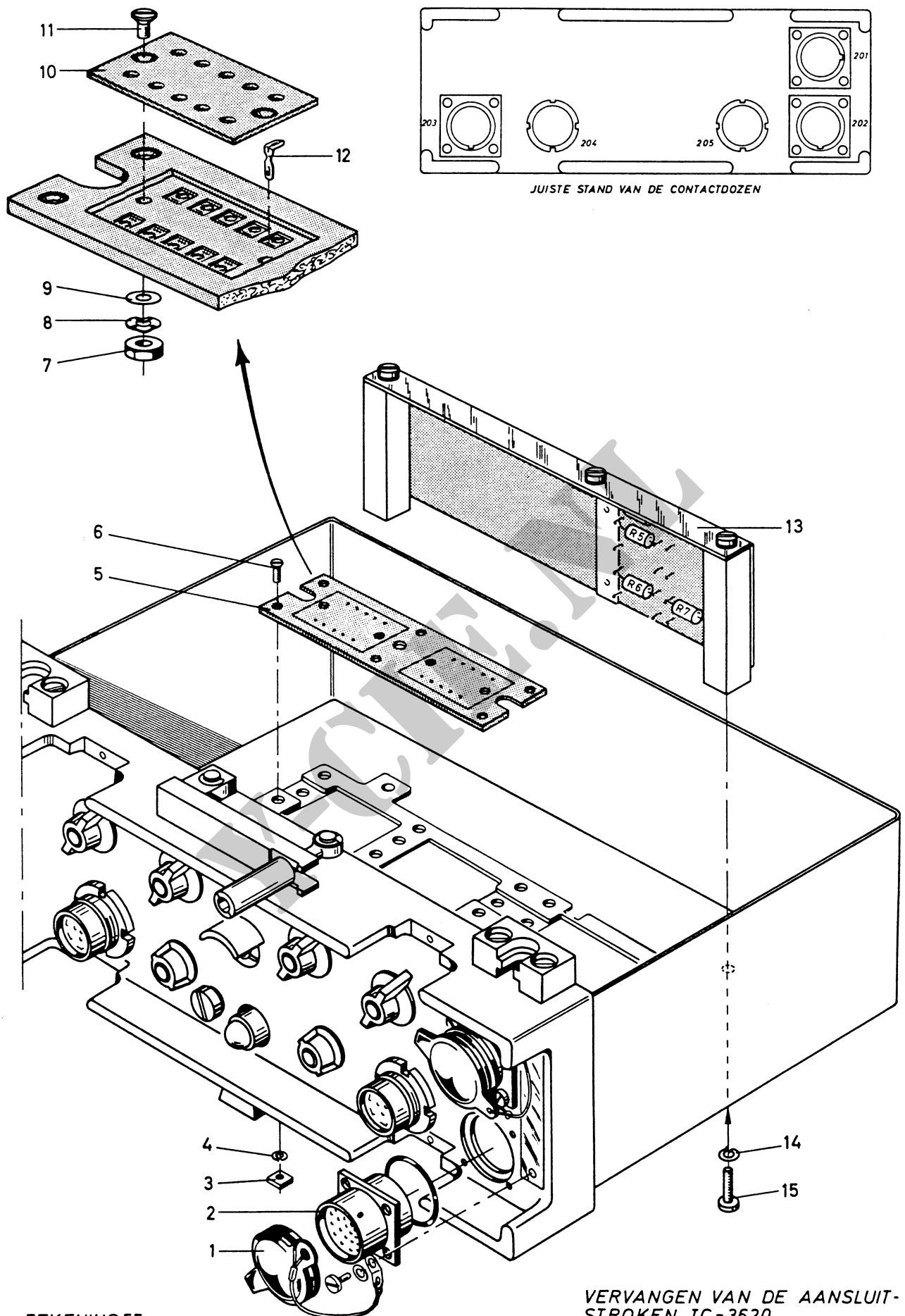
ONDERDELENZUDE



SPORENZUDE

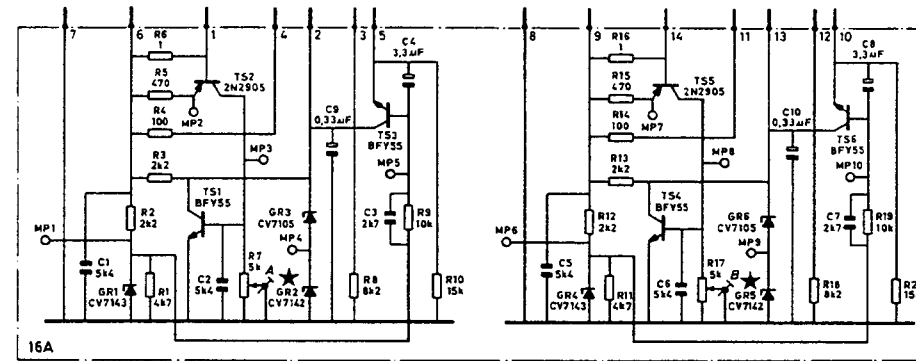




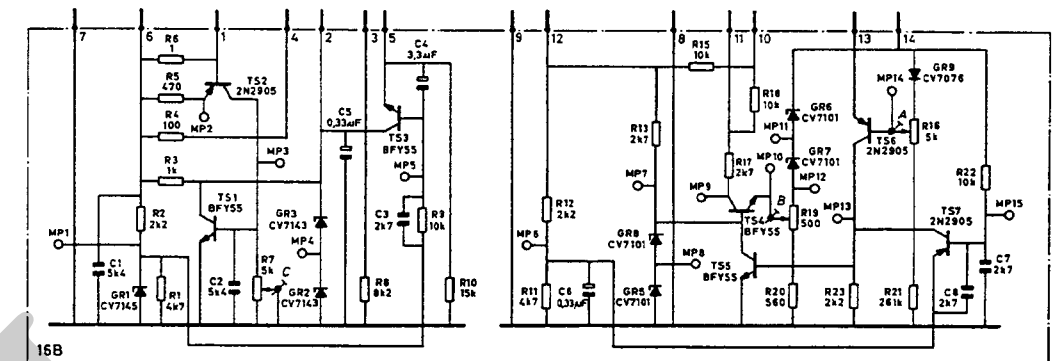


TEKENING 55

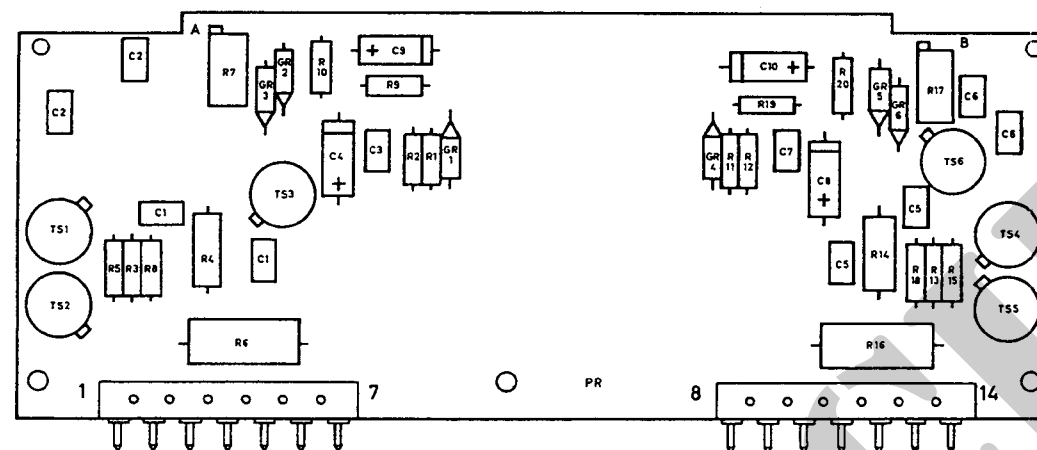
VERVANGEN VAN DE AANSLUIT-
STROKEN IC-3620



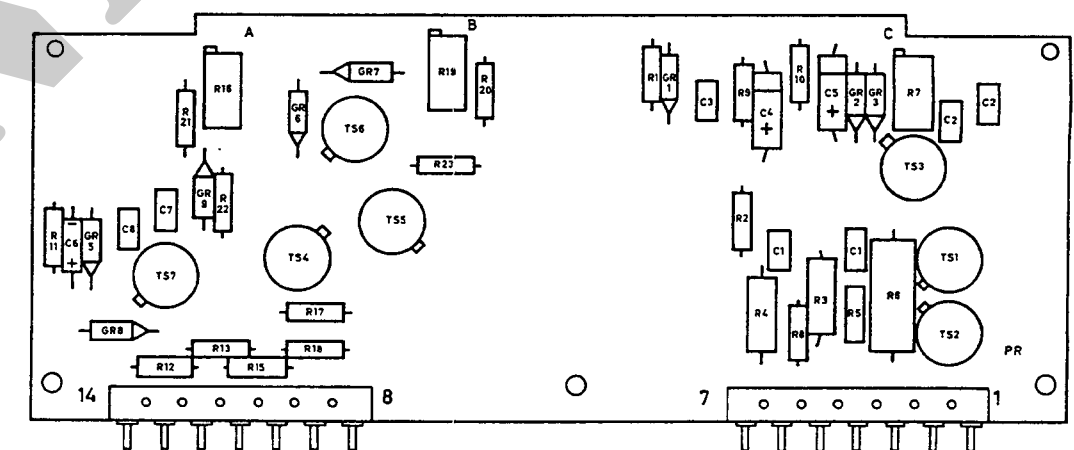
PRINCIPESHEMA



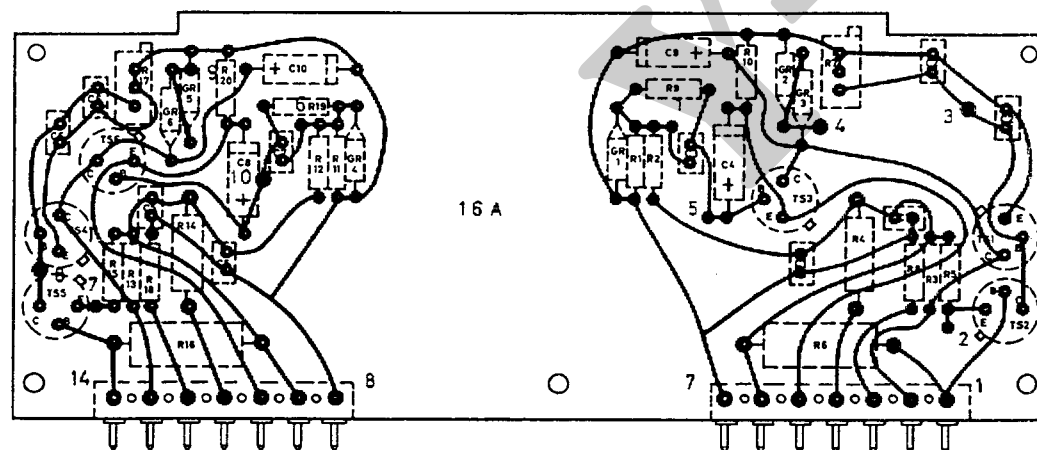
PRINCIPESHEMA



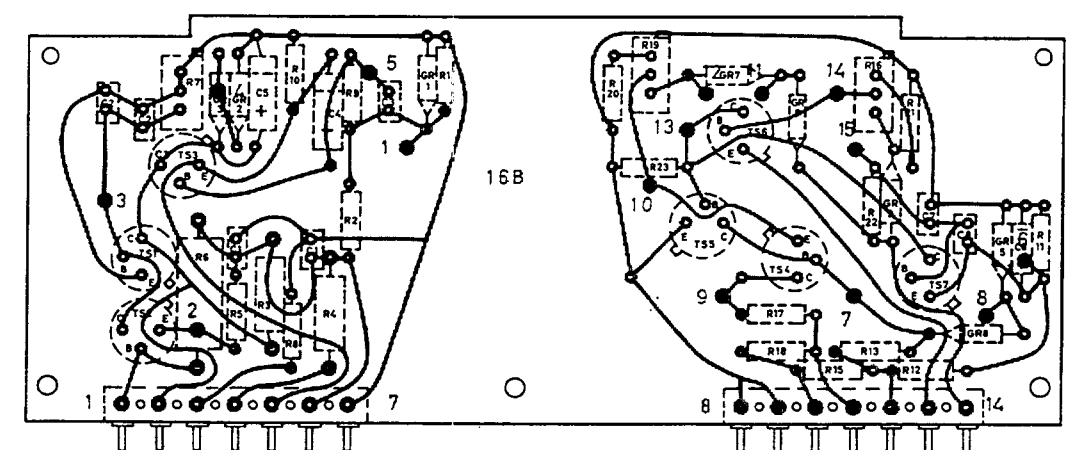
ONDERDELENZUDE



ONDERDELENZUDE

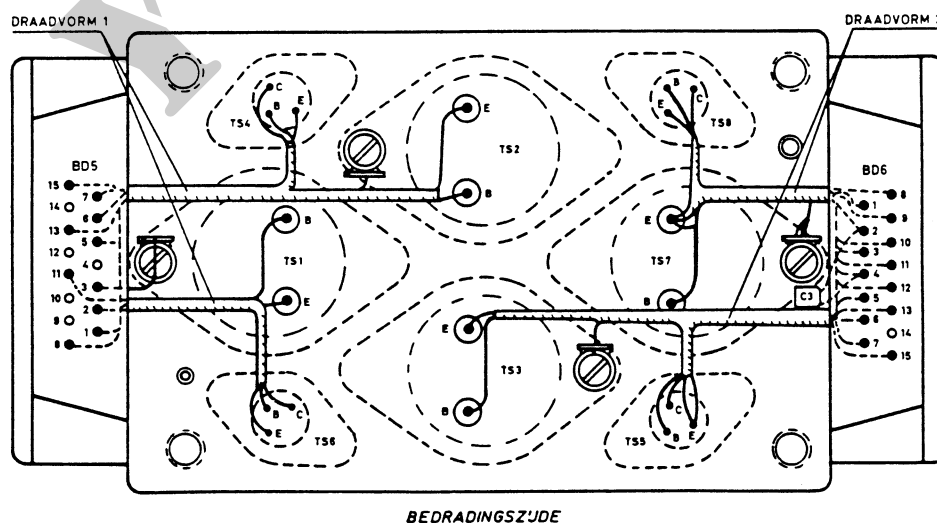
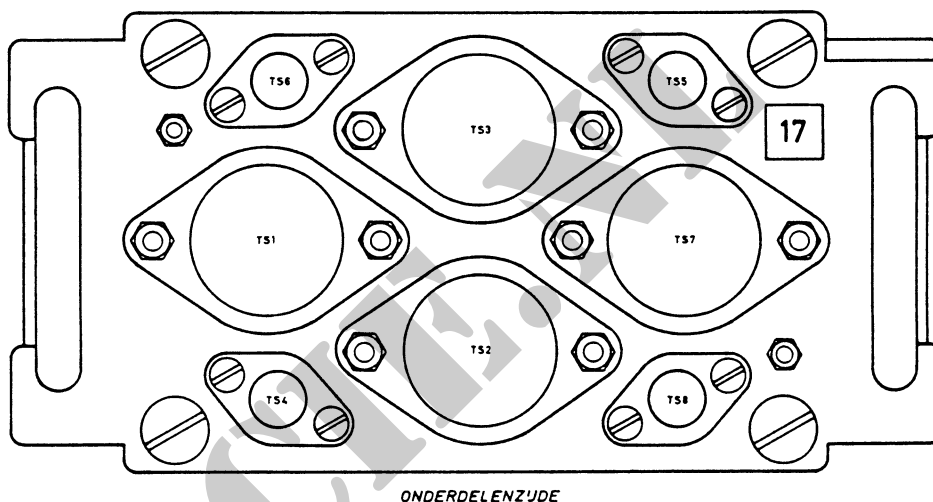
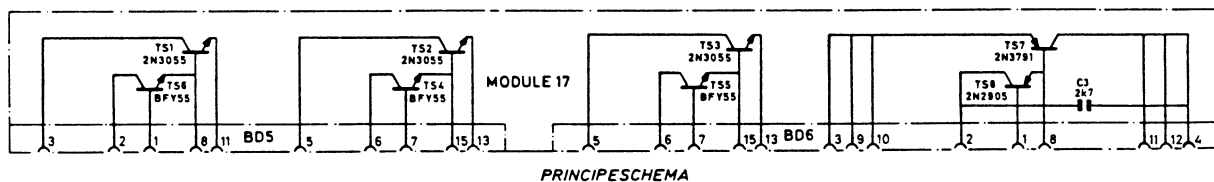


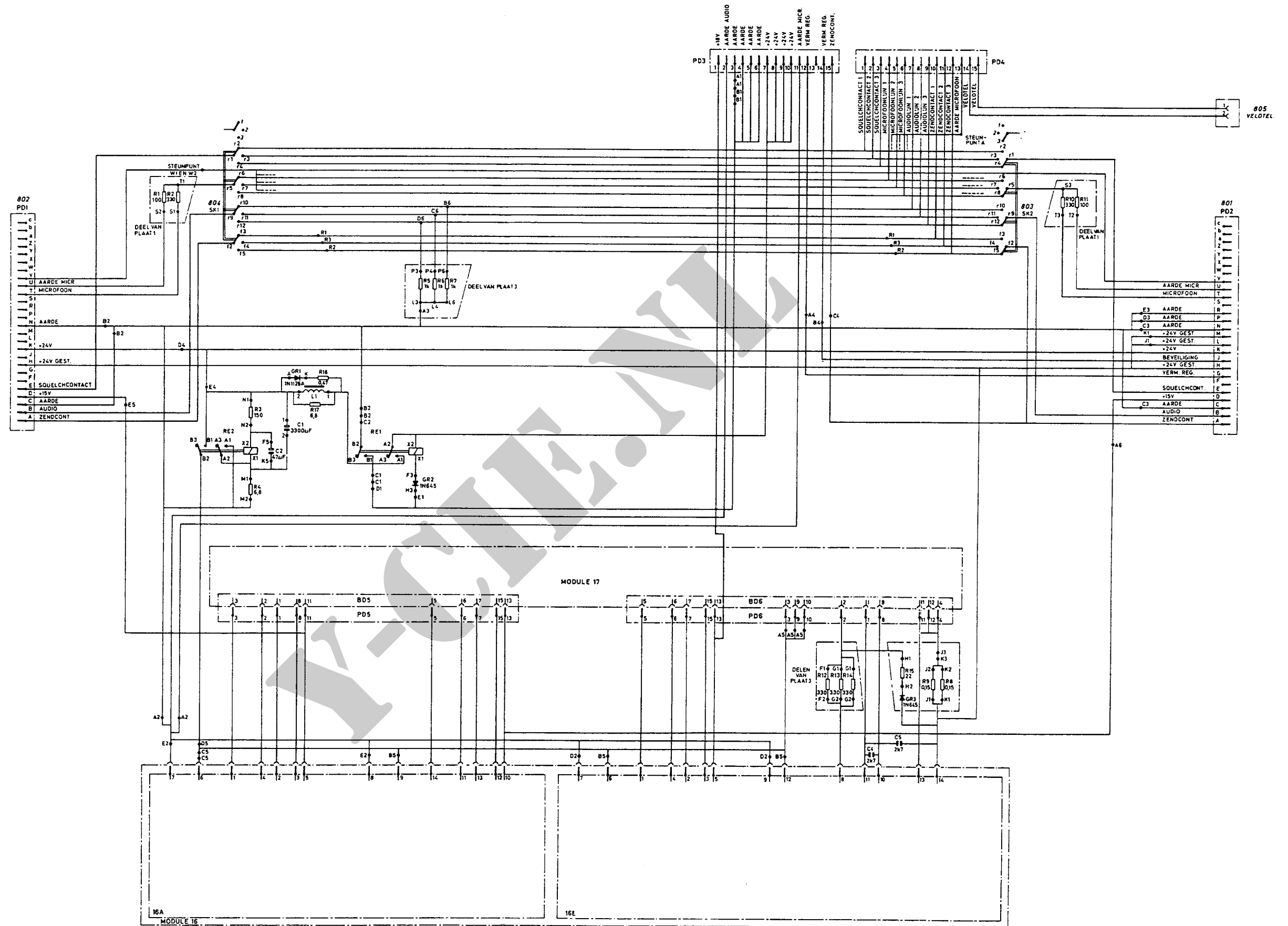
SPORENZUDE

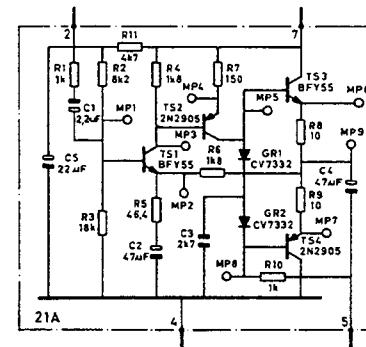


SPORENZUDE

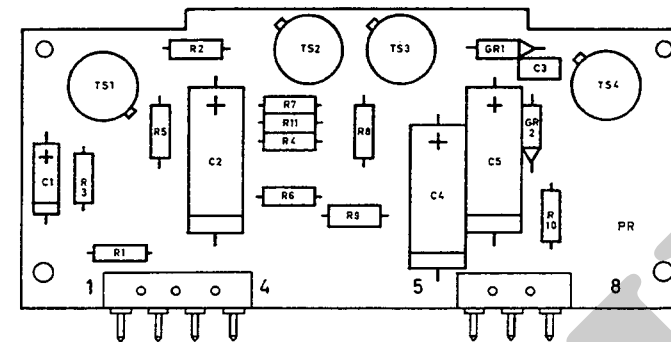
★GR2,GR5= CV7105 OP PRENTPLATEN 16A UITVOERING "I" ZIE UITVOERINGSVORMEN



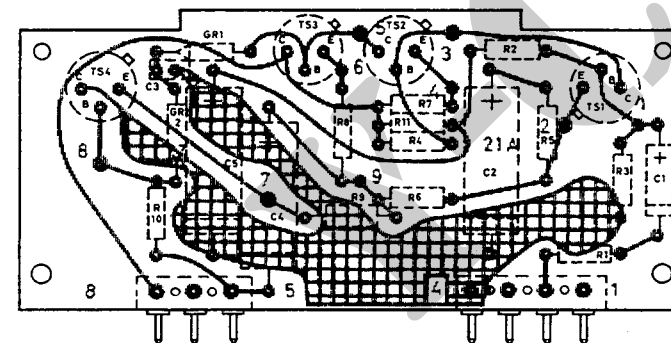




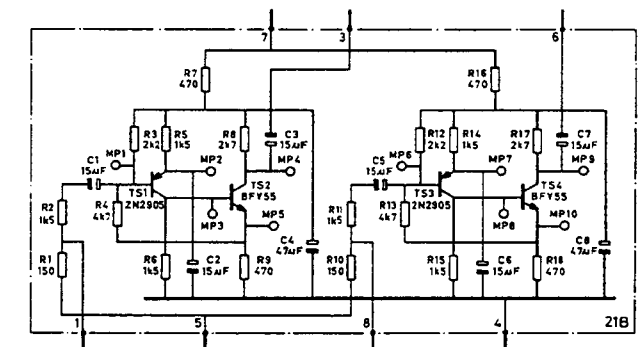
PRINCIPESCHEMA



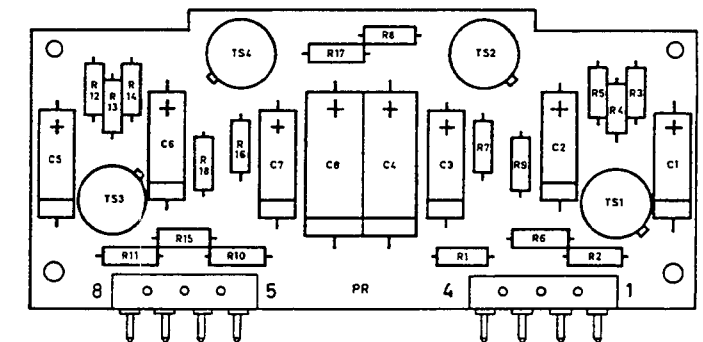
ONDERDELENZIJDE



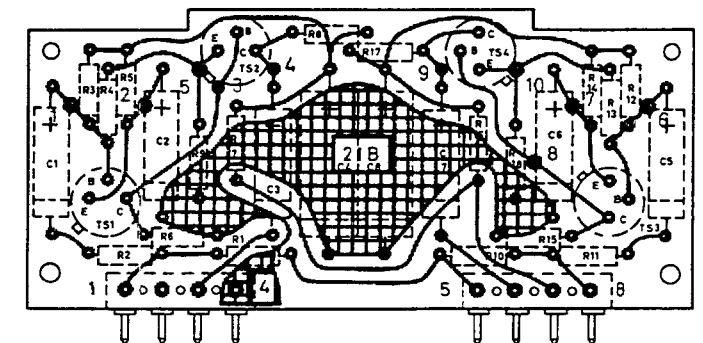
SPORENZIJDE



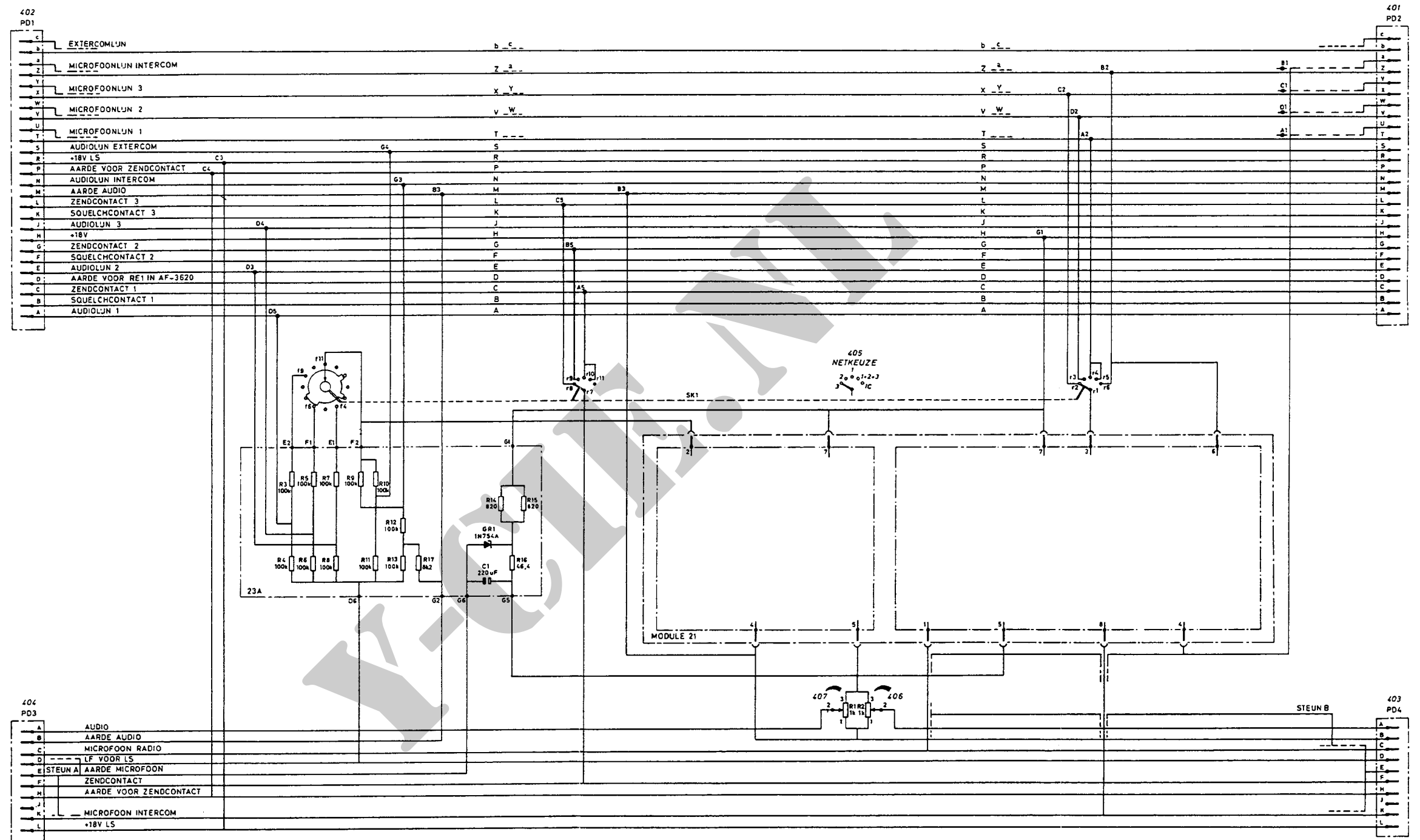
PRINCIPESCHEMA

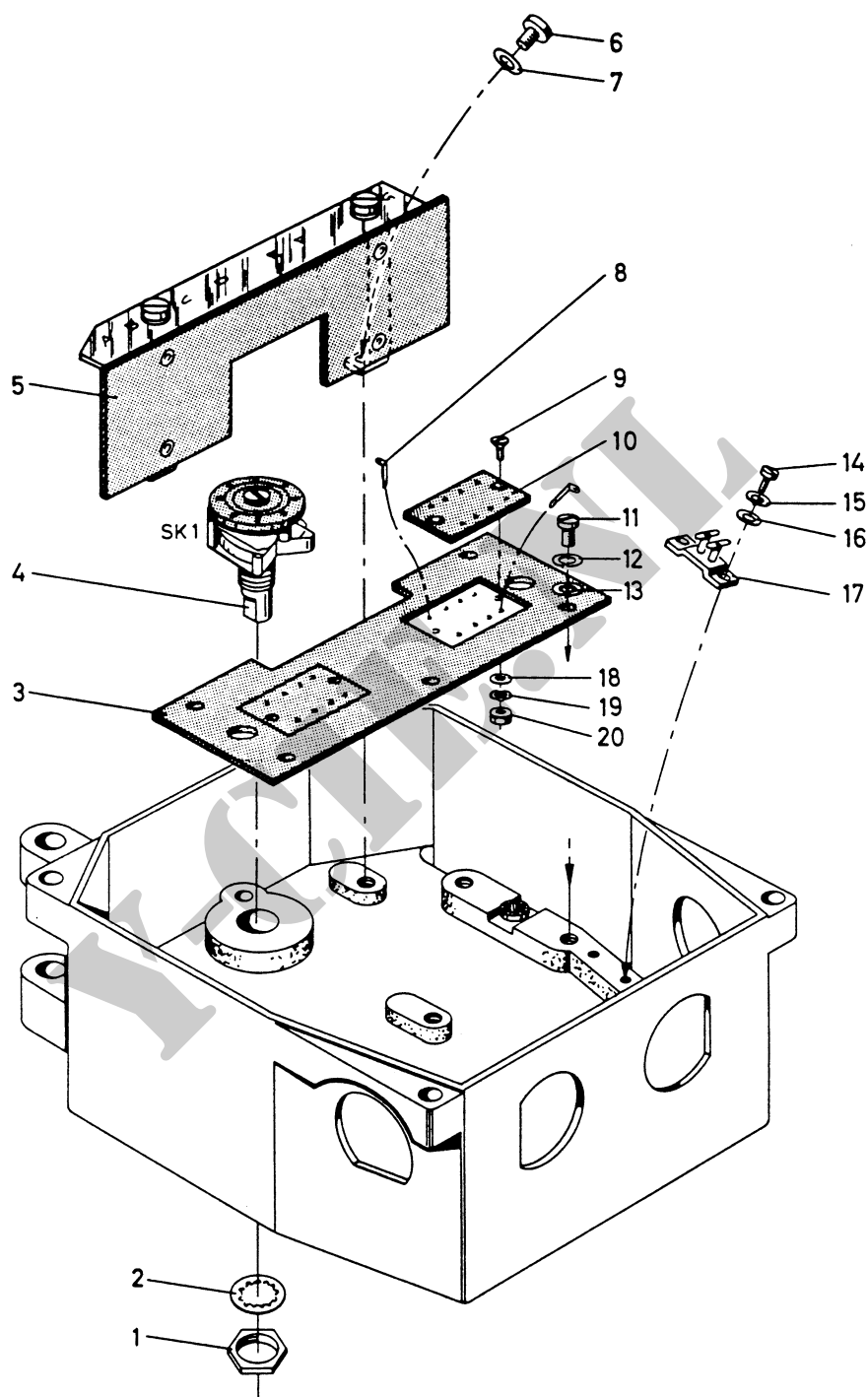


ONDERDELENZIJDE



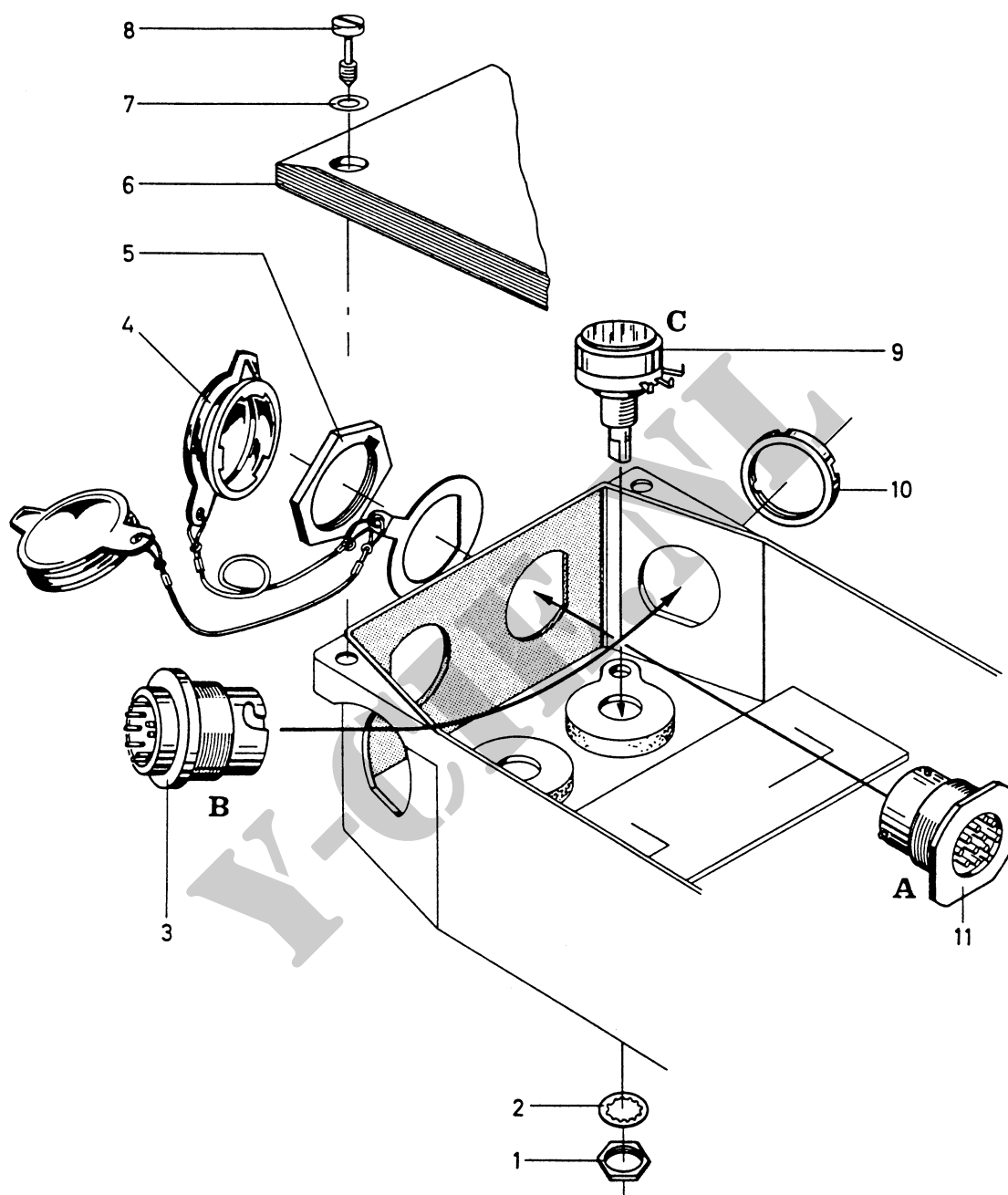
SPORENZIJDE

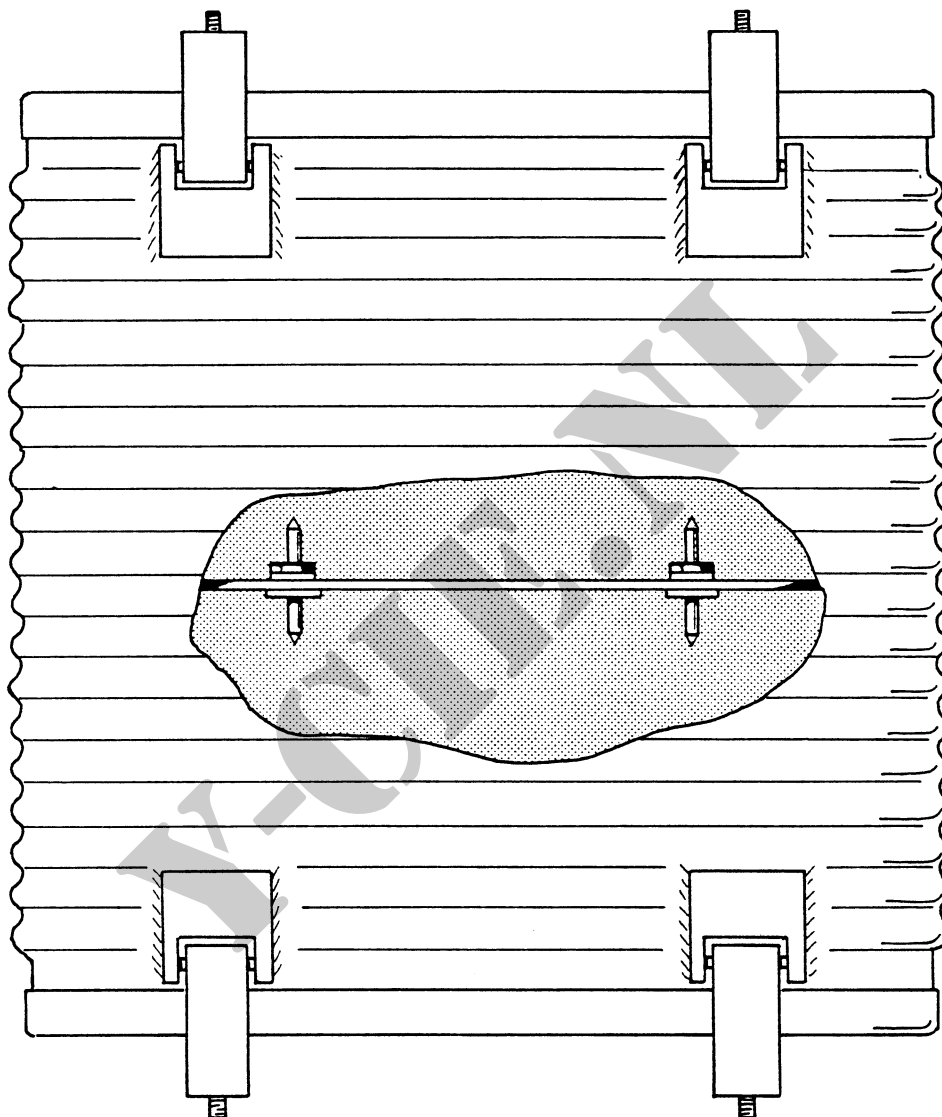


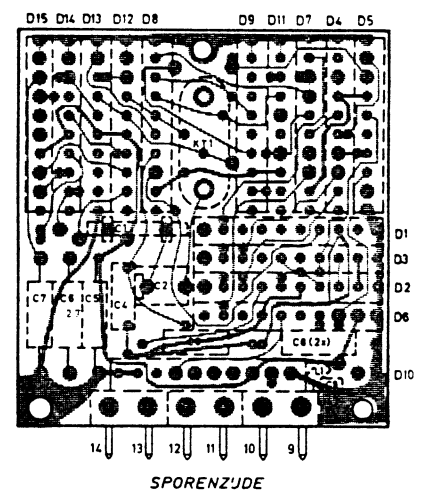
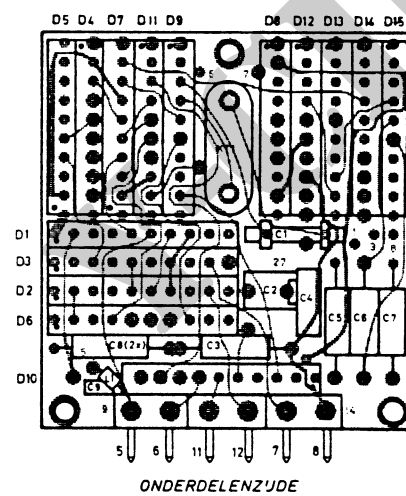
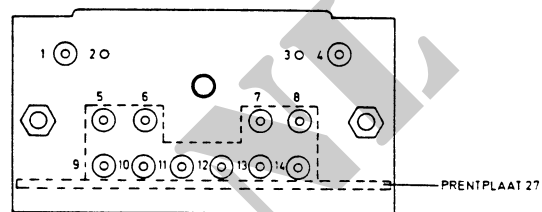
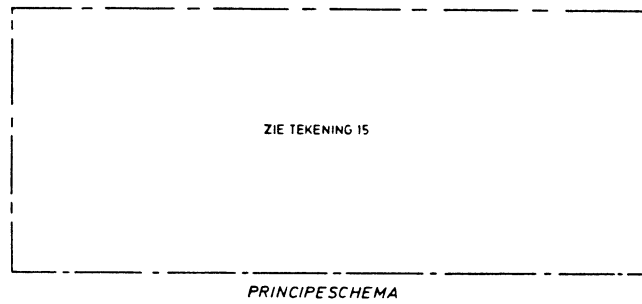


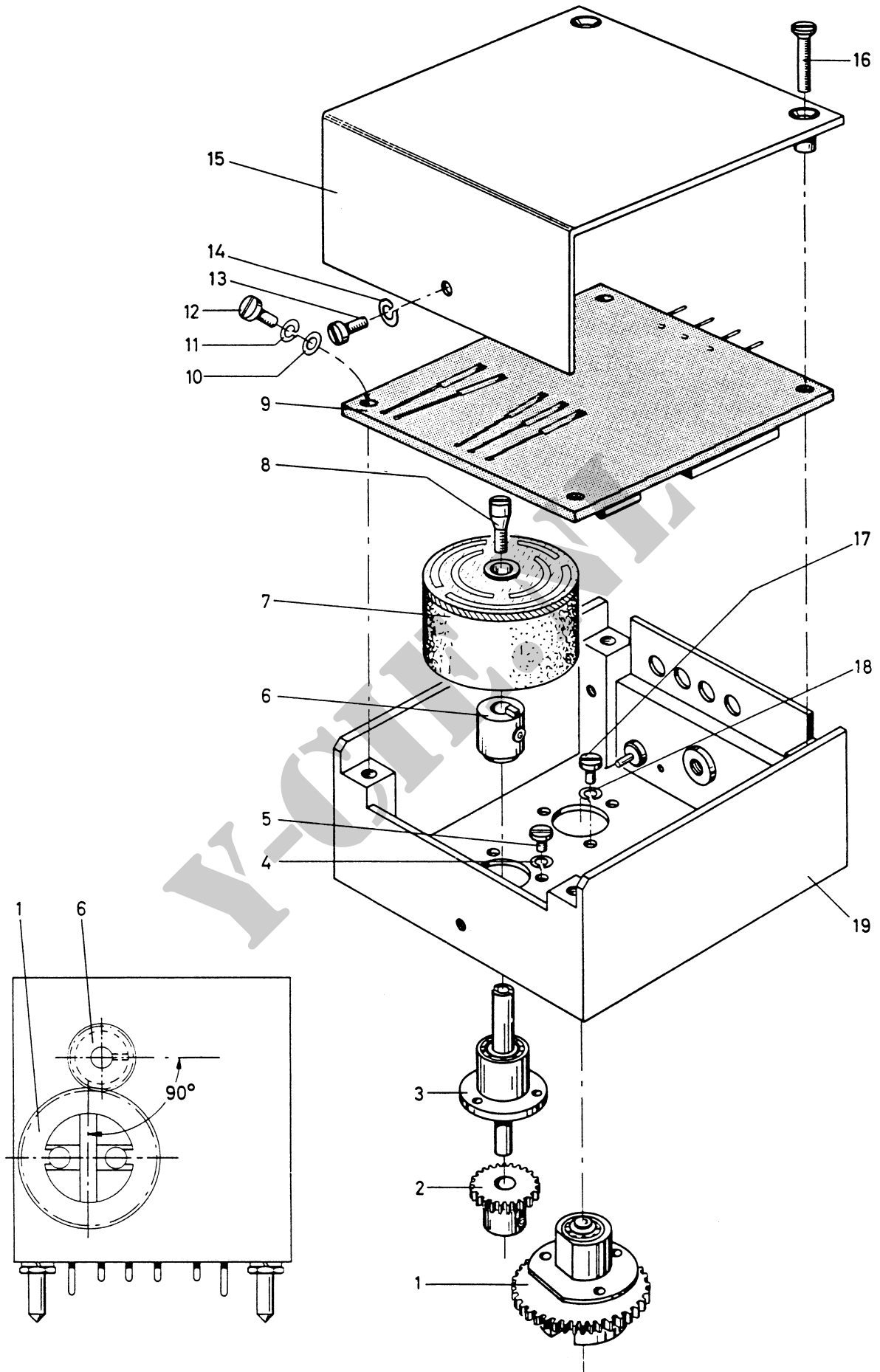
TEKENING 61

DEMONTEREN EN MONTEREN
VAN DE AANSLUITSTROKEN IN
DE C-3621

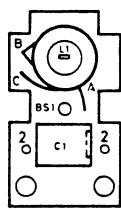








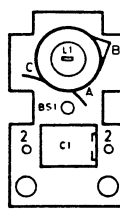
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ONDERDELENZIJDE 29A



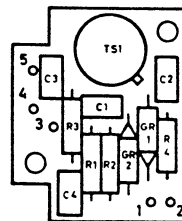
SPORENZIJDE 29A



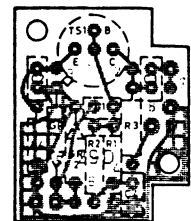
ONDERDELENZIJDE 29B



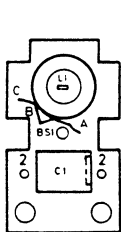
SPORENZIJDE 29B



ONDERDELENZIJDE 29D



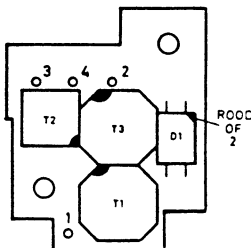
SPORENZIJDE 29D



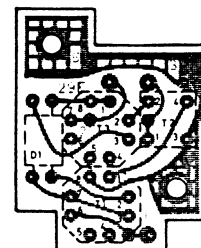
ONDERDELENZIJDE 29C



SPORENZIJDE 29C

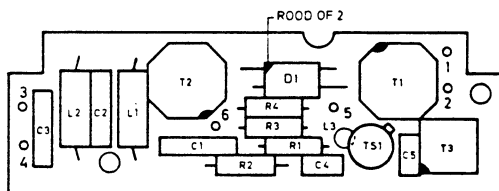


ONDERDELENZIJDE 29E

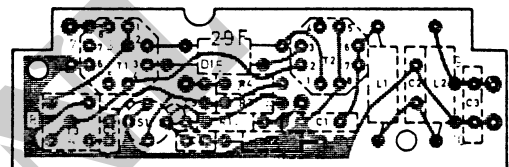


SPORENZIJDE 29E

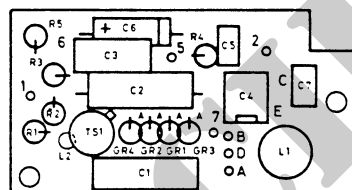
* VOOR PRINCIPESCHMA'S
MODULE 29
ZIE TEKENING 11



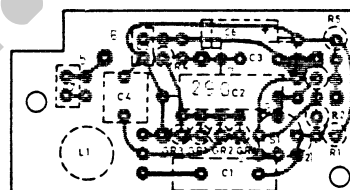
ONDERDELENZIJDE 29F



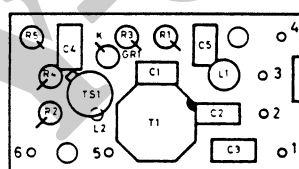
SPORENZIJDE 29F



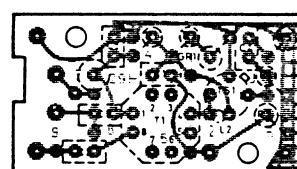
ONDERDELENZIJDE 29G



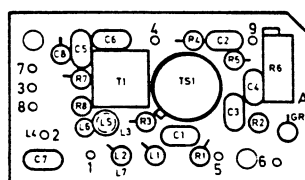
SPORENZIJDE 29G



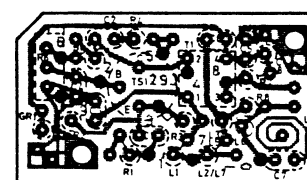
ONDERDELENZIJDE 29H



SPORENZIJDE 29H

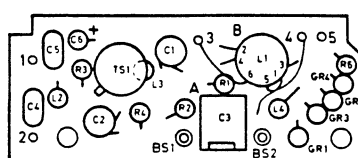


ONDERDELENZIJDE 29J

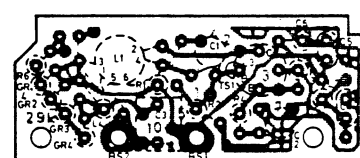


SPORENZIJDE 29J

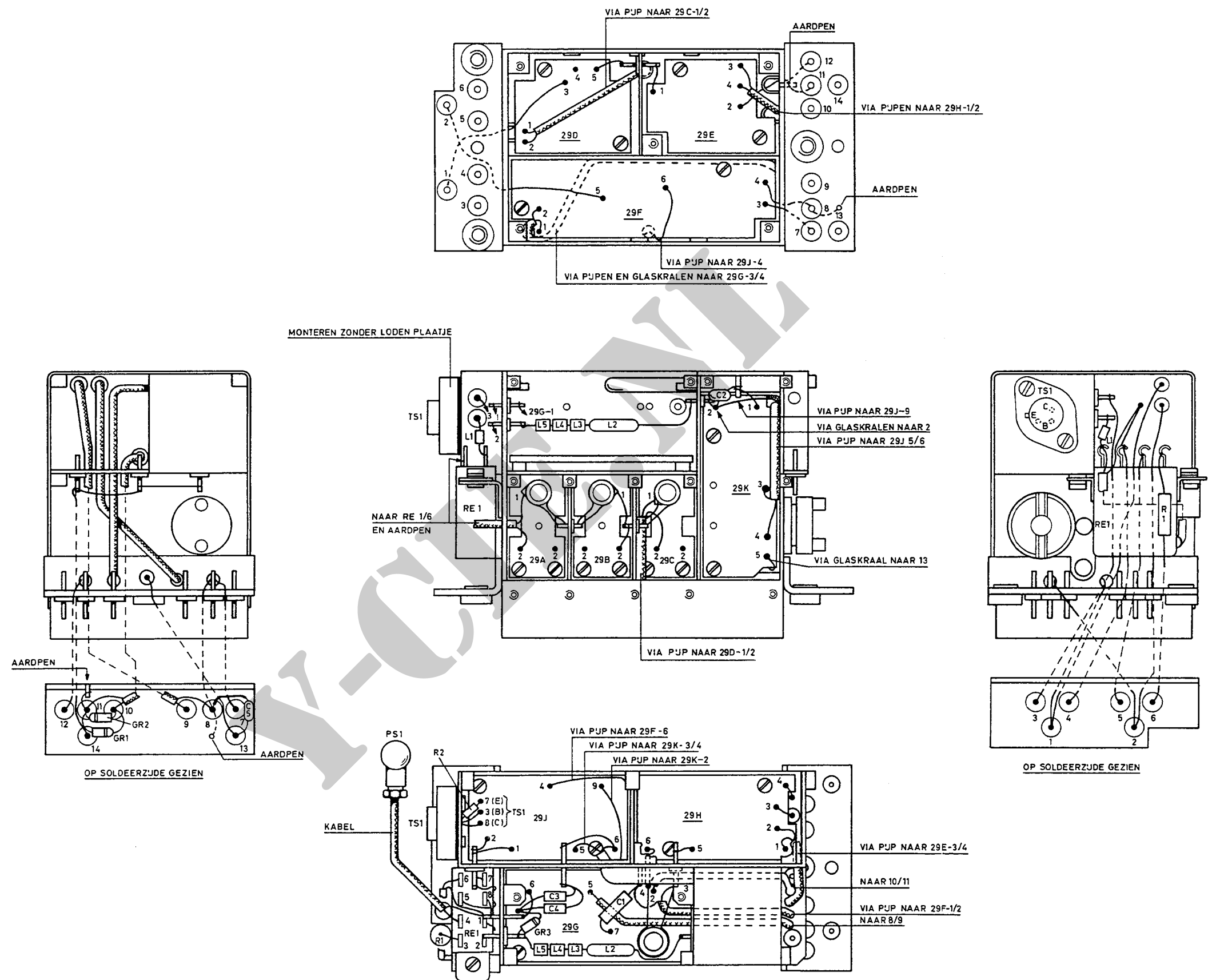
L4 = PRENTSPOEL →

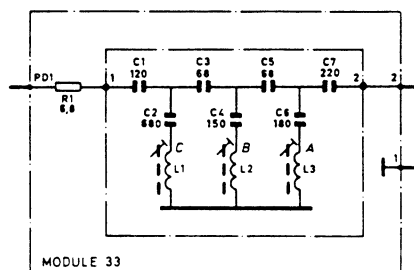


ONDERDELENZIJDE 29K

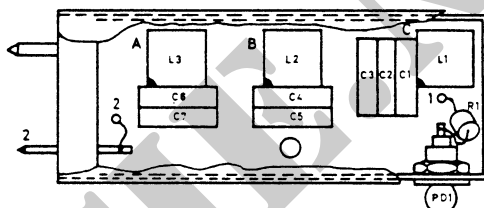


SPORENZIJDE 29K

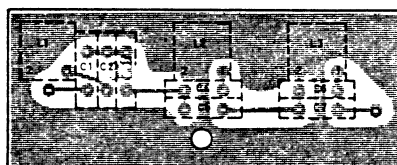




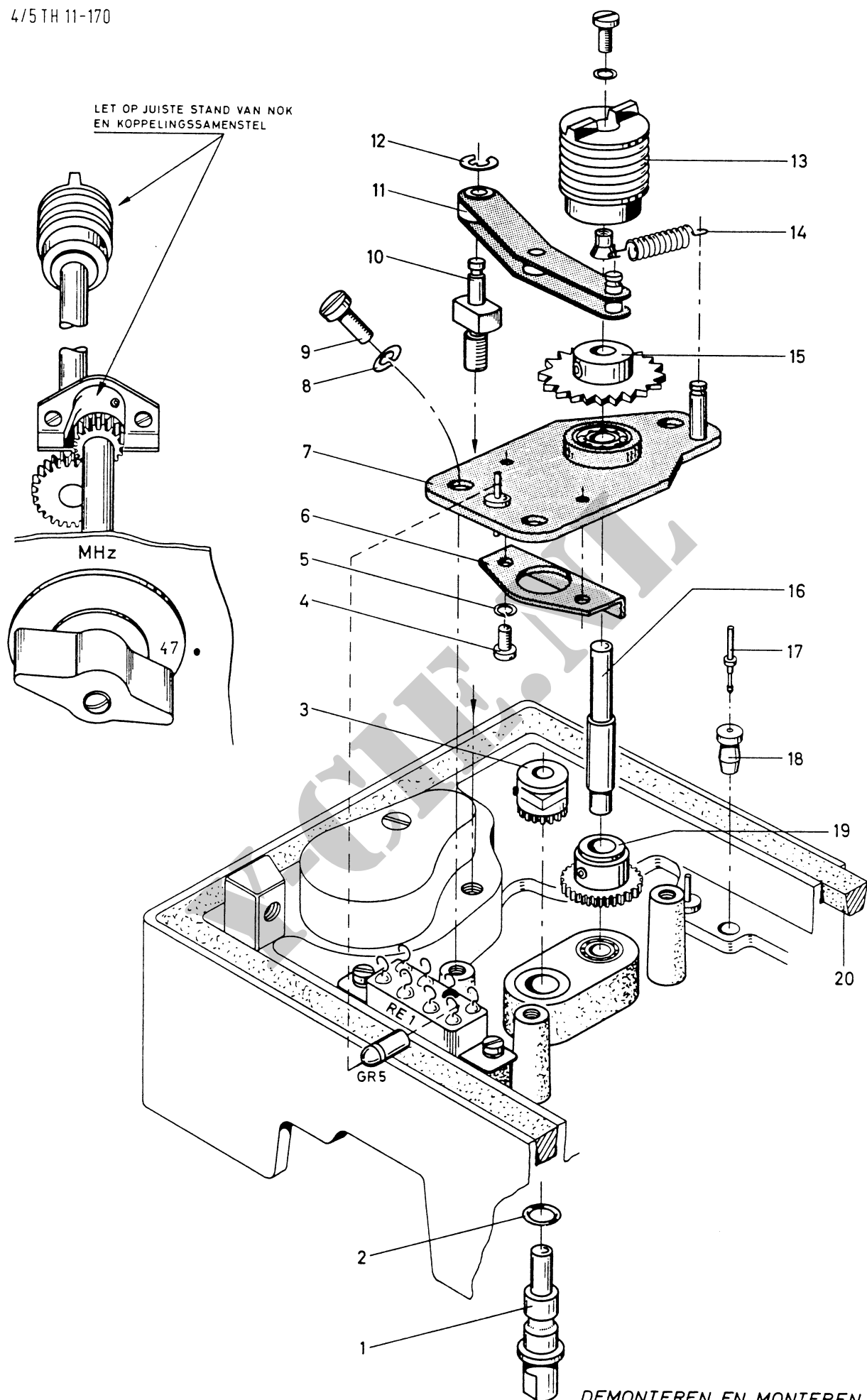
PRINCIPESHEMA

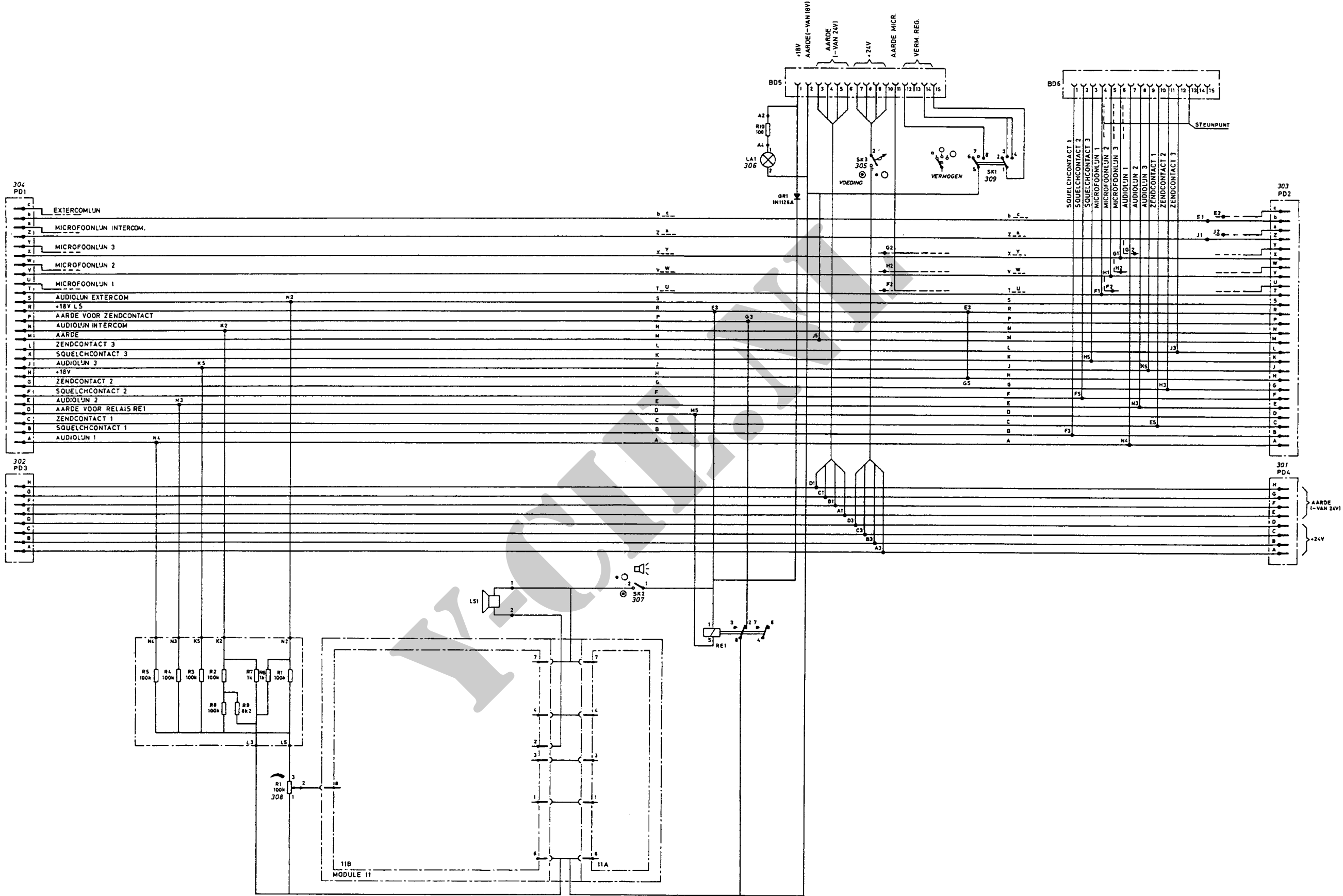


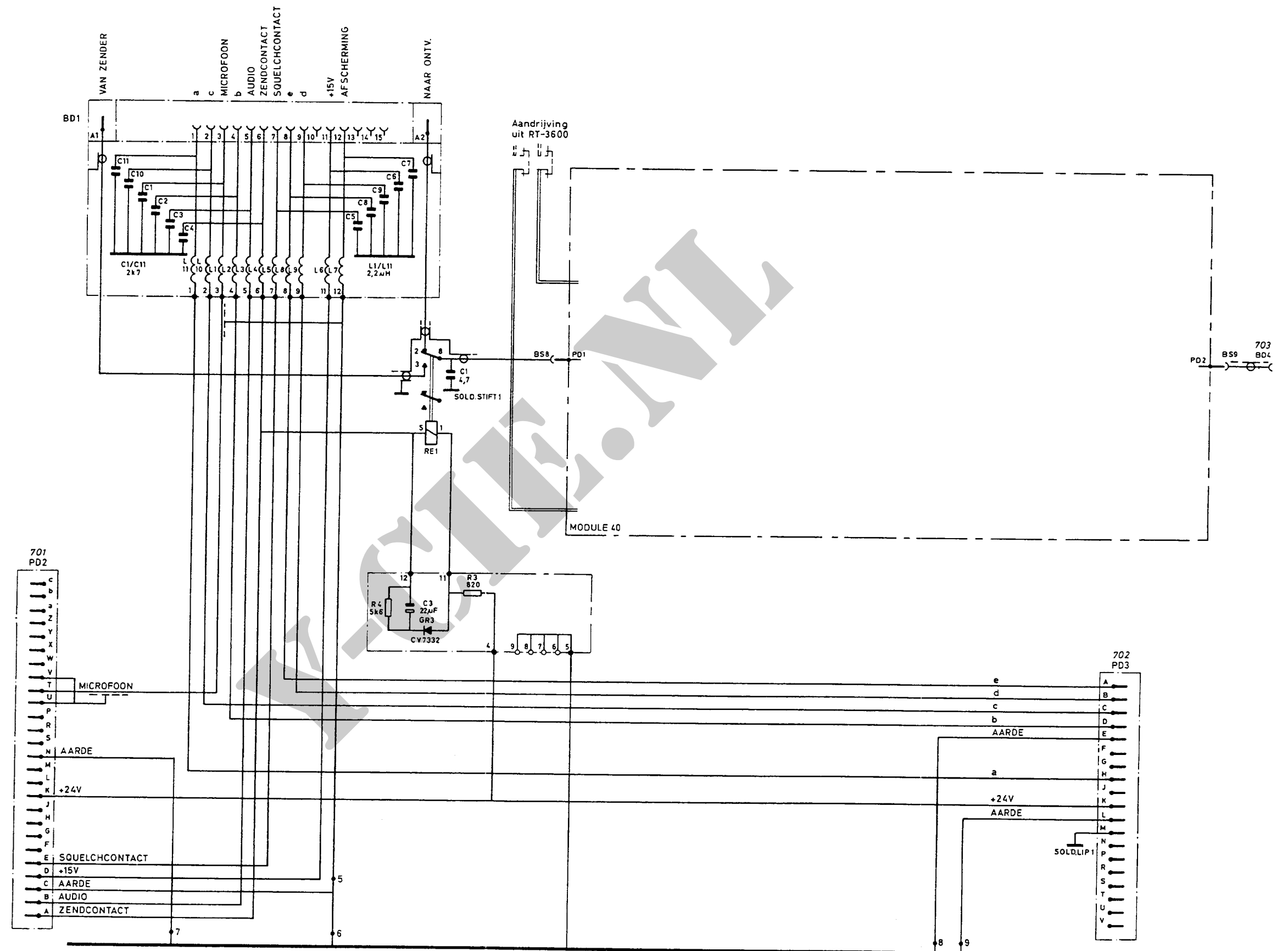
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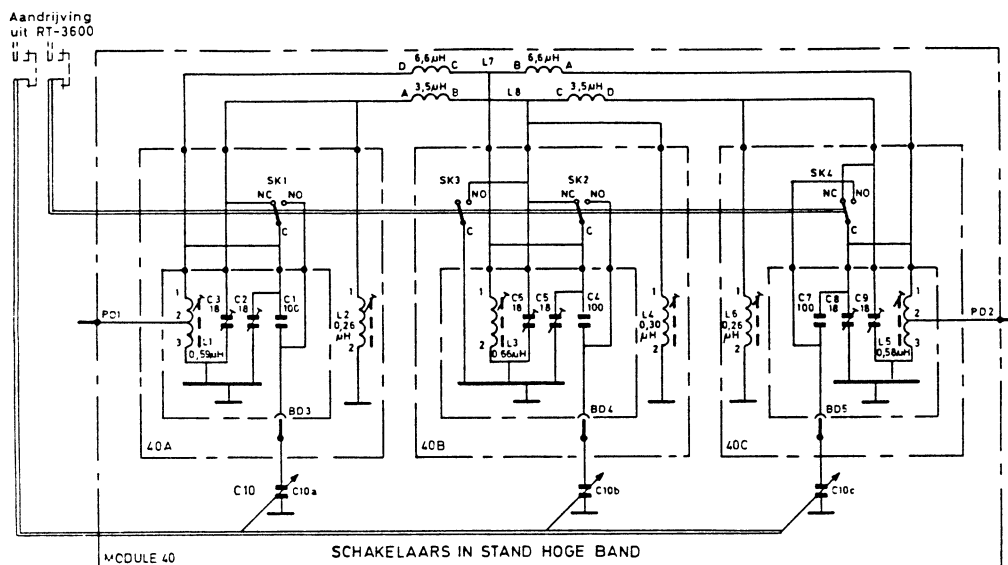


SPORENZIJDE

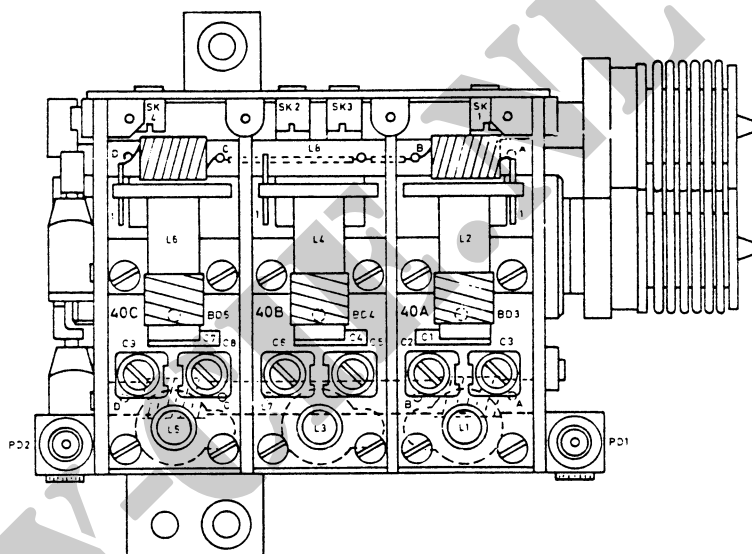




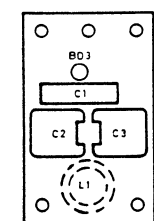




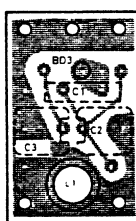
PRINCIPESCHMA



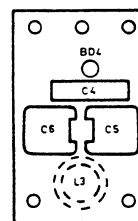
ONDERDELEN OPSTELLING



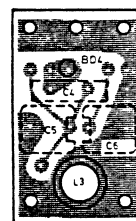
ONDERDELENZIJDE 40A



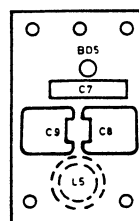
SPORENZIJDE



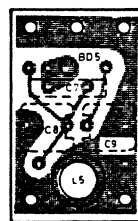
ONDERDELENZIJDE 40B



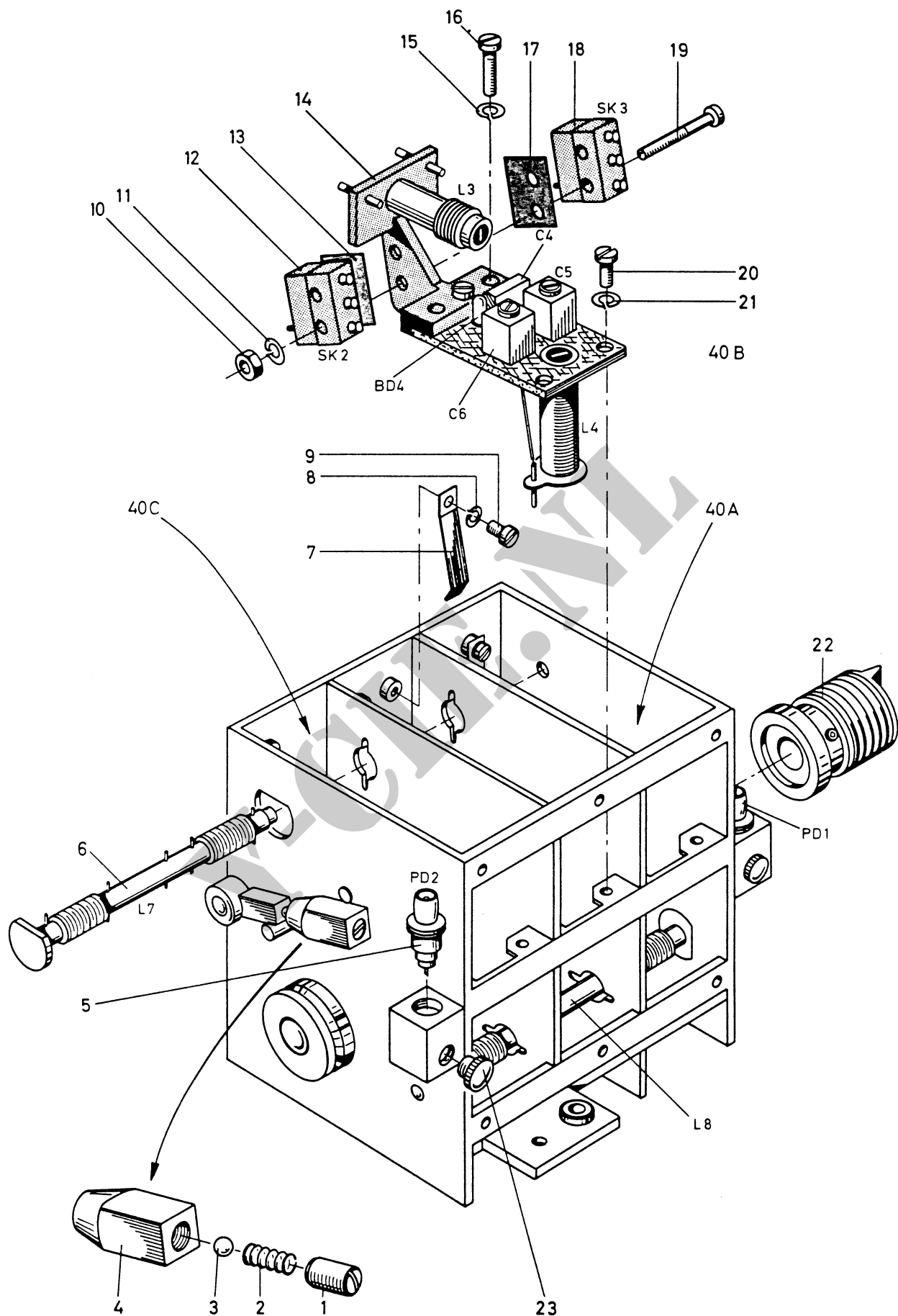
SPORENZIJDE

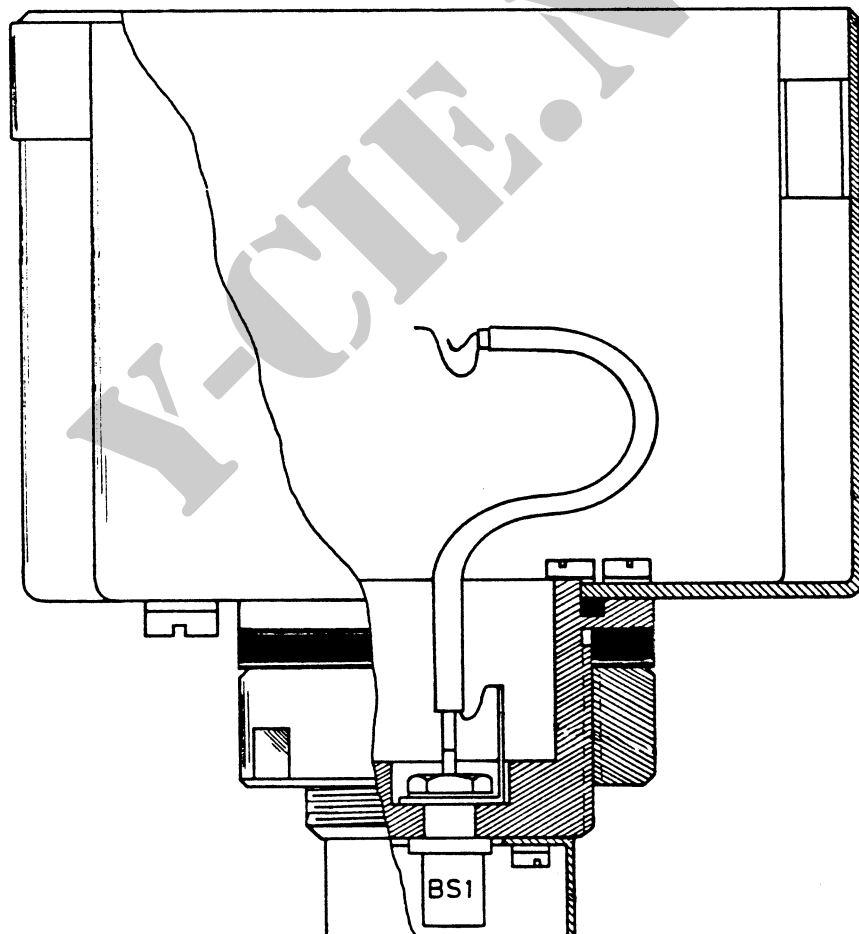
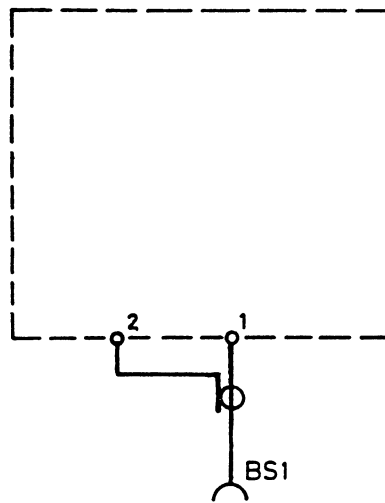


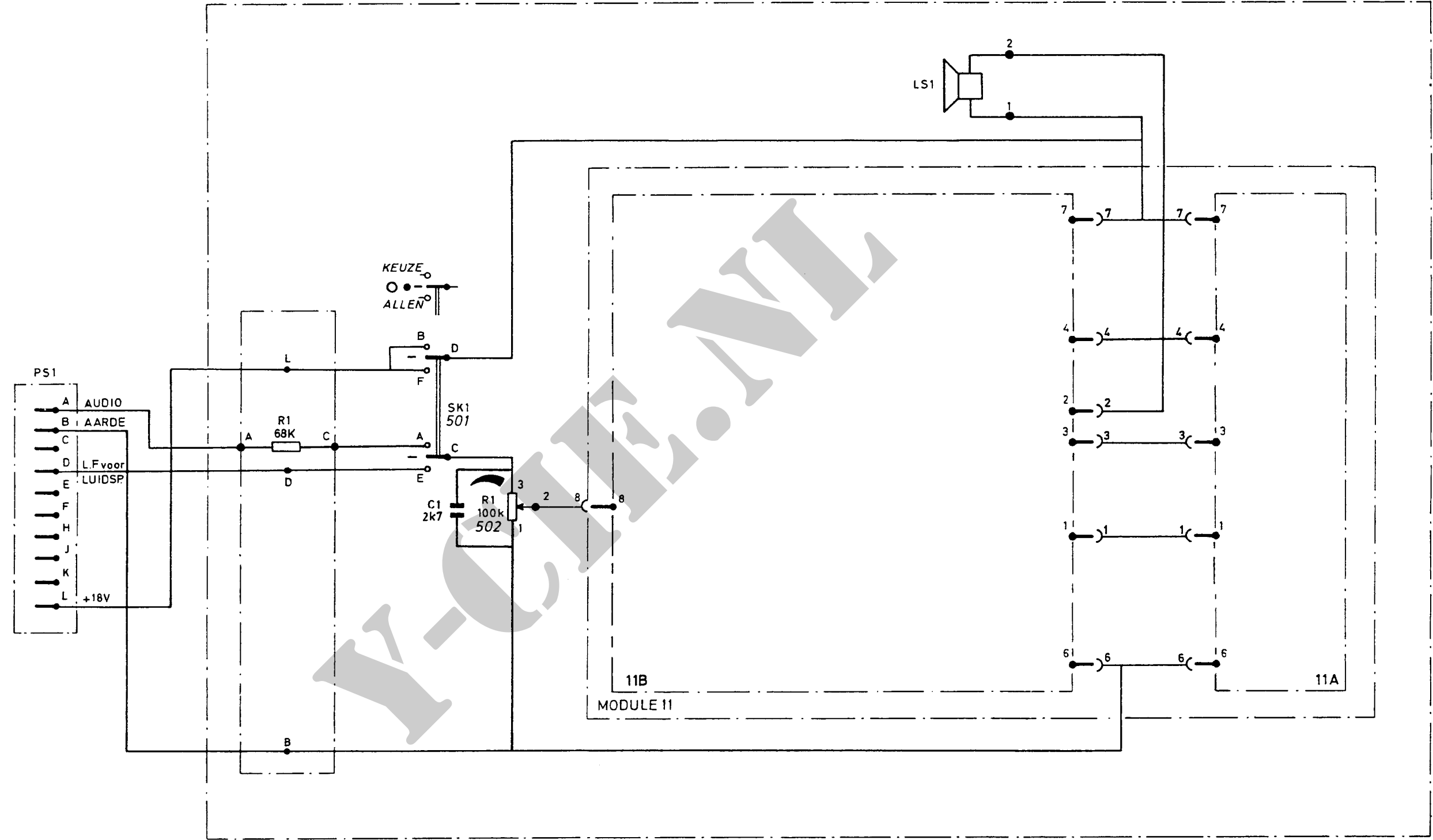
ONDERDELENZIJDE 40C

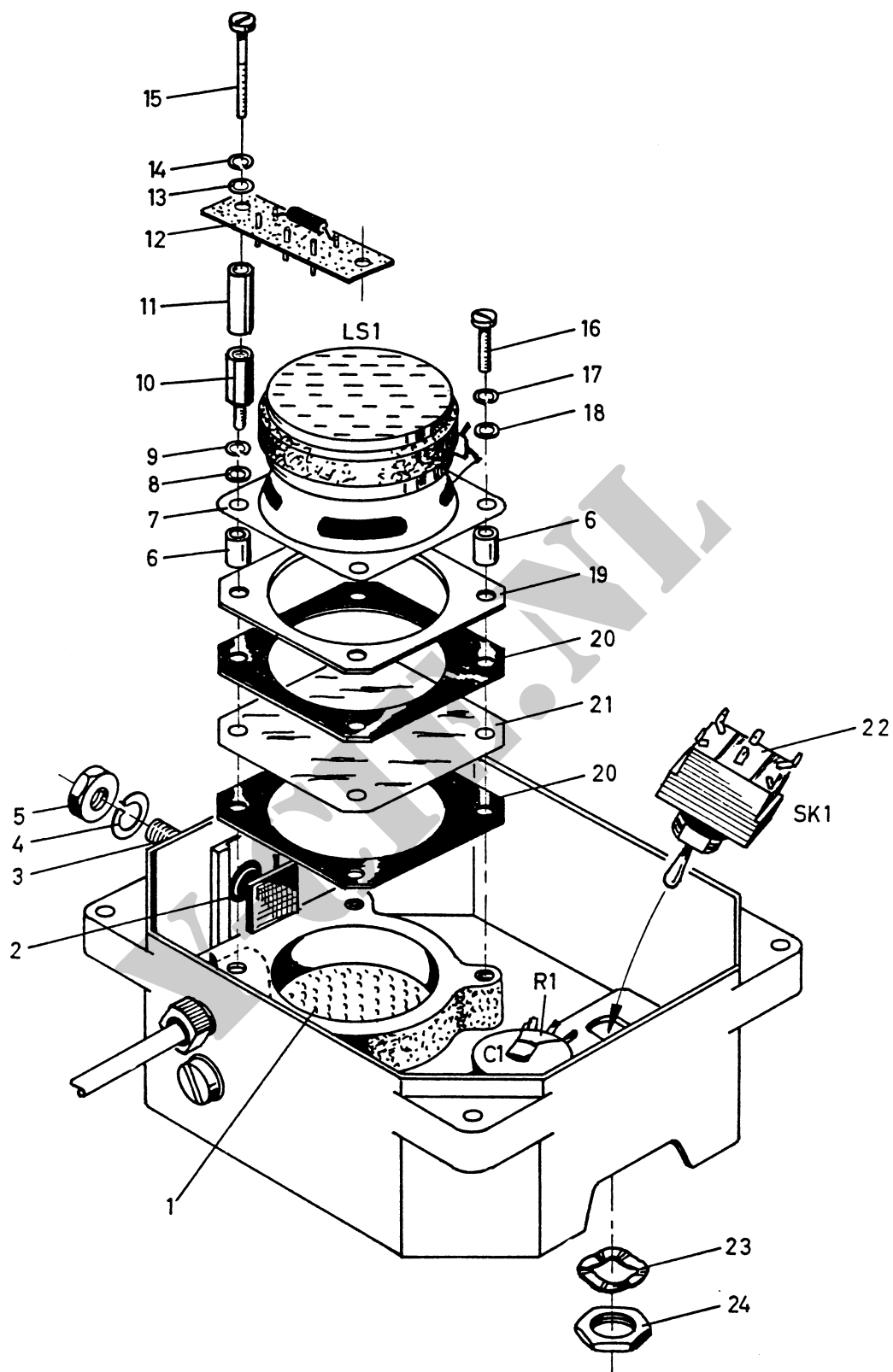


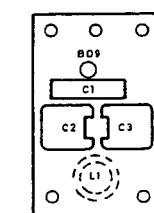
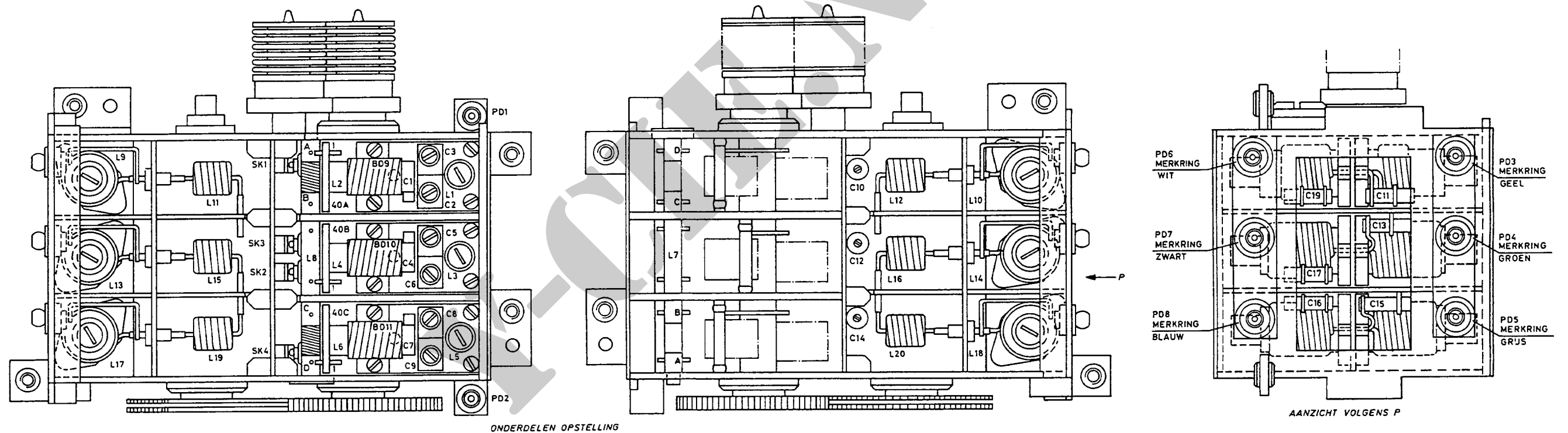
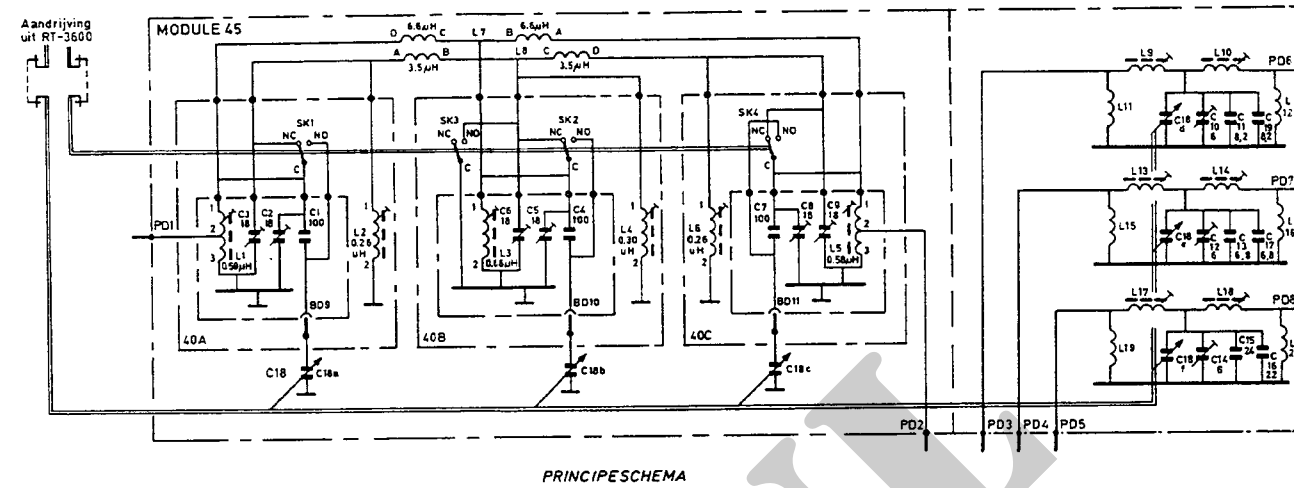
SPORENZIJDE



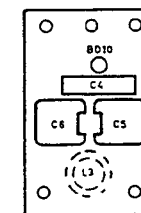
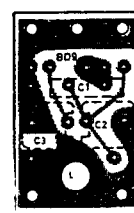




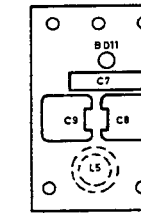
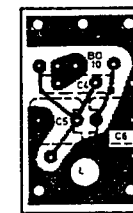




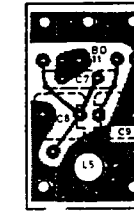
ONDERDELENZUDE 40A SPOREZUDE

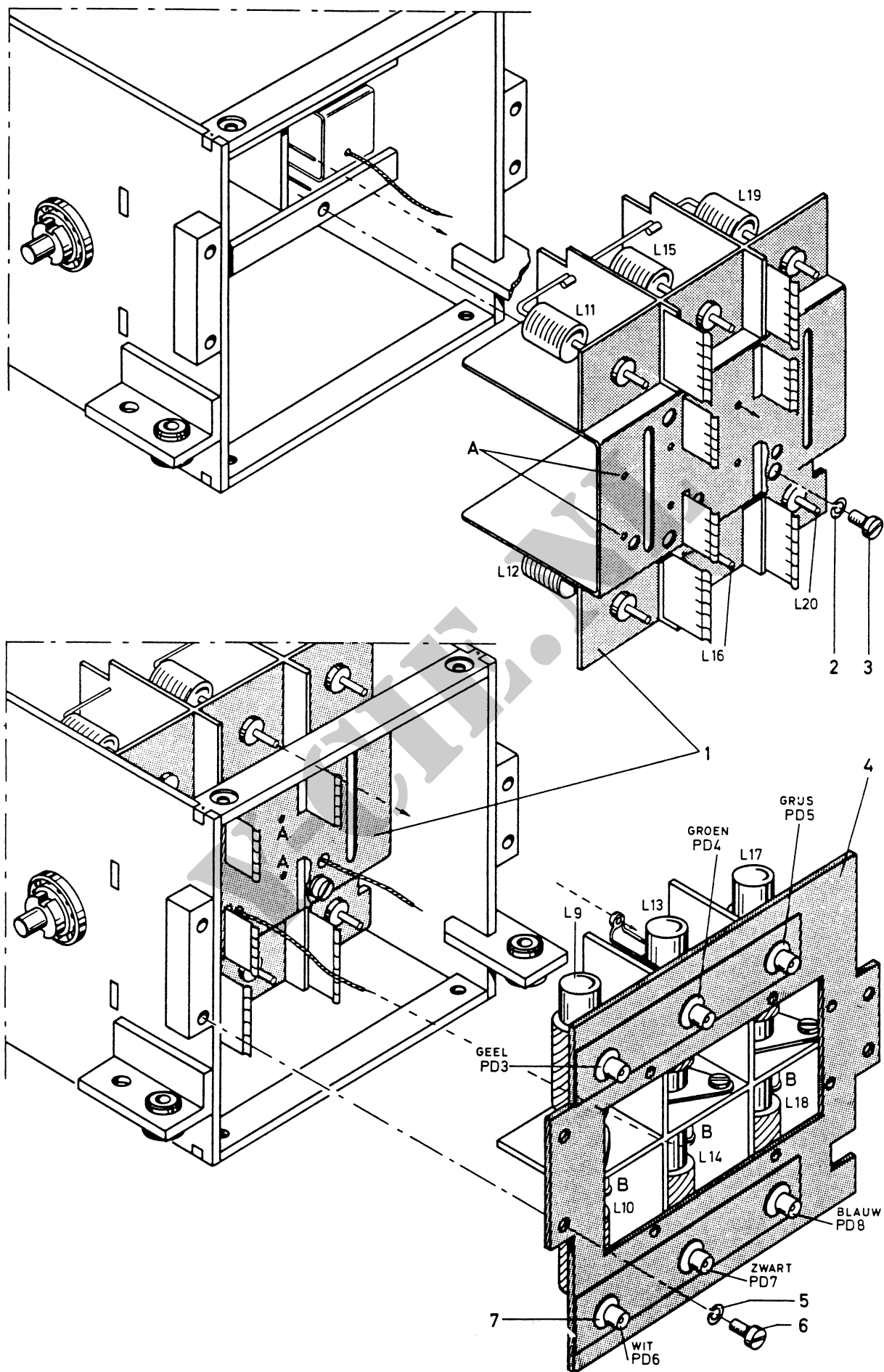


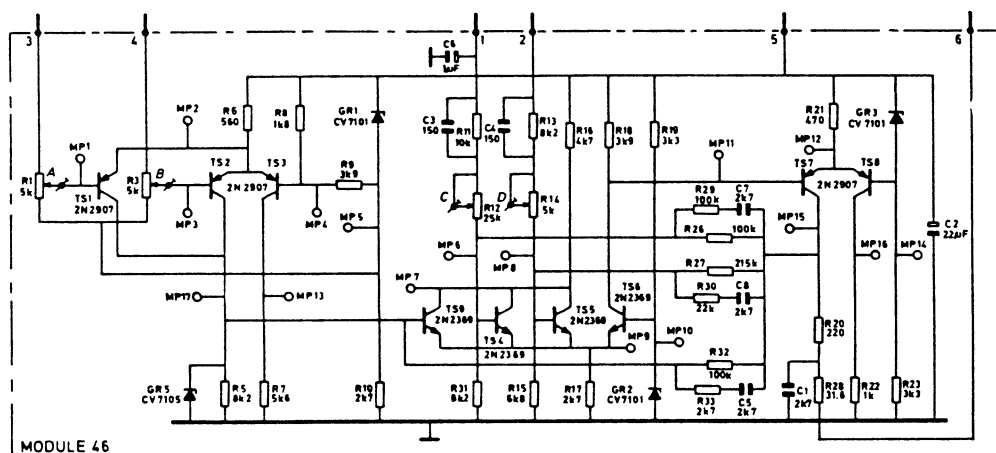
ONDERDELENZUDE 40B SPOREZUDE



ONDERDELENZUDE 40C SPOREZUDE

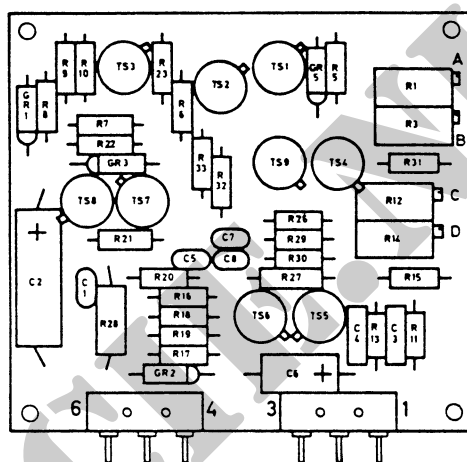




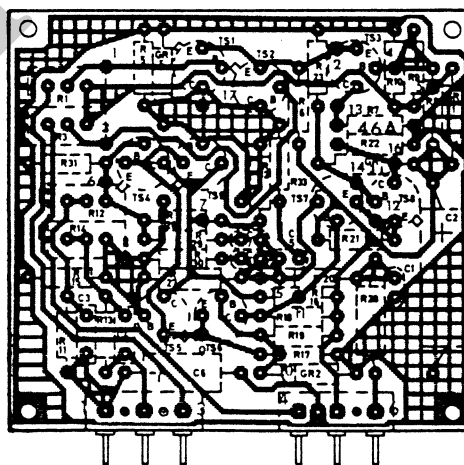


MODULE 46

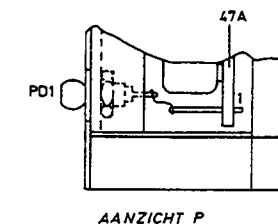
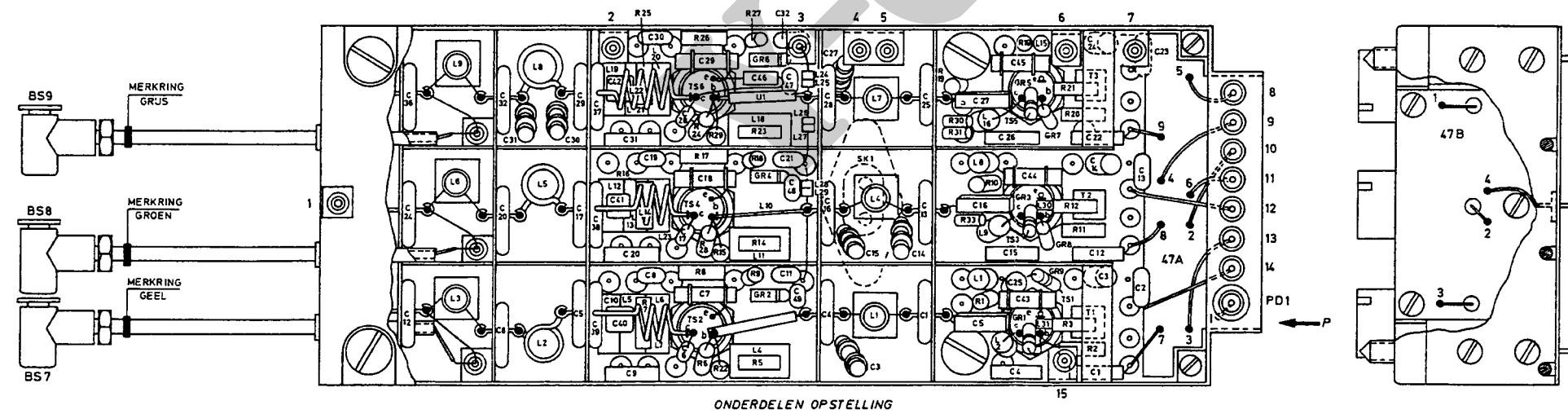
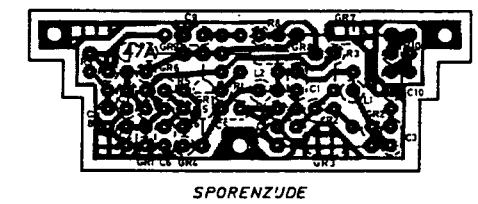
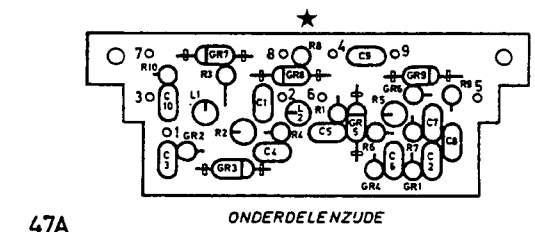
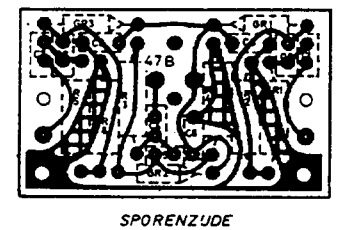
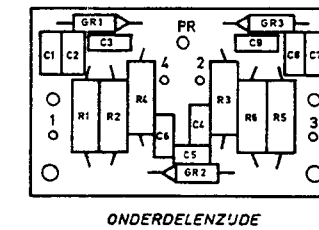
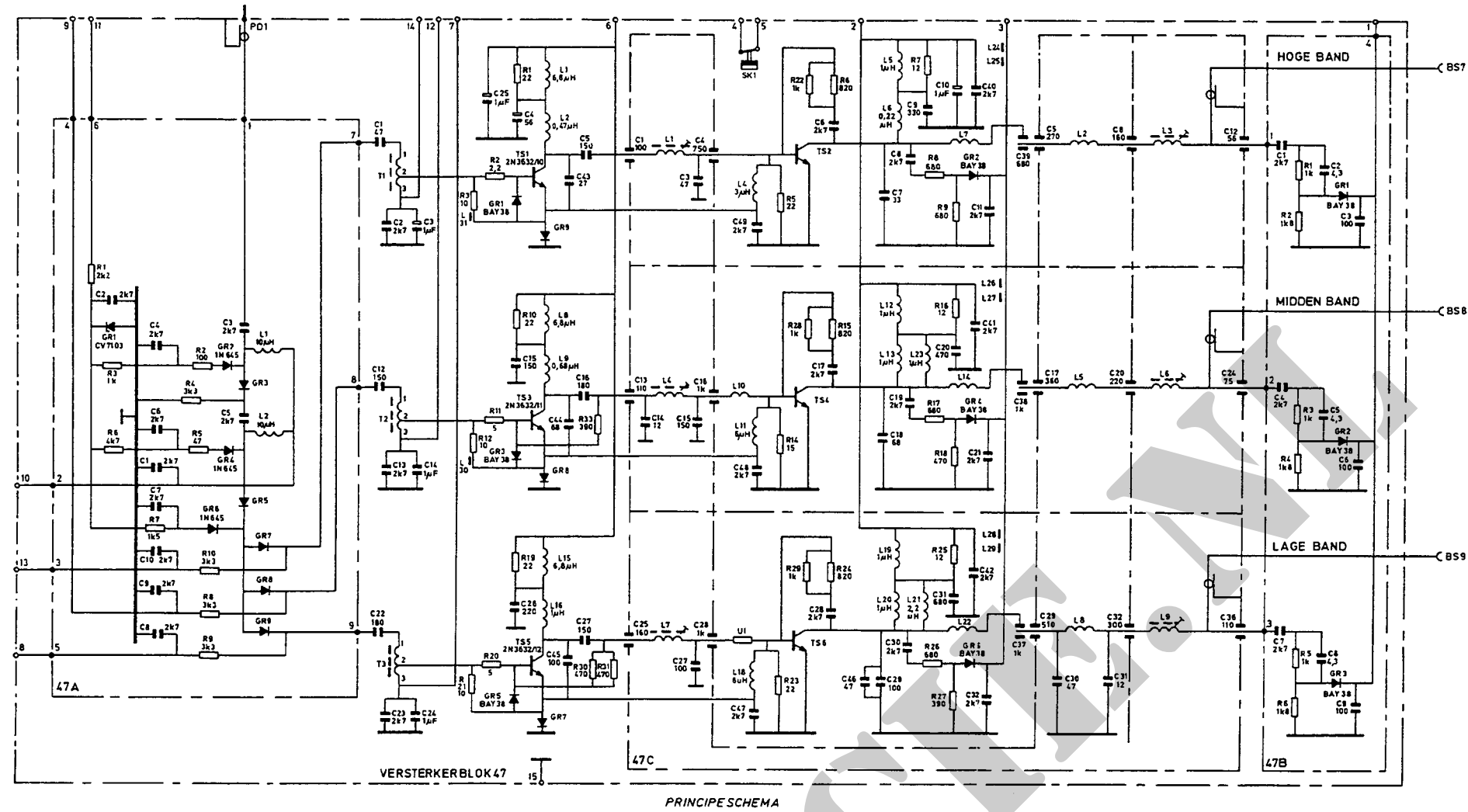
PRINCIPESCHMA



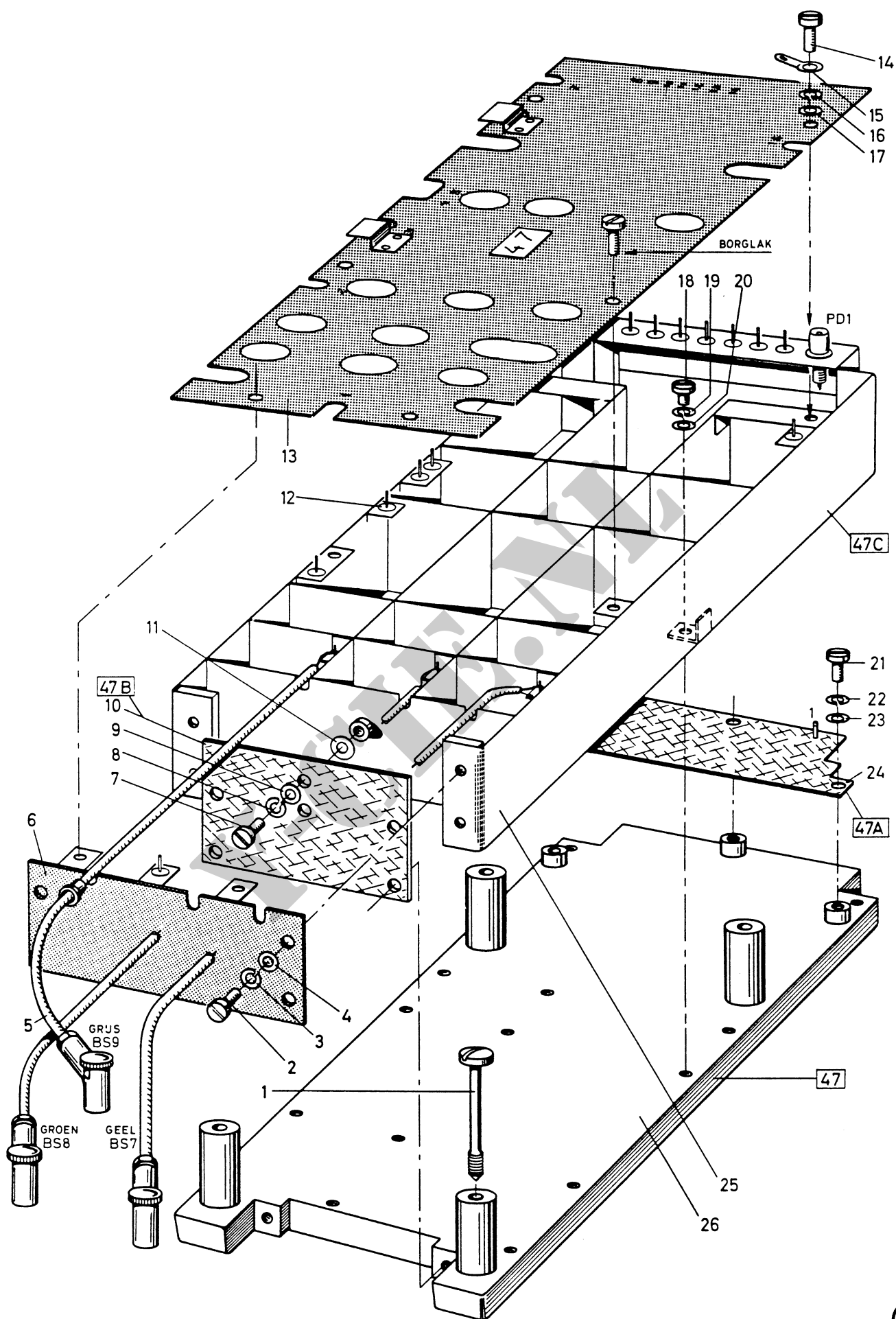
ONDERDELENZUDE



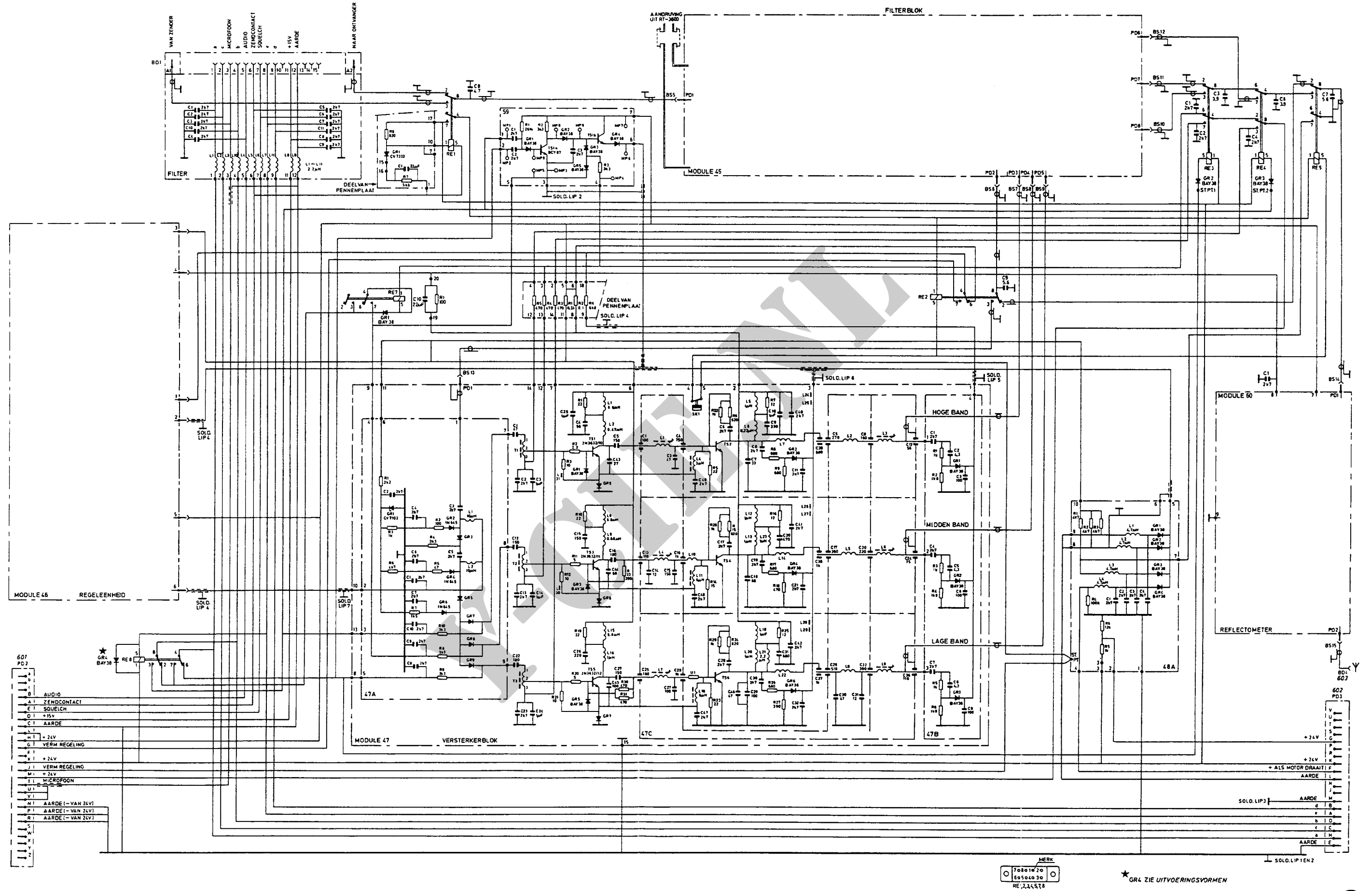
SPORENZUDE

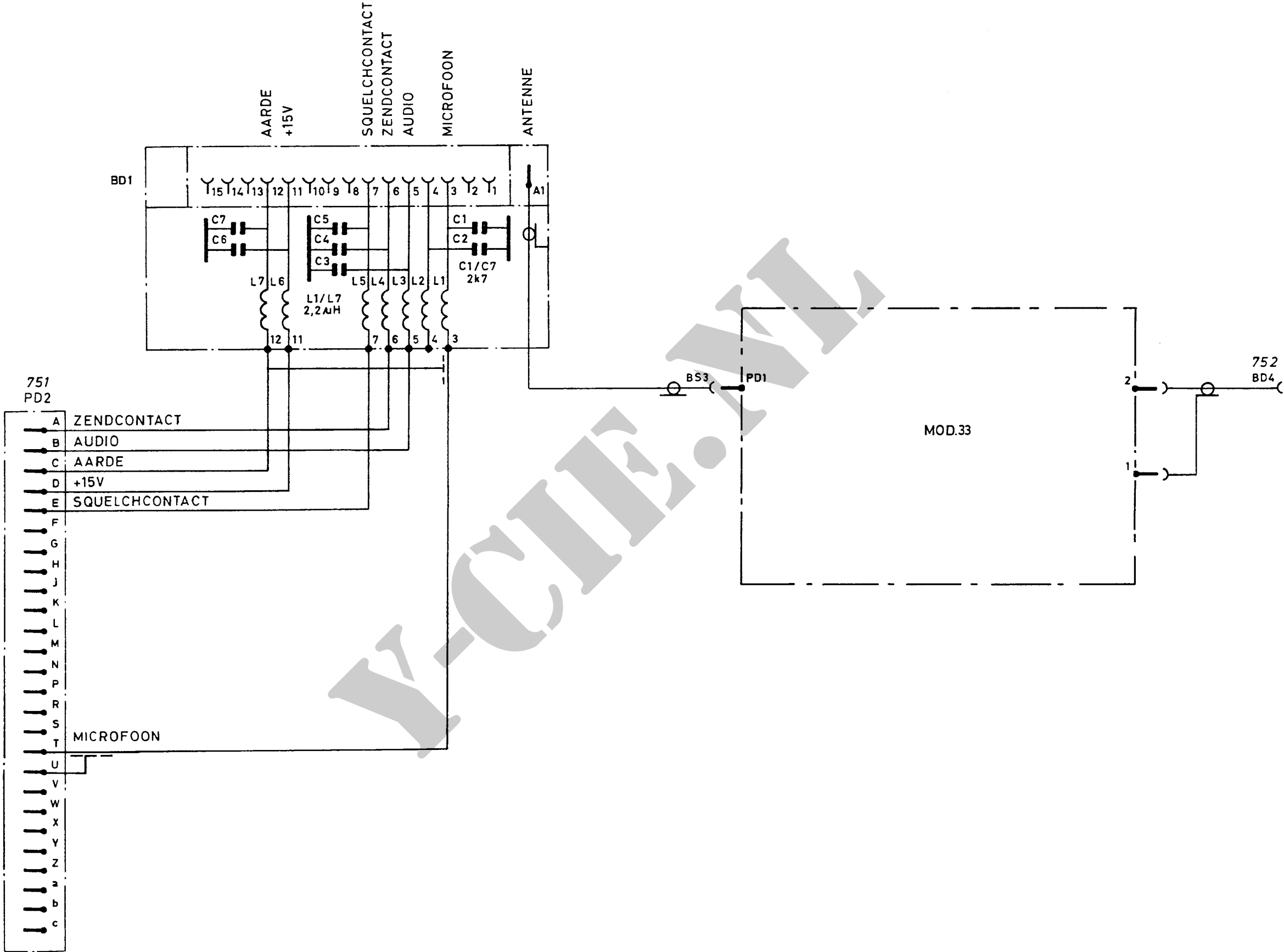


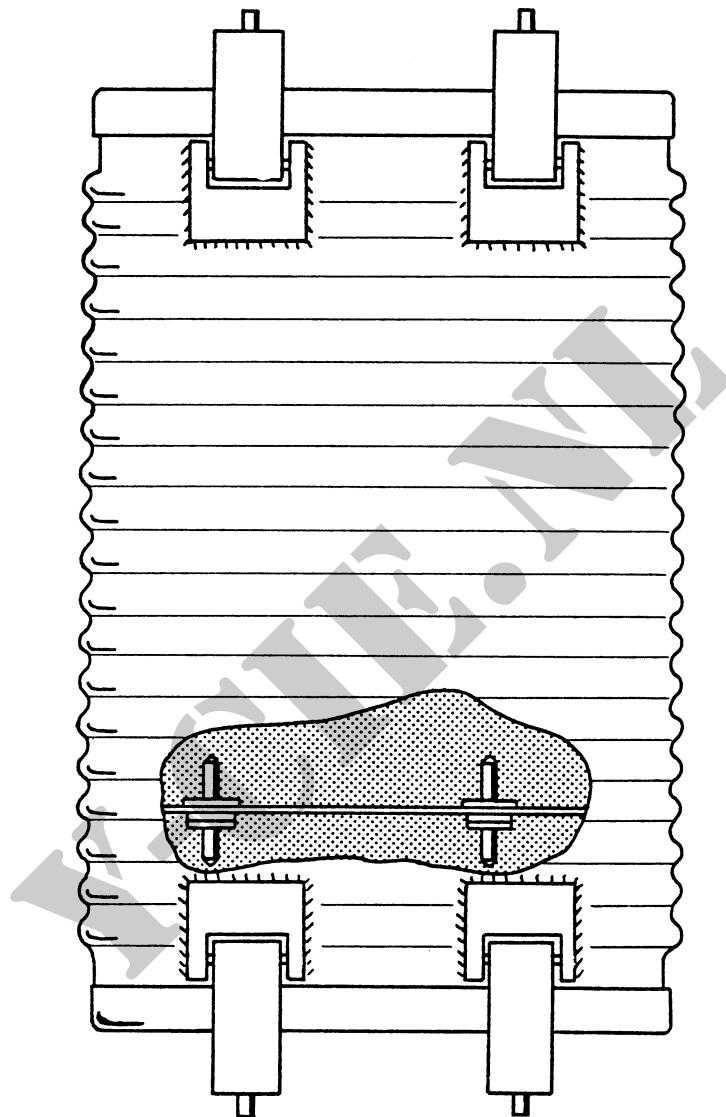
★ 47A - GR3, 5, 7, 8, 9 ZIE UITVOERINGSVORMEN

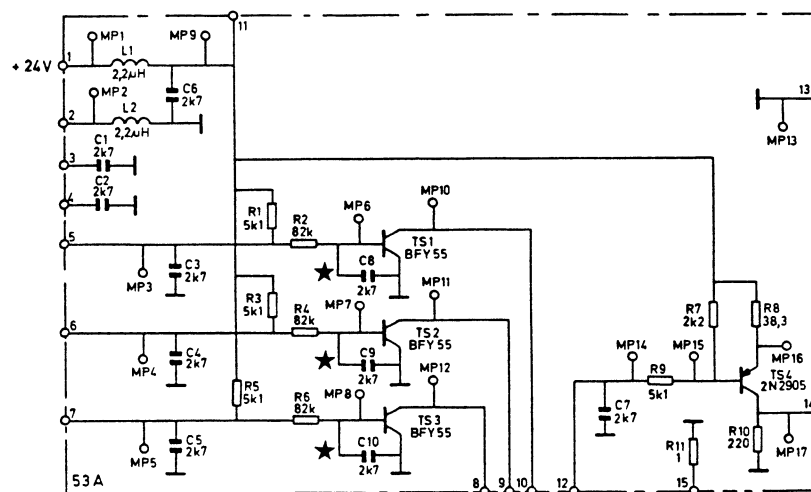


TEKENING 81

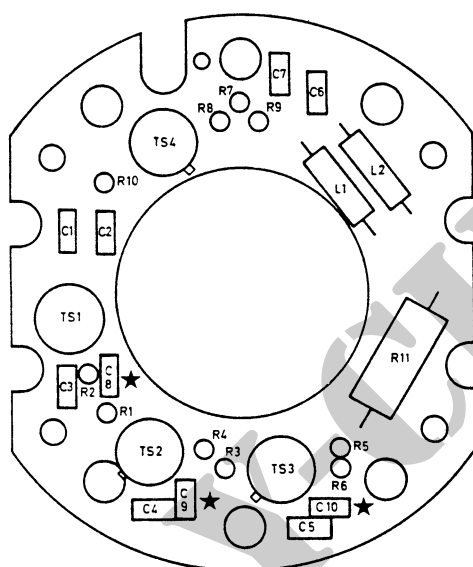




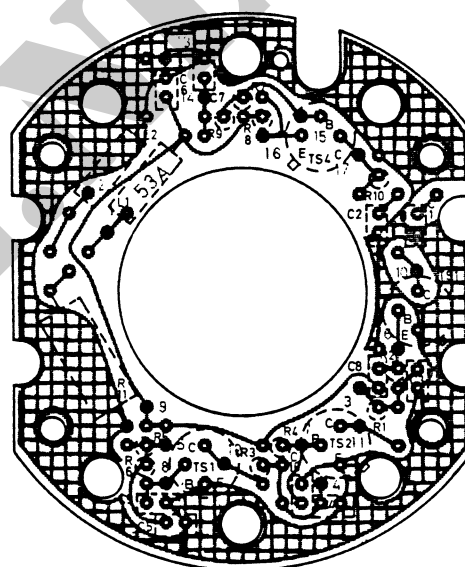




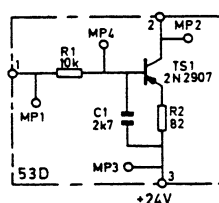
PRINCIPESCHEMA



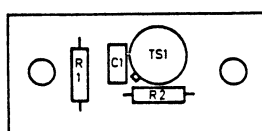
ONDERDELENZUDE 53 A



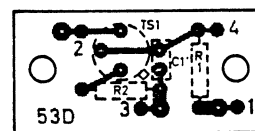
SPORENZUDE 53A



PRINCIPESCHEMA

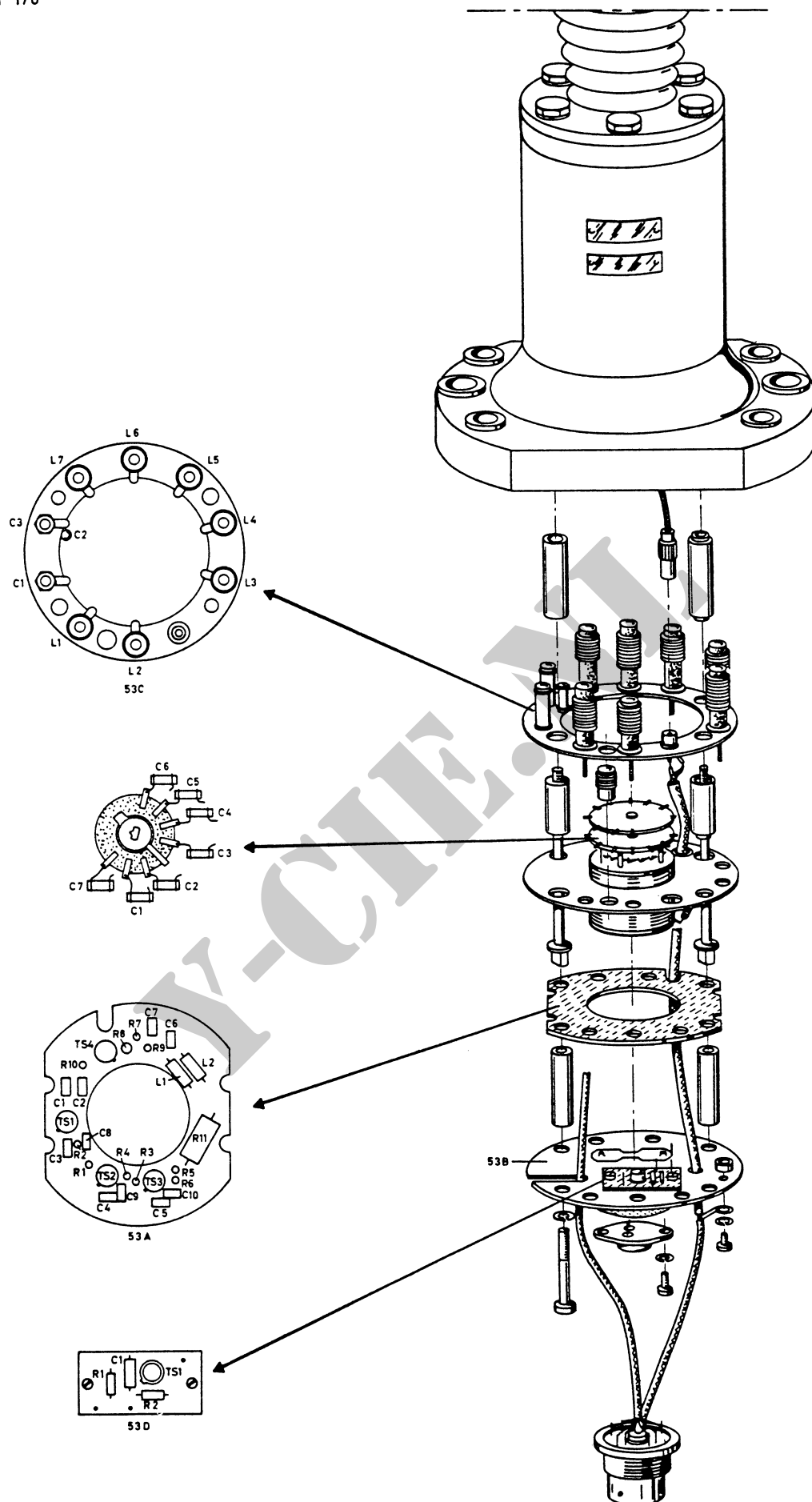


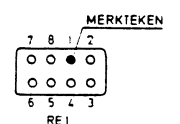
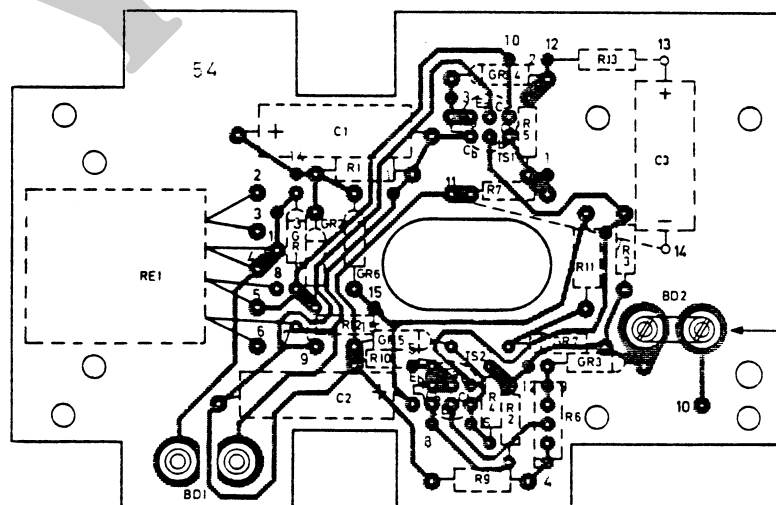
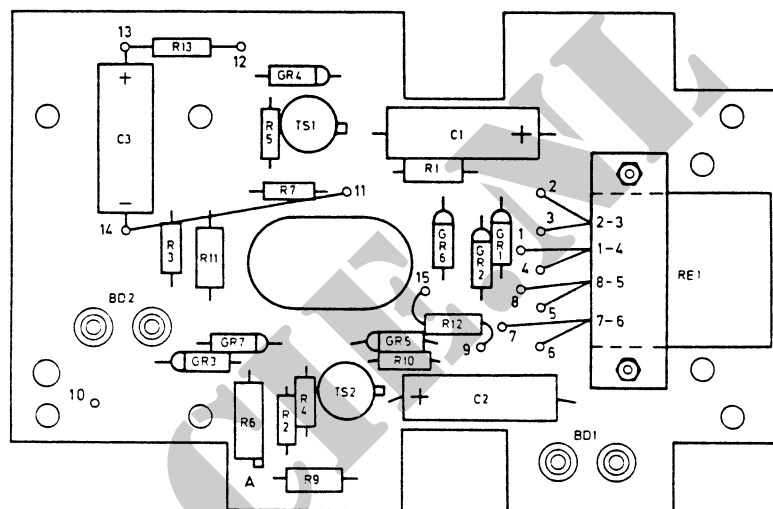
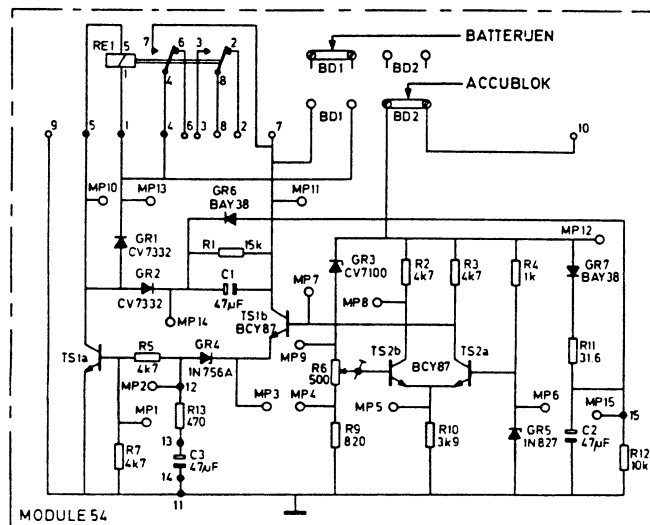
ONDERDELENZUDE 53 D

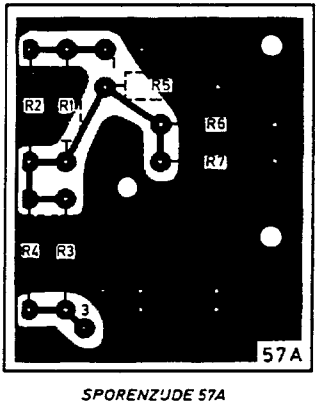
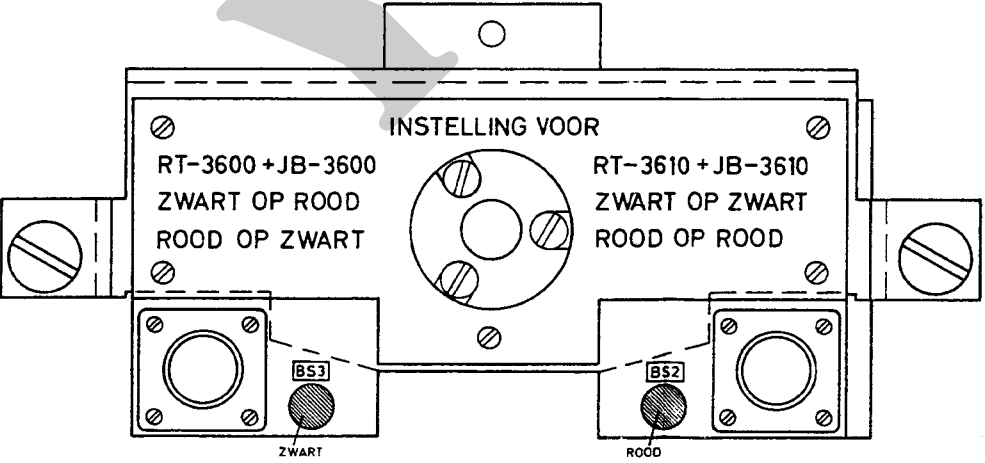
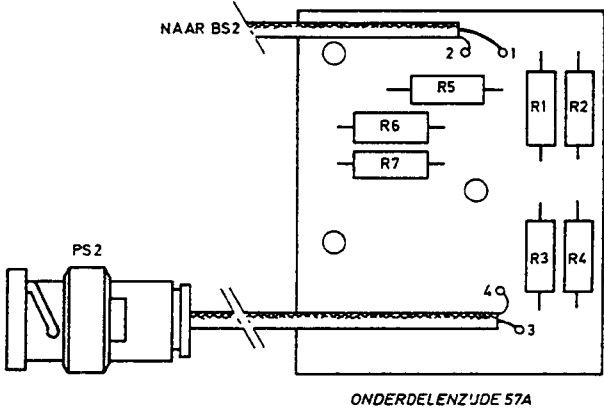
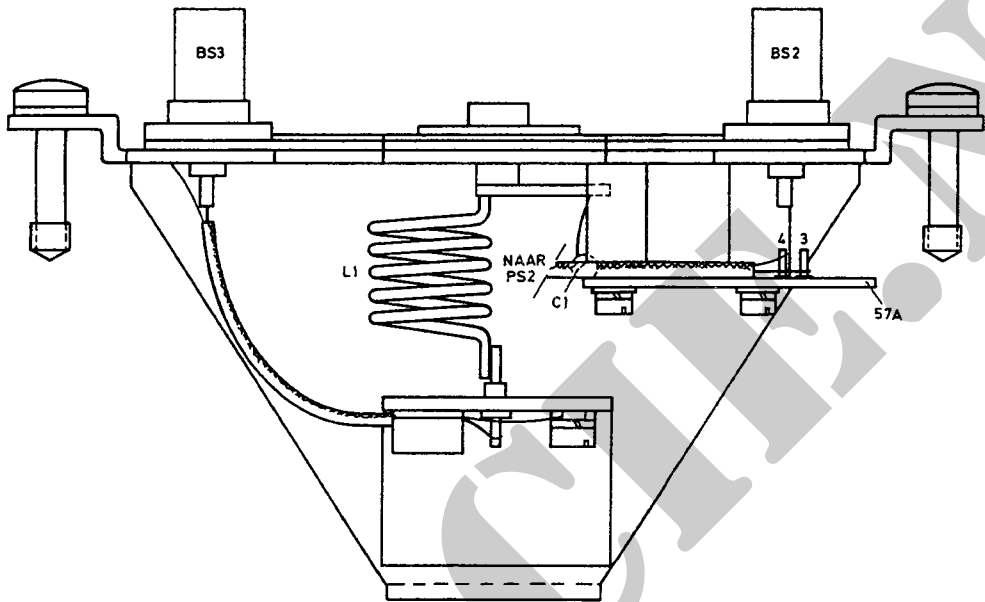
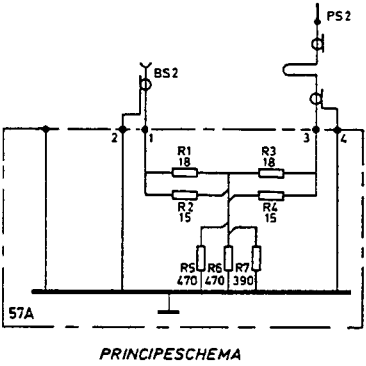
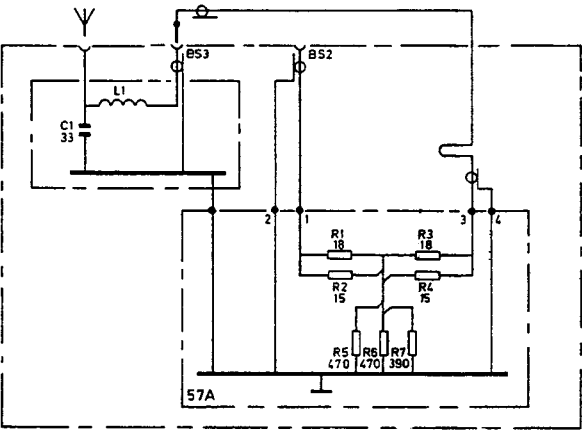


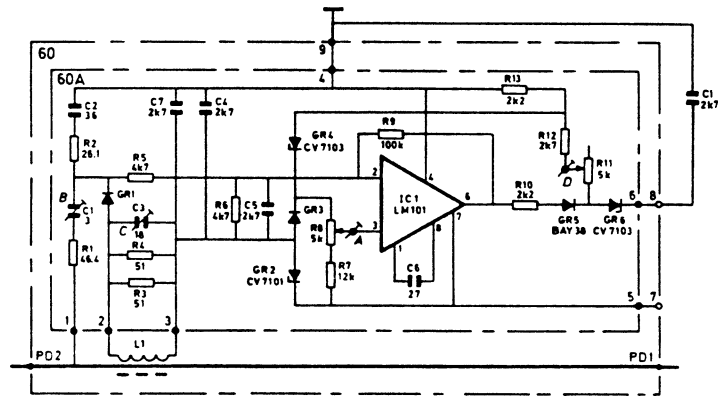
SPORENZUDE 53D

★ C8,C9,C10 ZIJN GR1,GR2,GR3 (BAY 38) INUITVOERING "1", ZIE *UITVOERINGSVORMEN*

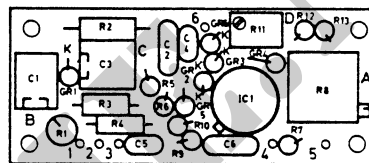




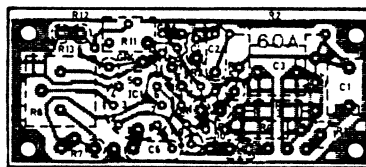




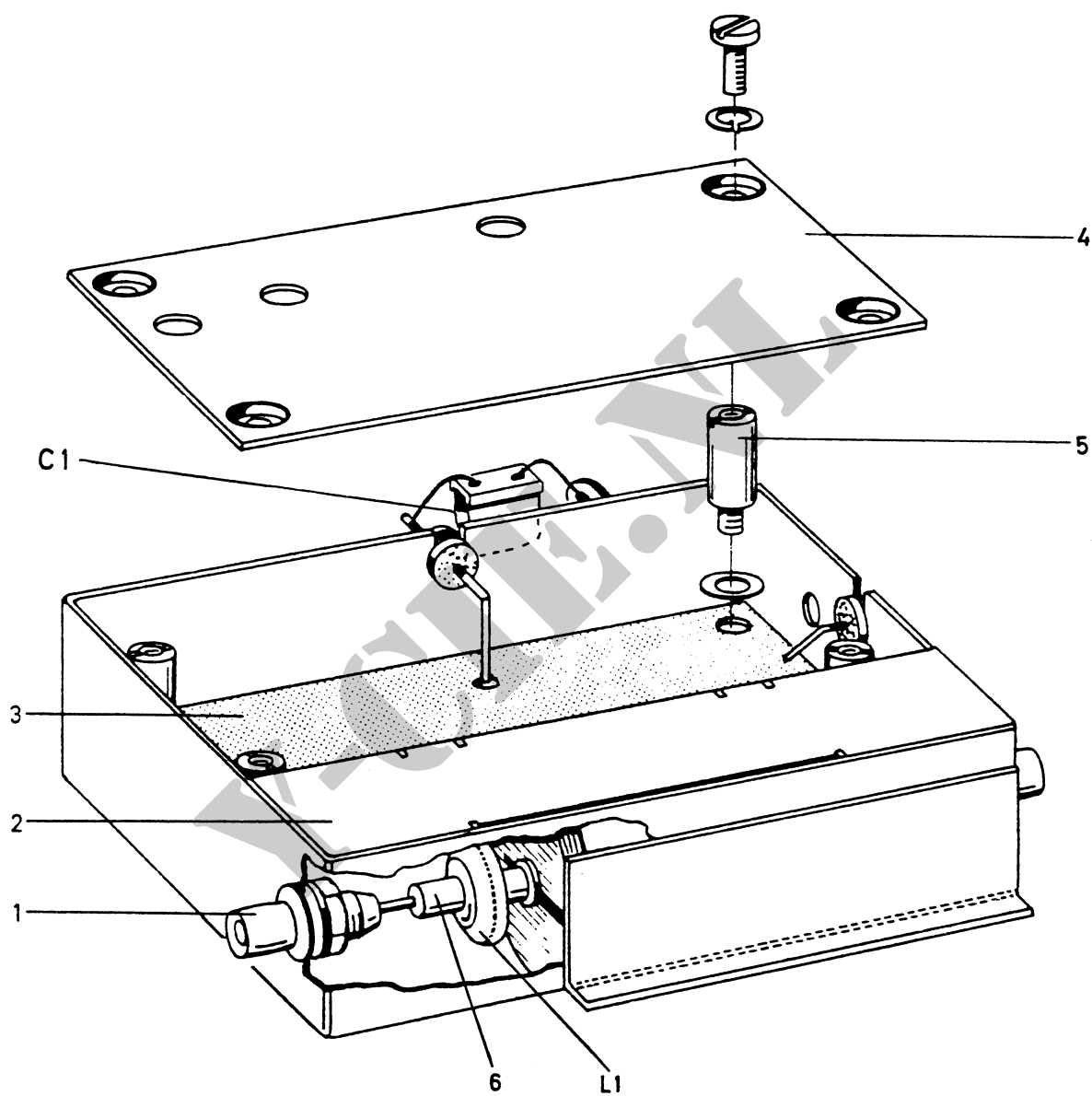
PRINCIPESHEMA

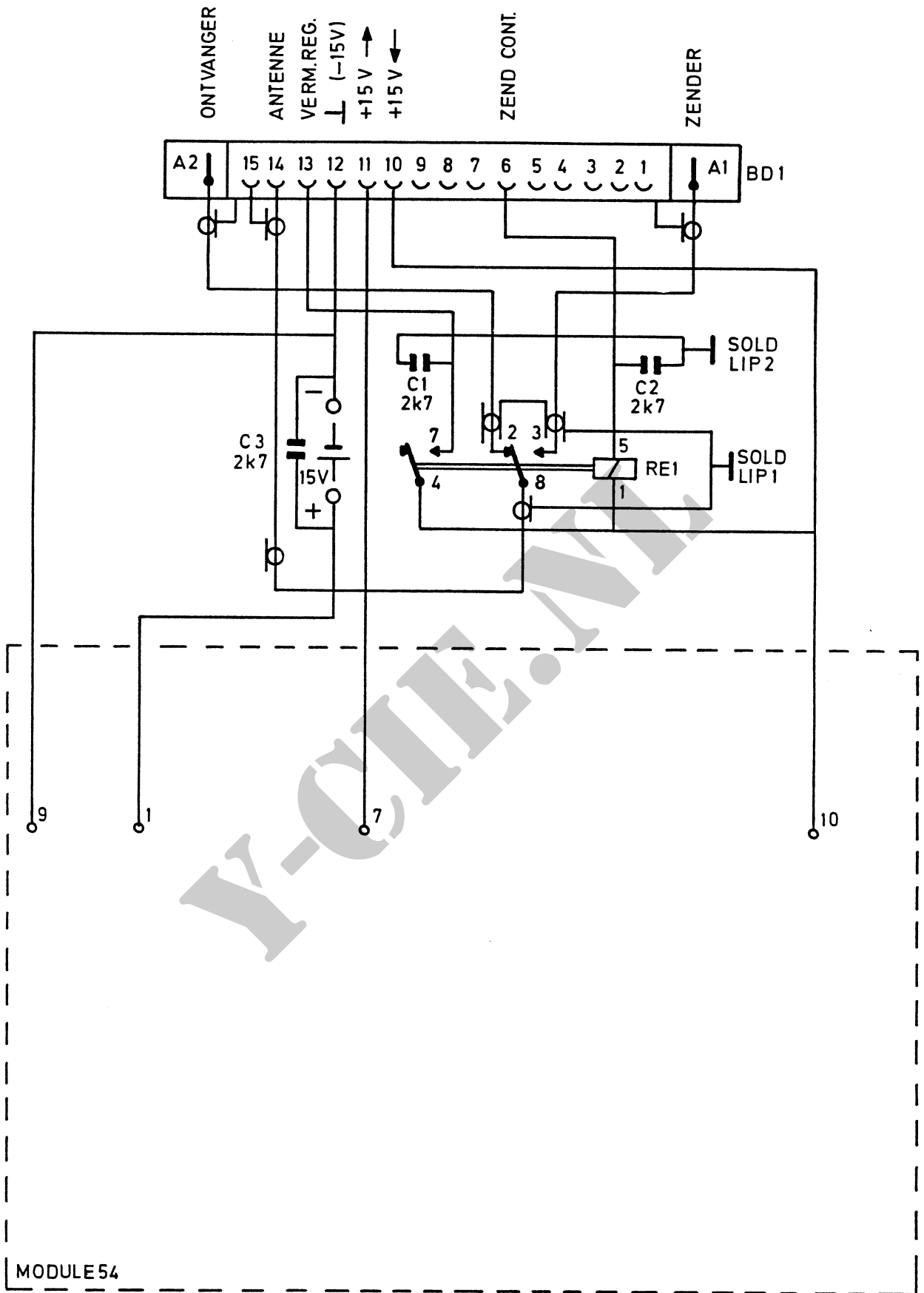


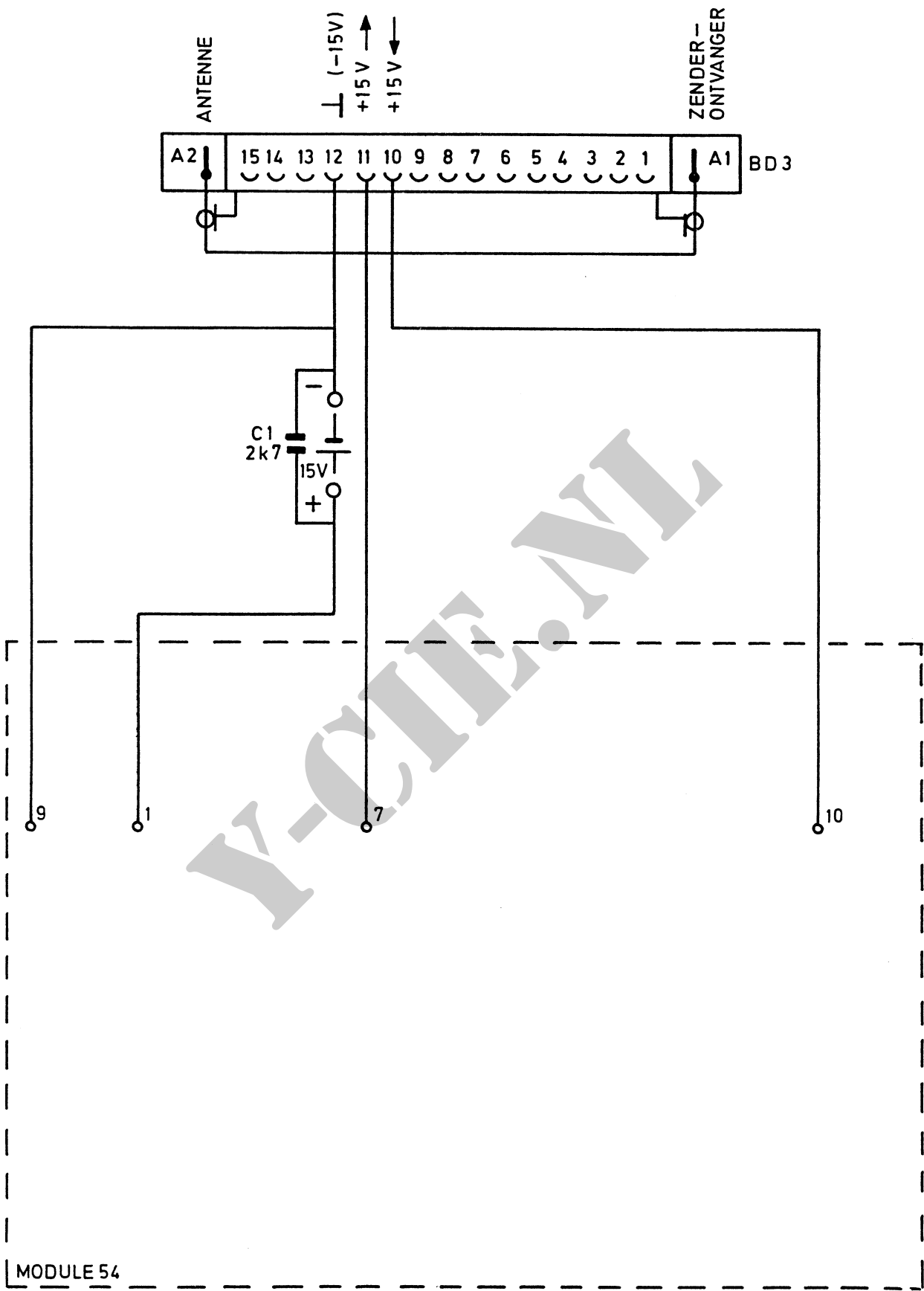
ONDERDELENZUDE

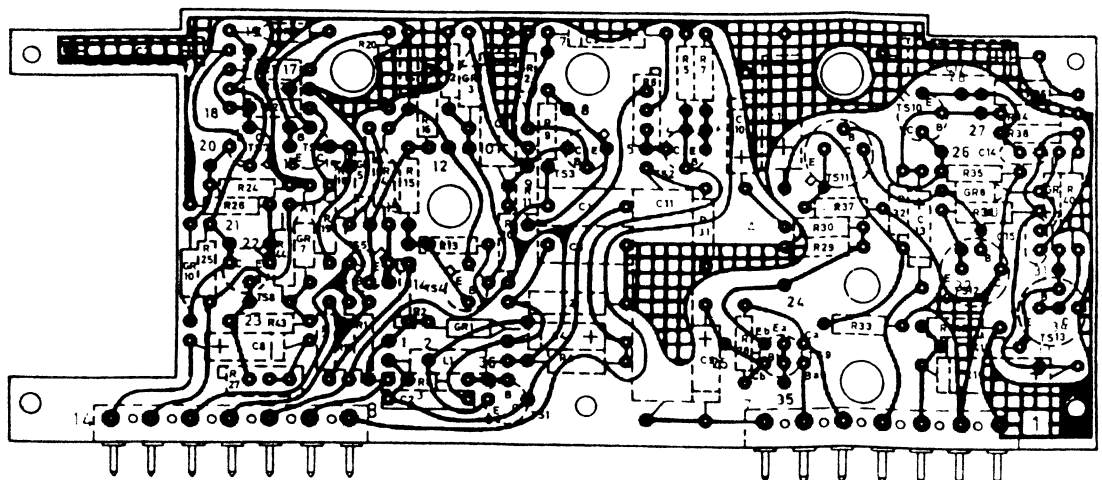
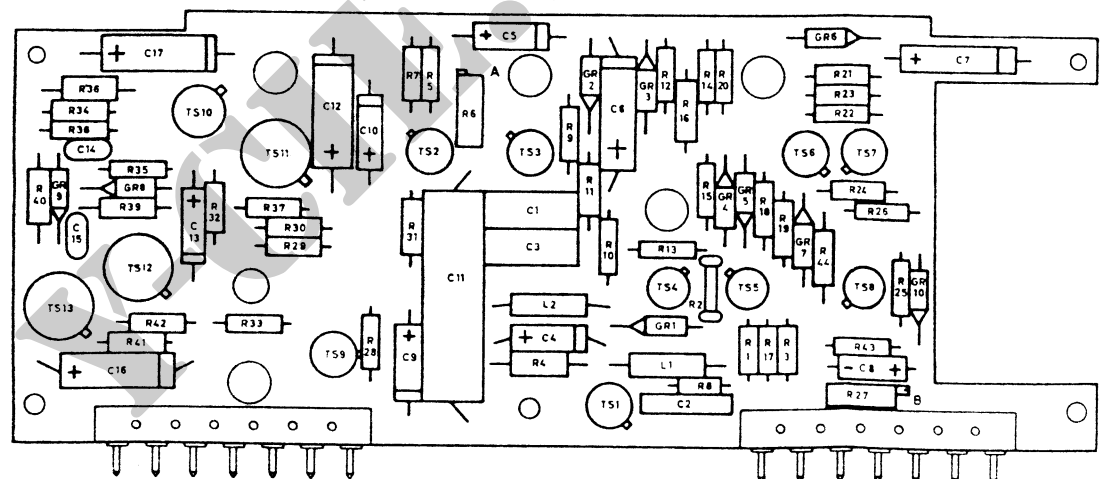
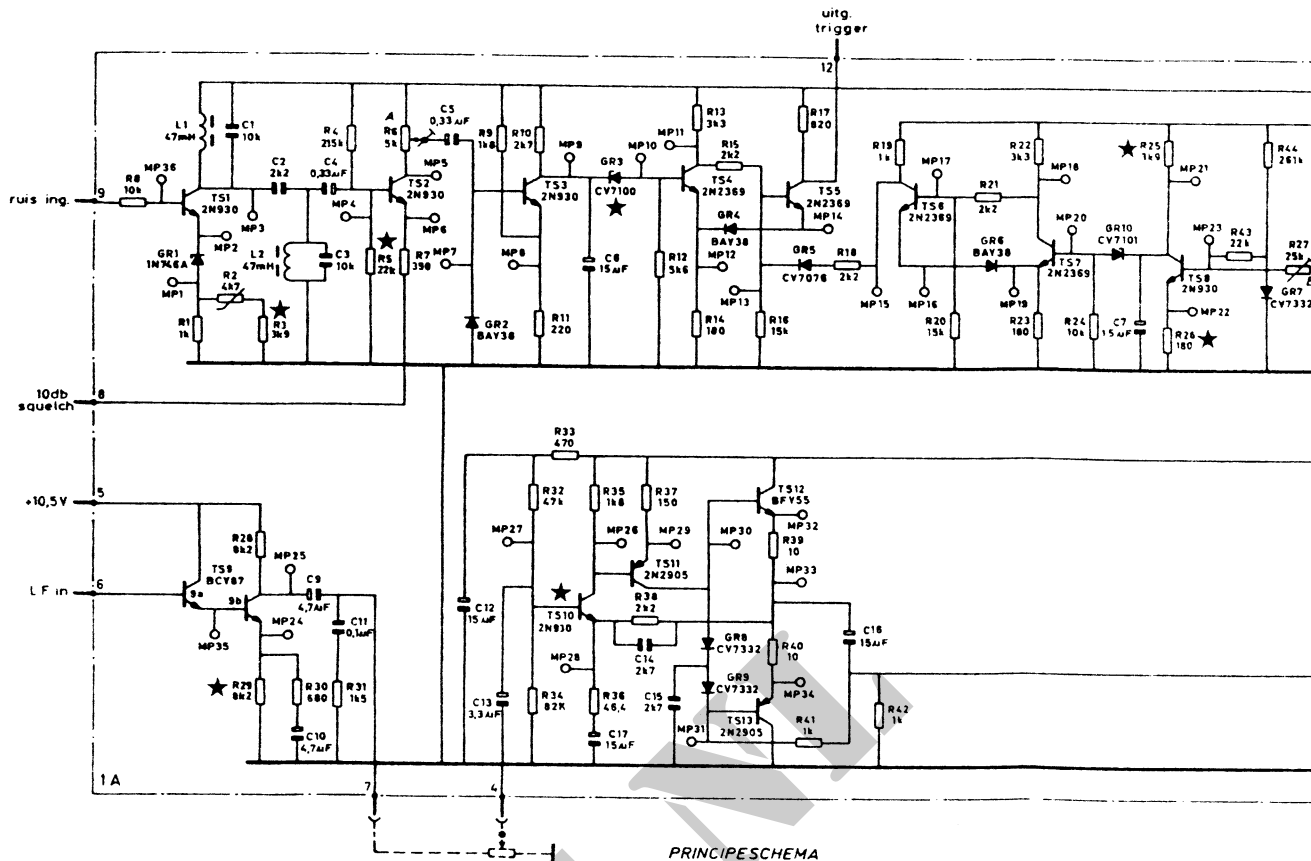


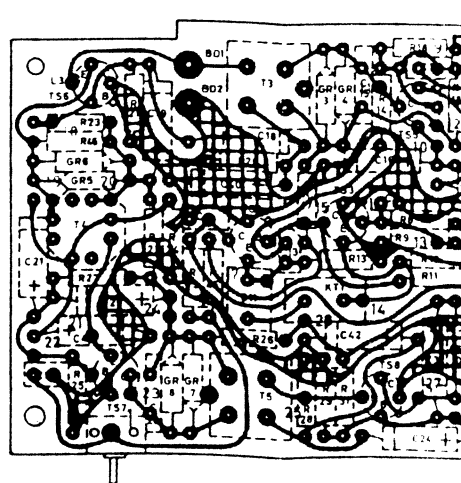
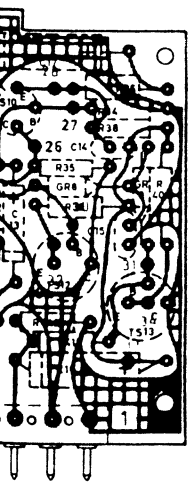
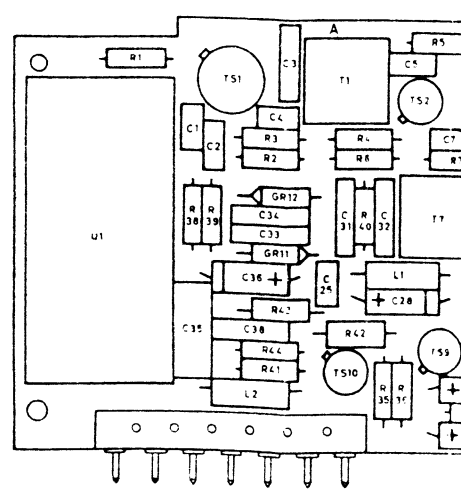
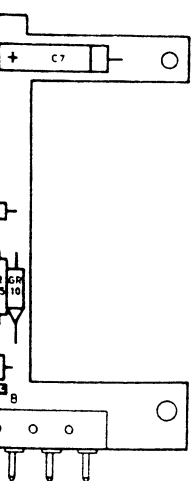
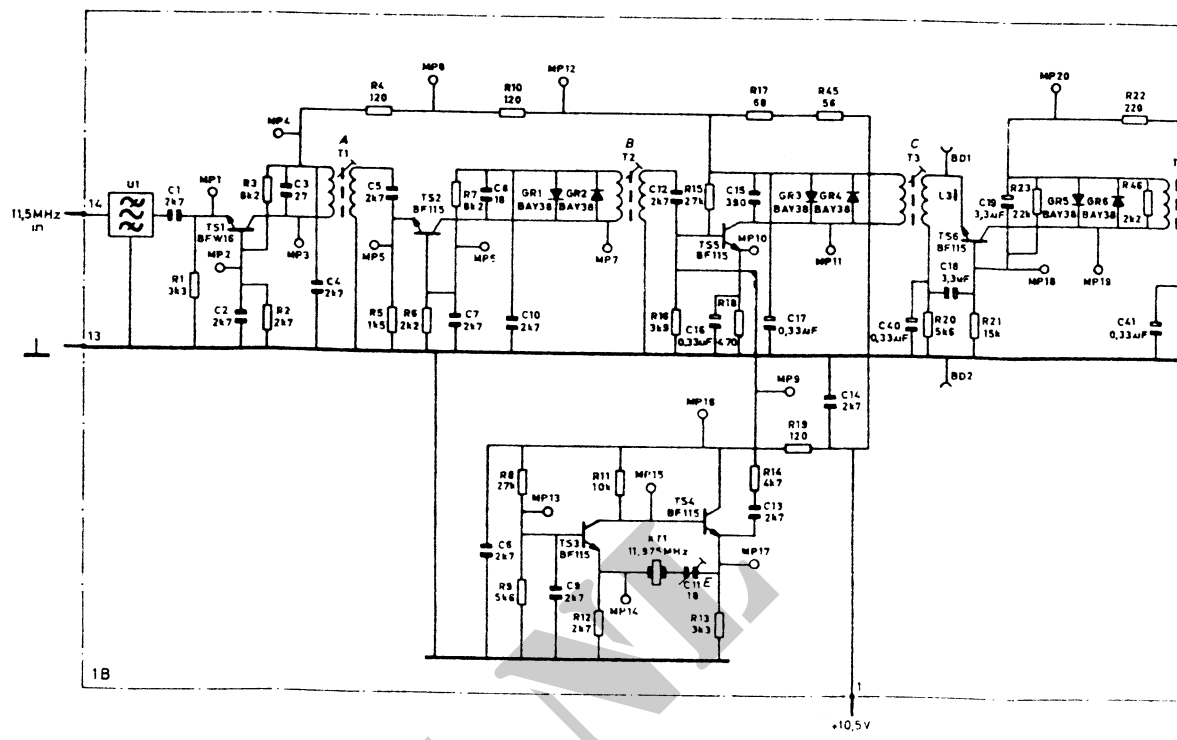
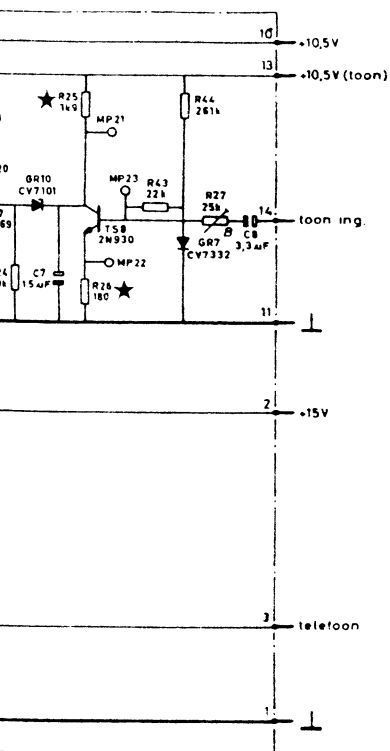
SPORENZUDE



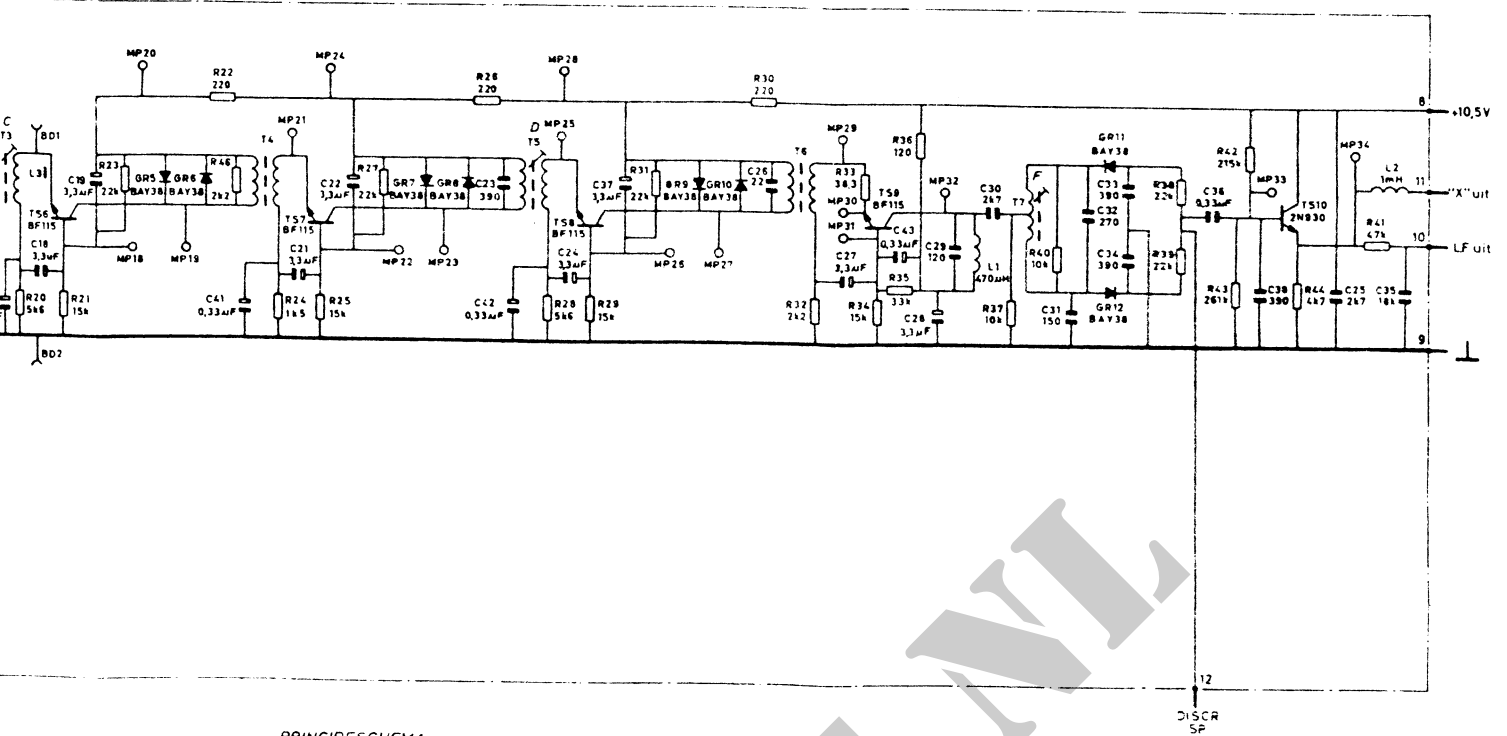




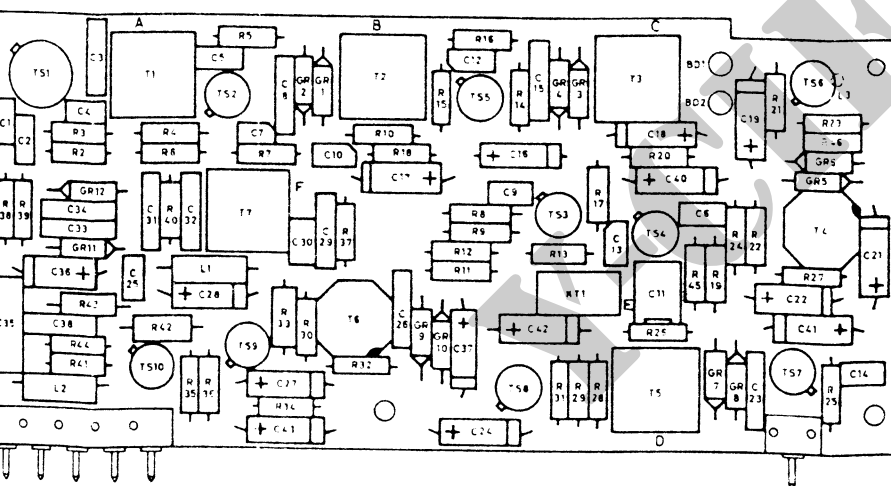




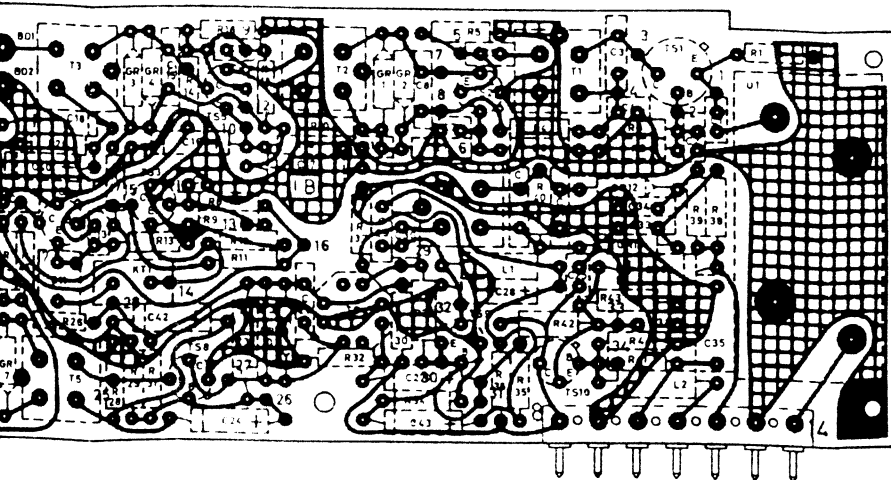
★ R29 = 10k OP PRENTPLATEN 1A UITVOERING "3"; ZIE UITVOERINGSVORMEN
 R5 = 27k OP PRENTPLATEN 1A UITVOERING "3"; EN "4"; ZIE UITVOERINGSVORMEN
 TS10 = BFY 55 OP PRENTPLATEN 1A UITVOERING "3"; "4"; EN "5"; ZIE UITVOERINGSVORMEN
 R25 = 6k8 } OP PRENTPLATEN 1A UITVOERING "3"; "4"; "5"; EN "6"; ZIE UITVOERINGSVORMEN
 R26 = 330 }
 GR3 = CV7101 OP PRENTPLATEN 1A UITVOERING "3"; "4"; "5"; "6"; EN "7"; ZIE UITVOERINGSVORMEN
 R3 = 470 OHM OP PRENTPLATEN 1A UITVOERING "3"; "4"; EN "8"; ZIE UITVOERINGSVORMEN



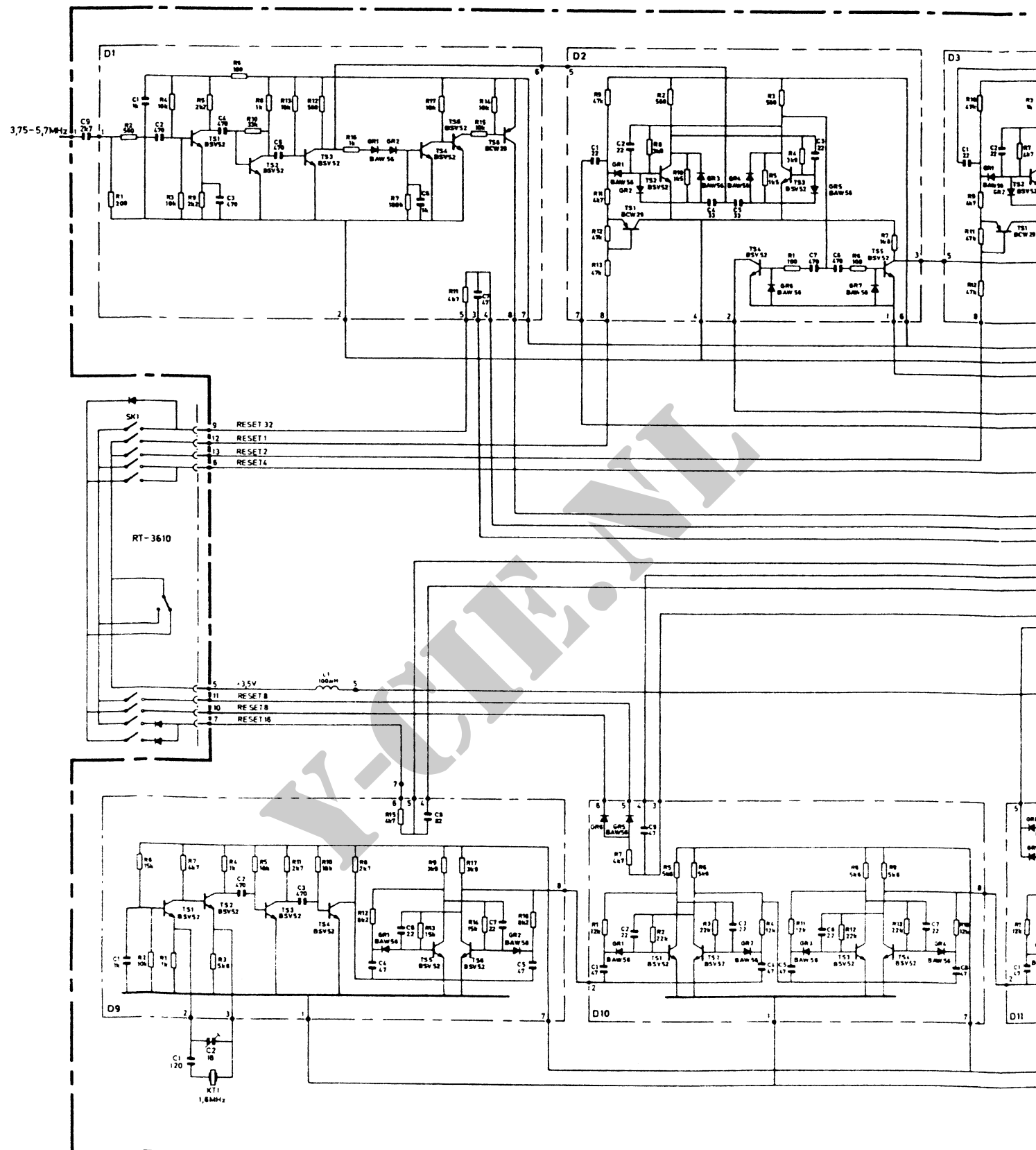
PRINCIPESCHEMA

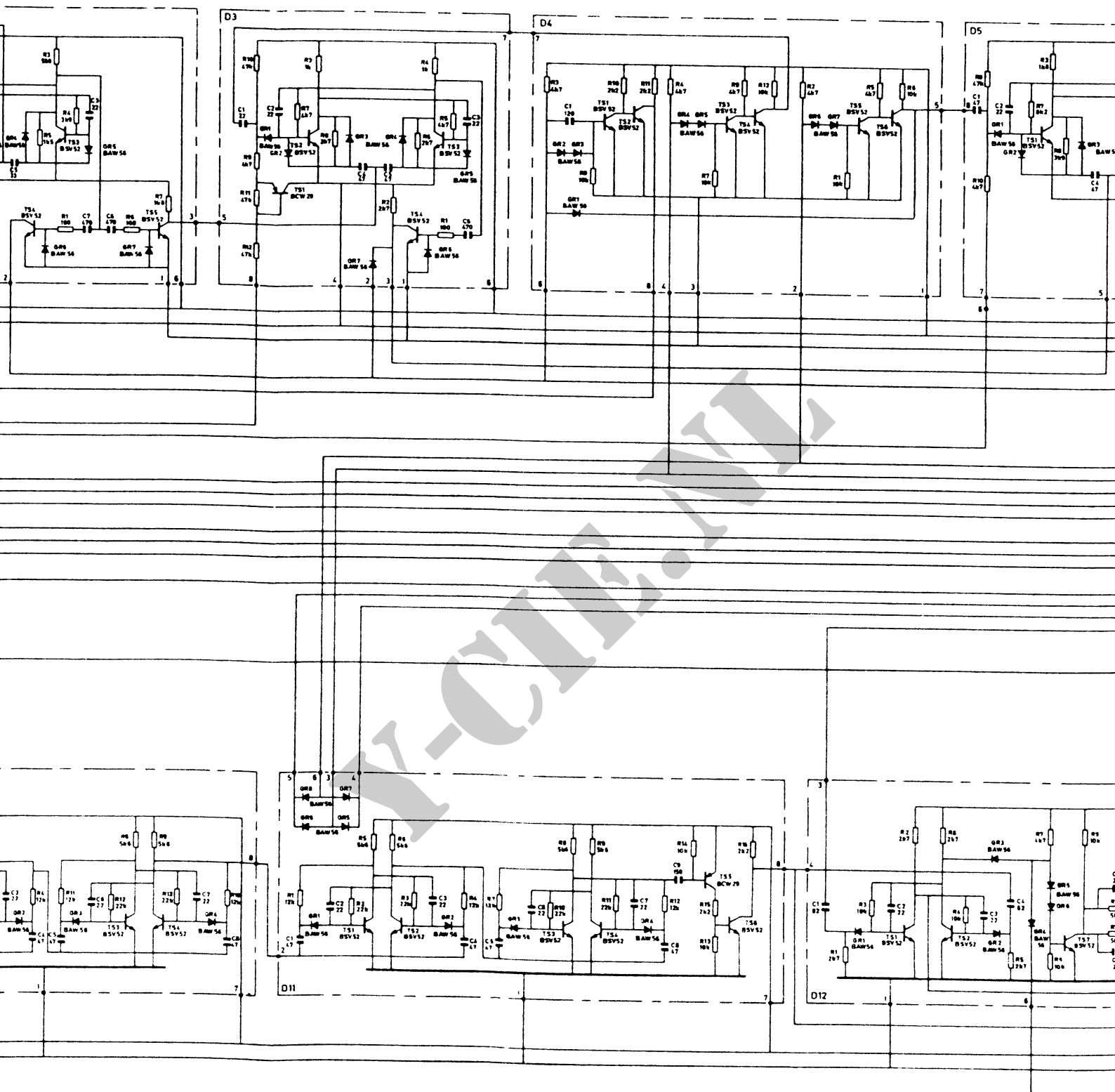


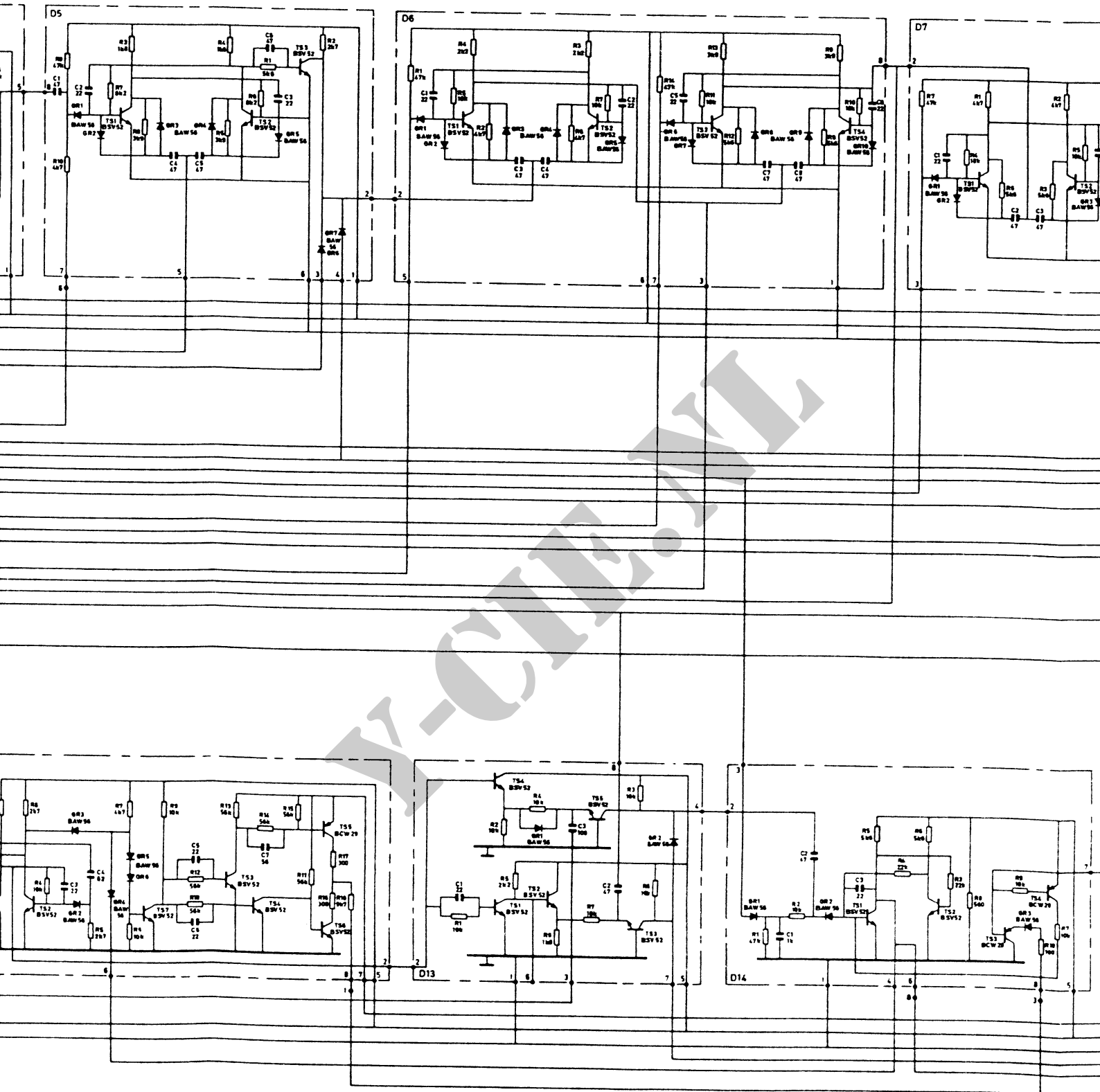
ONDERDELENZUDE 1B

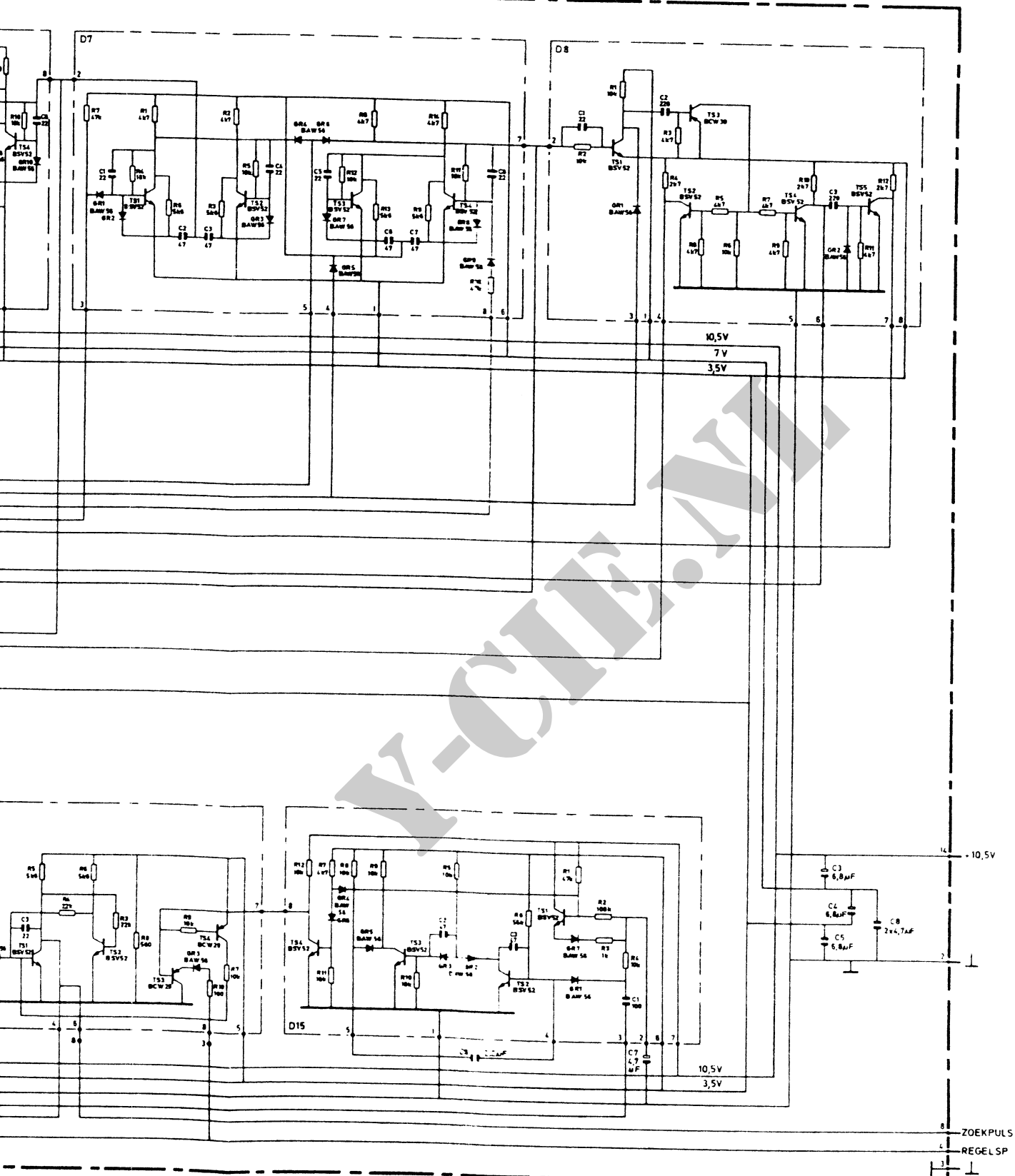


SPORENZUDE 1B









SCHEMA MODULE 27