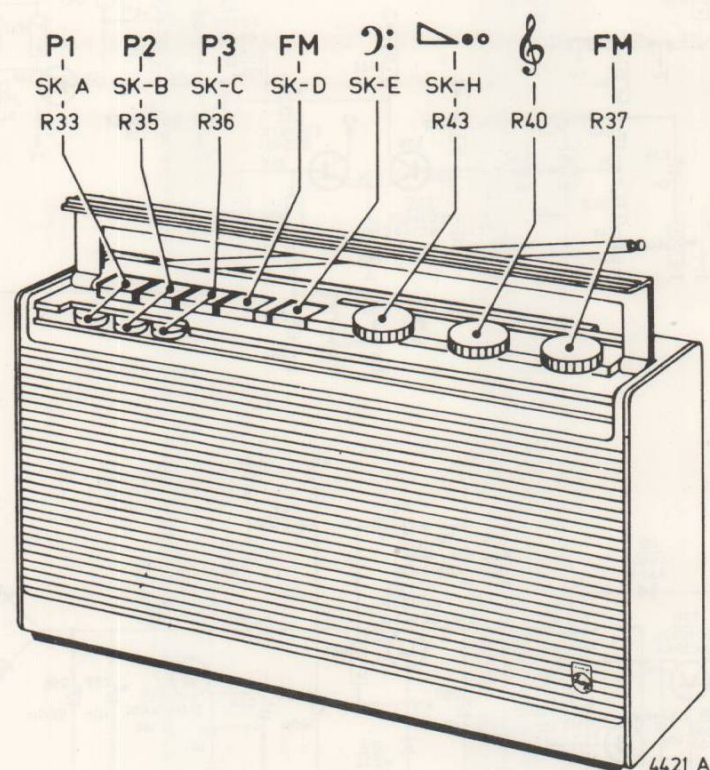


Service
Service
Service

Service Manual



Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used.

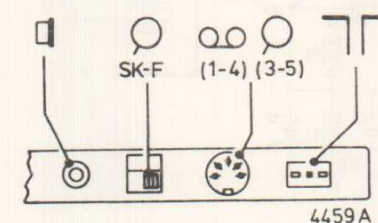
Index: CS39553-CS39558

Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de Serviço

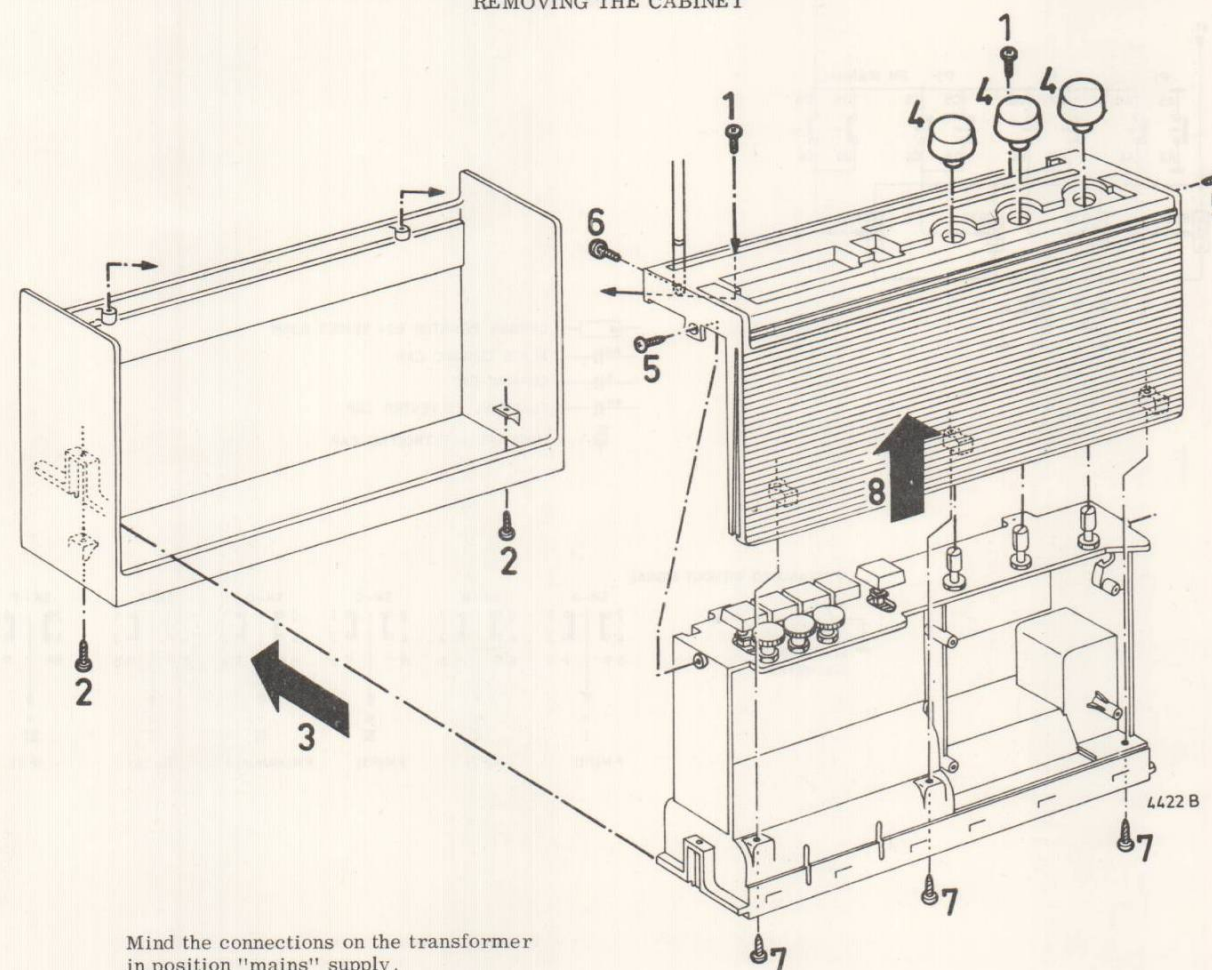


Subject to modification
4822 725 11249
Printed in The Netherlands

PHILIPS

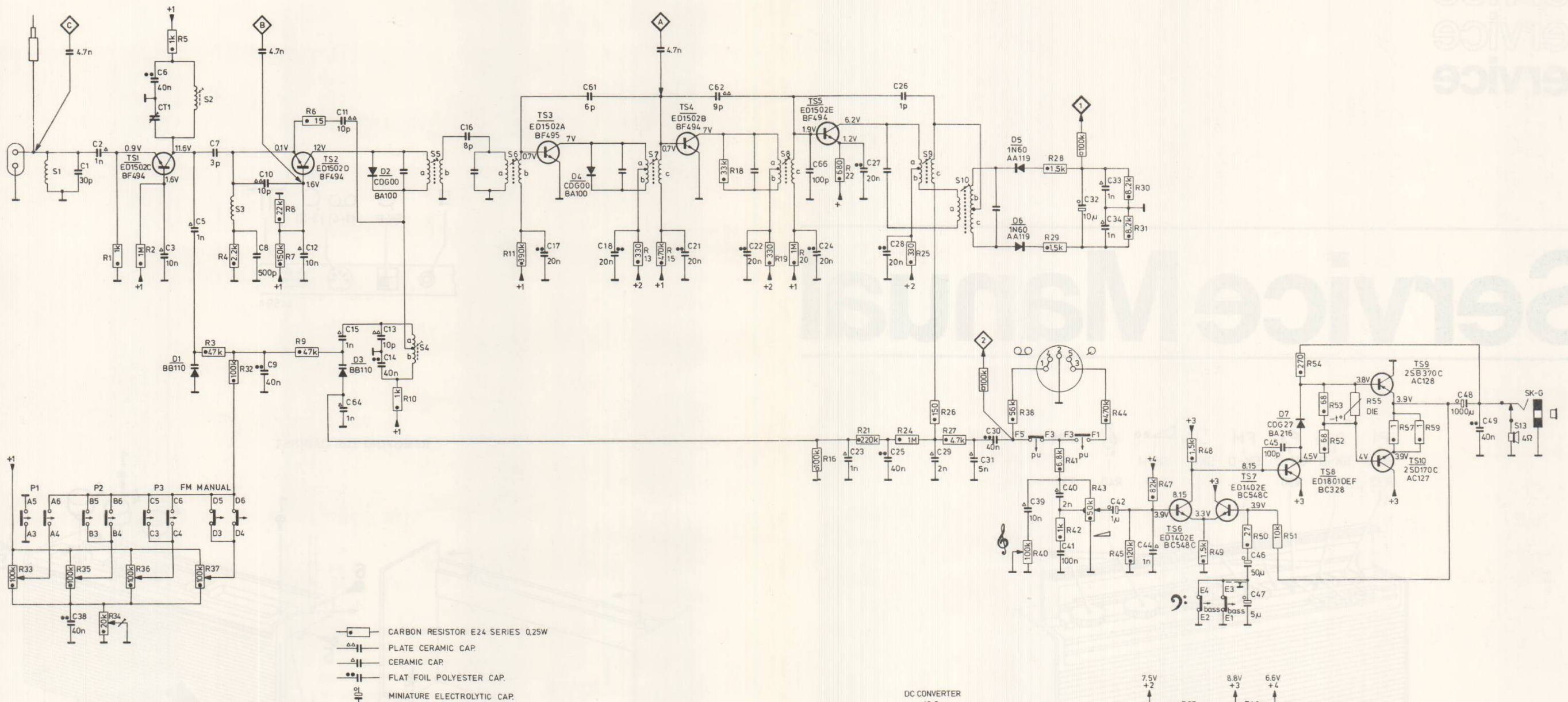


REMOVING THE CABINET

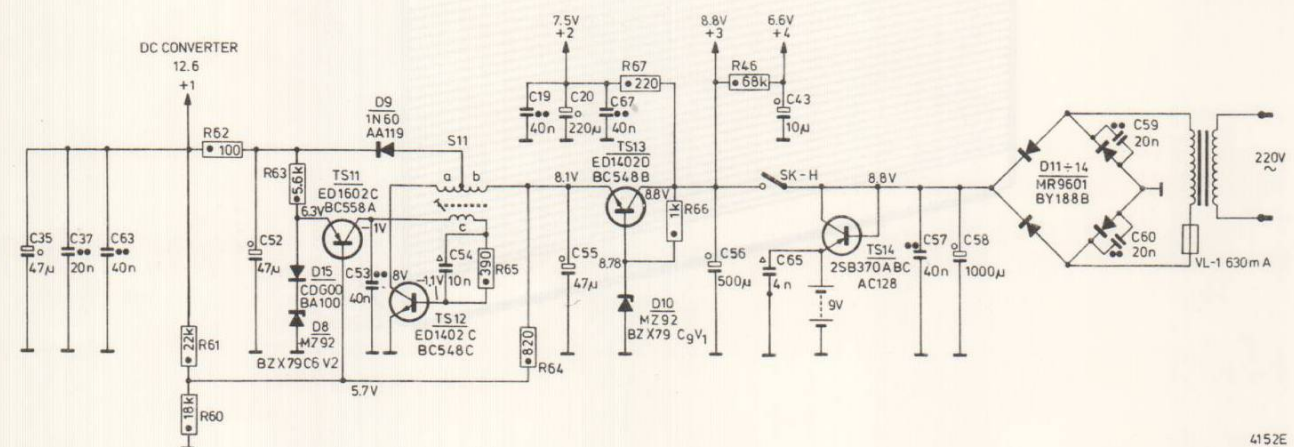
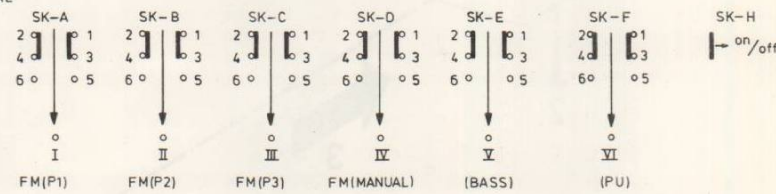
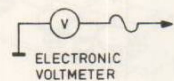


Mind the connections on the transformer in position "mains" supply.

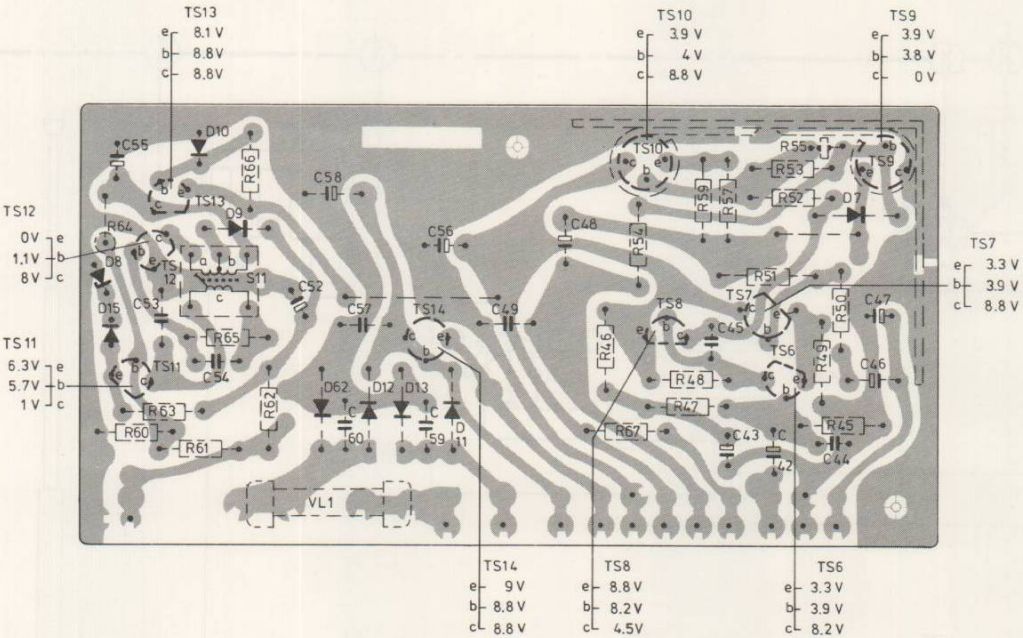
MISC	S1	TS1	D1	S2	S3	TS2	D3	S4	TS3	D4	TS4	TS5	D15,8,5,6	TS11	S11	TS6	D10	TS7,8	TS14	D7	TS9	D11-14	S13	MISC															
C	1	2	6	CT1	3	7	8	9	10	12	11	15	16	17	61	18	21	62	22	66	24	23	27	28	25	26	29	31	30	39	32	33	34	44	46	47	48	49	C
C			38																																				C
R	1	2	5	3	4	8	7	9	6																													R	
R			33	35	34	36	37	32																														R	



... V MEASURED WITHOUT SIGNAL



MISC.	D8,15	TS11,13	D10,9	S11	VL1	D14	D12,13	TS14	D11	TS10,8	TS7,6	D7	TS9
MISC.	S9	D6,5	S10	TS5	SK-E	S8	TS4	S7	SK-D	D4	TS3	SK-C	S6
C	55	53	54	52	58	60	59	56	49	48	45	42,43	44
C	28÷31	26	27	24	32÷34	62	22	21	38	67	25	17÷20	61
R	60	63	61	65	66	62					46	67	54
R	25÷29	22	20	24	18	19	30	31	34	15	13	21	11
											10	16	
											7	8	6
											32	94	3
											5	1	2



SK----	(wave range)	(signal to)	tuning	detune		
FM	87.5-104 MHz	10.7 MHz F = 200 kHz 50 Hz via 5 nF	max. freq.	S10	S9	1 2
					S8,S7,S6,S5	
					S10	2 1
FM	87.5-104 MHz	105 MHz 86.5 MHz 103 MHz 88 MHz	max. freq. min. freq. tune in		S4 R34 CT1 S2	2 V max.

GB

- 1 Interrupt a connection of C32
Adjust for maximum height and symmetry
- 2 Restore the original connection
Adjust for maximum slope and symmetry of the "S"-curve

F

- 1 Interrompre une connexion de C32
Ajuster sur hauteur et symétrie maximales
- 2 Reprendre la liaison
Ajuster sur raideur et symétrie maximales de la courbe en "S"

NL

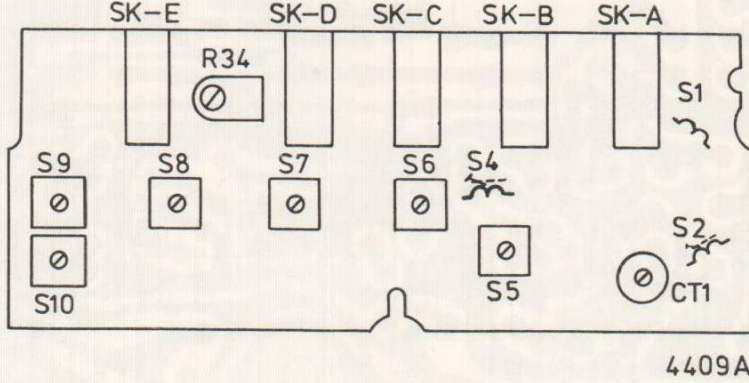
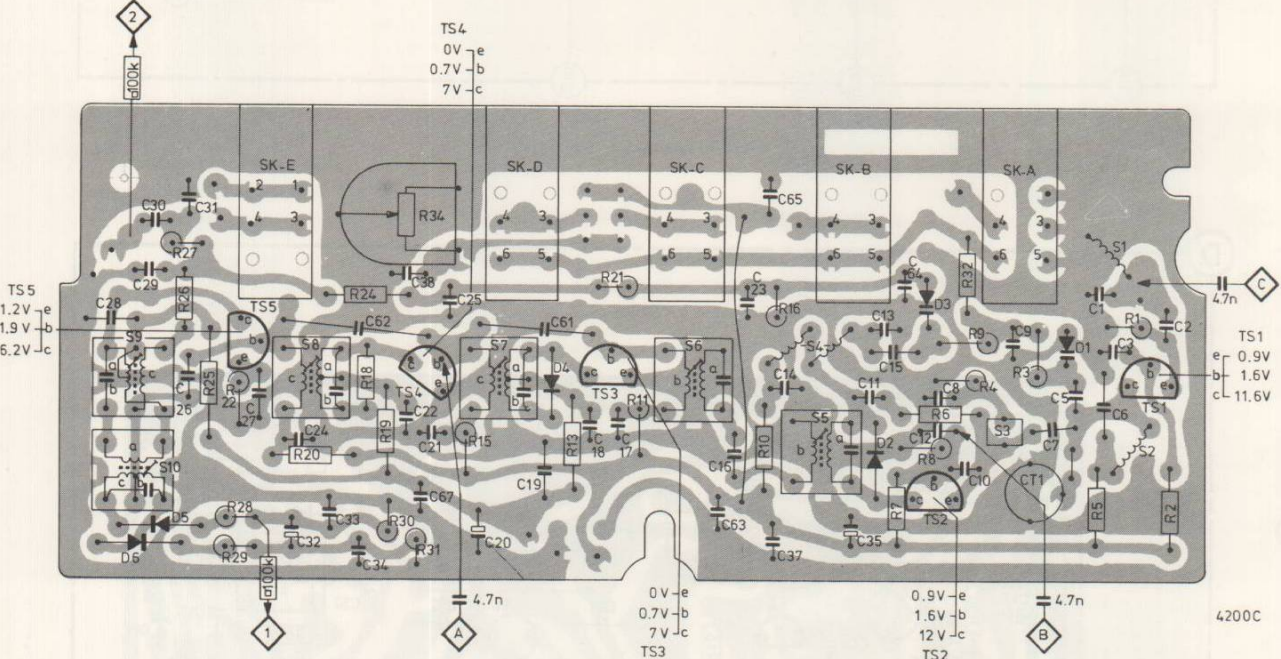
- 1 Onderbreek een aansluiting van C32
Afregelen op maximum hoogte en symetrie
- 2 Herstel de oorspronkelijke aansluiting van C32
Afregelen op maximum steilheid en symetrie van de "S" kromme

D

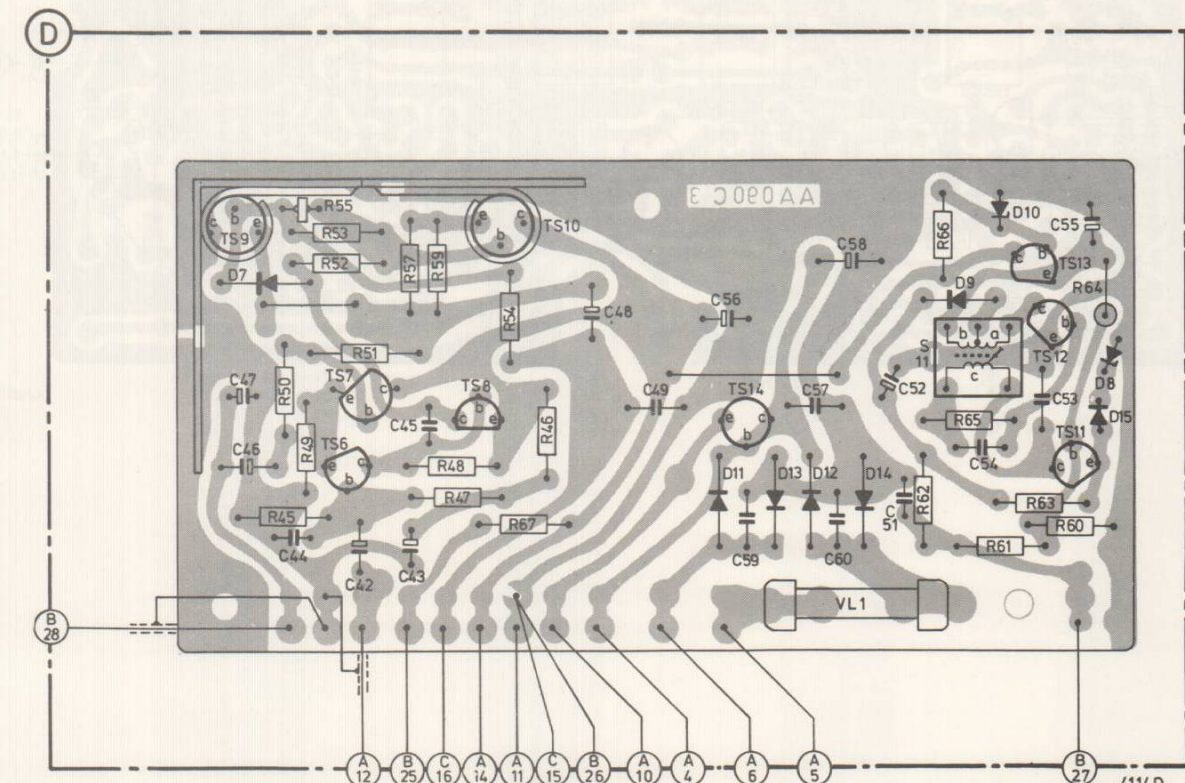
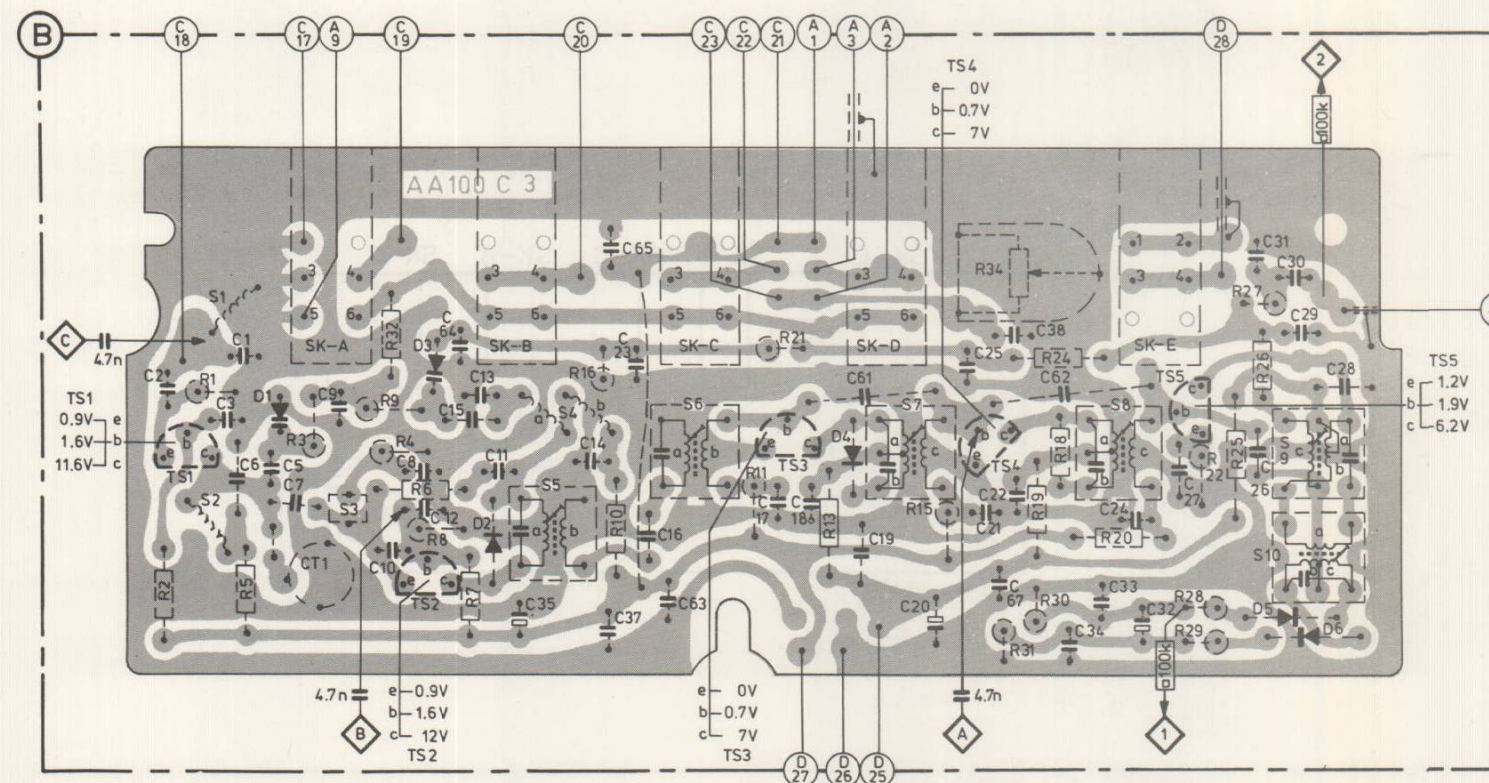
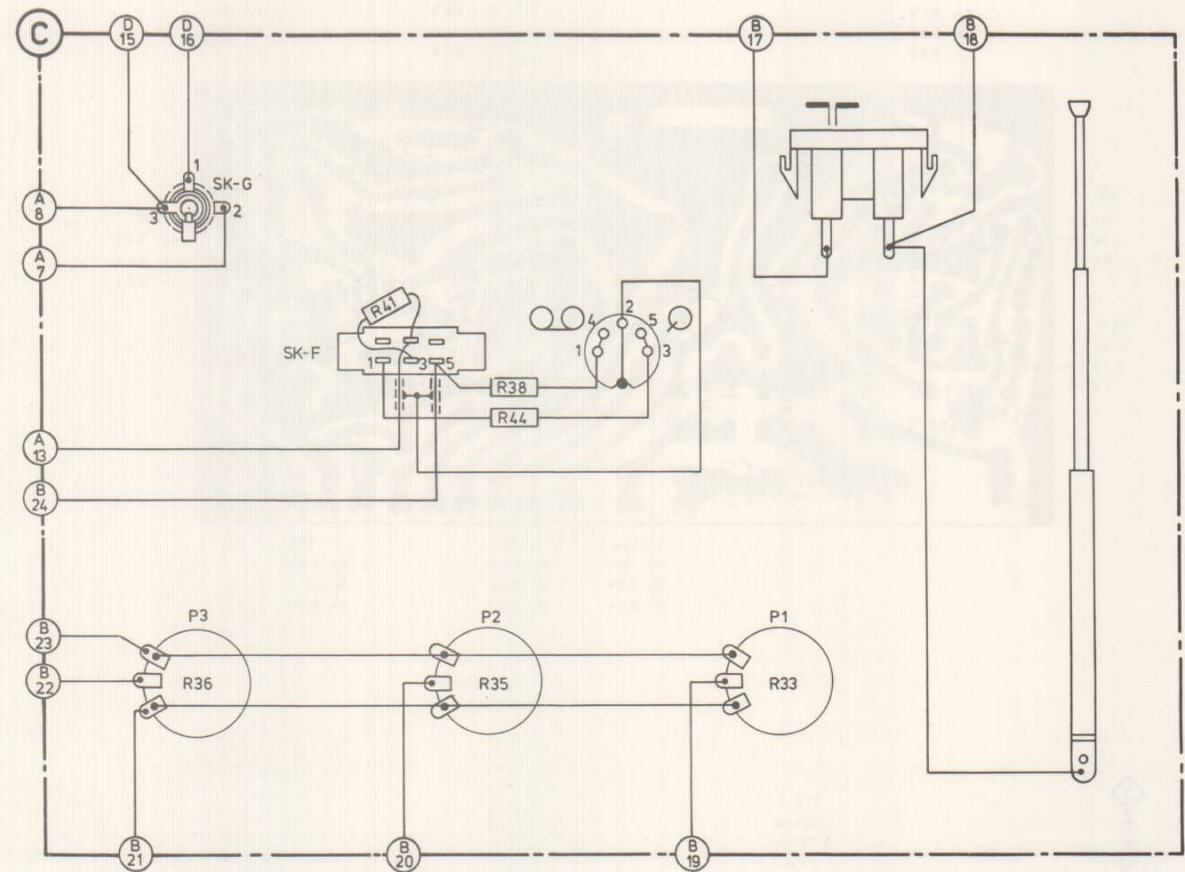
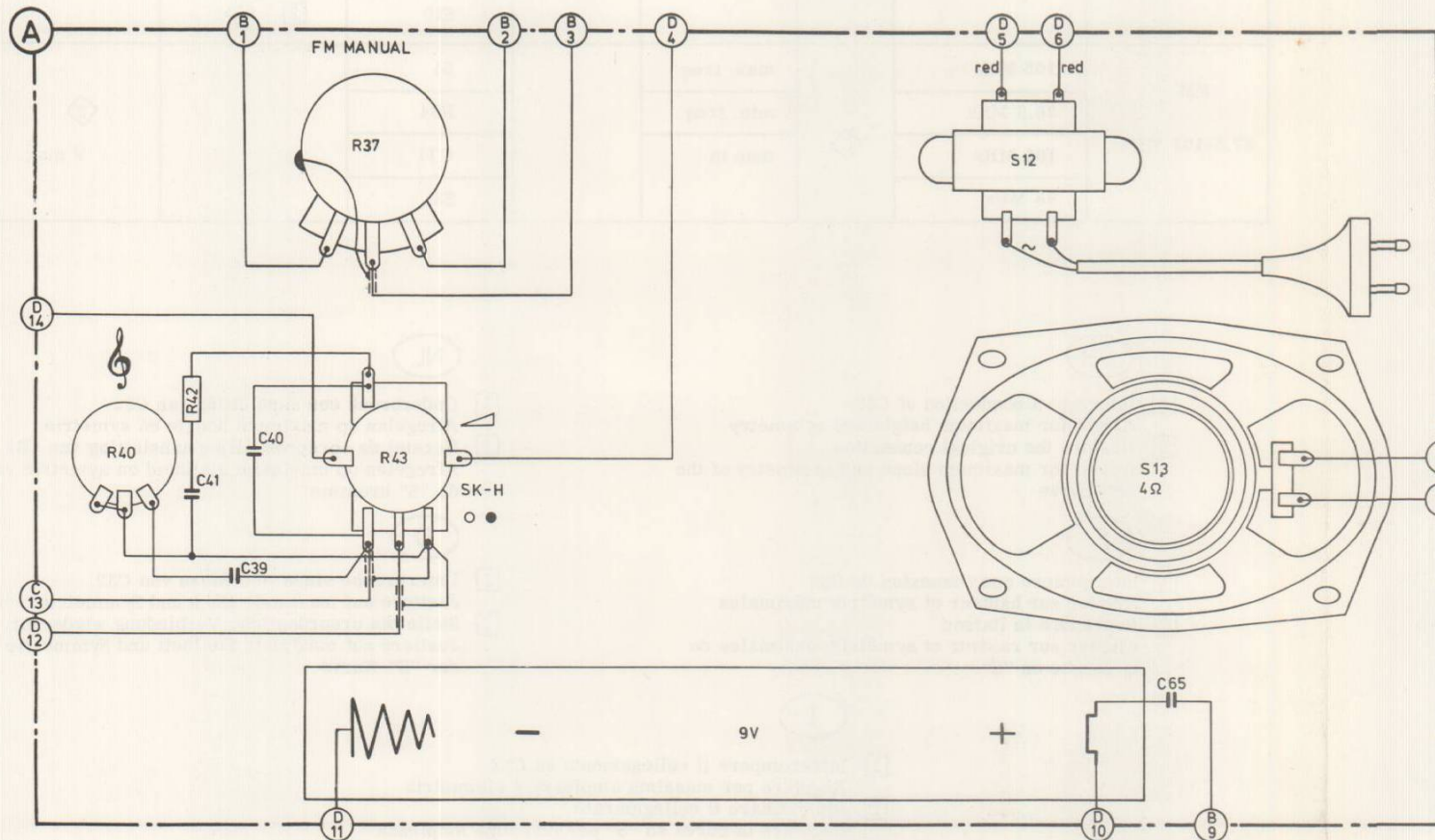
- 1 Unterbreche einen Anschluss von C32
Justiere auf maximale Höhe und Symmetrie
- 2 Stelle die ursprüngliche Verbindung wiederher.
Justiere auf maximale Steilheit und Symmetrie der "S"-Kurve.

I

- 1 Interrompere il collegamento su C32
Regolare per massima ampiezza e simmetria
- 2 Ripristinare il collegamento
Regolare la curva ad "S" per massima ampiezza e simmetria



MISC.	S1 D1 SK-A D3 SK-H SK-B S4 SK-C SK-D S12 SK-E TS5 S13														TS9 D7 TS7 SK-F TS8 TS10 TS14 D9 D10 TS13 12 D8 15																
MISC.	TS1	S2	S3	TS2	D2	S5	S6	TS3	D4	S7	TS4	S8	D5,6	S9,10	SK-G	TS6				D11	D12+14	VL1	S11	TS11							
C	2	1	39+41	9		64	13		23	65		61	25	38	62	28+31	65	47	45		48	49	56	57	58	51	52	53	55		
C			5+7	CT1		10	8	12	11	35	14	37	16	63	17+19		20+22	67	32+34	24	27	26		59	60		54				
R	40	42			37	32	43			21			34	24						36	49+53	55	57	59	35	54	38	44			
R		2	5		4	6	8		10		11	13	15	31	30	19	18	20	28	29	22	25		45		48	47	67	46		



OPER

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TS12

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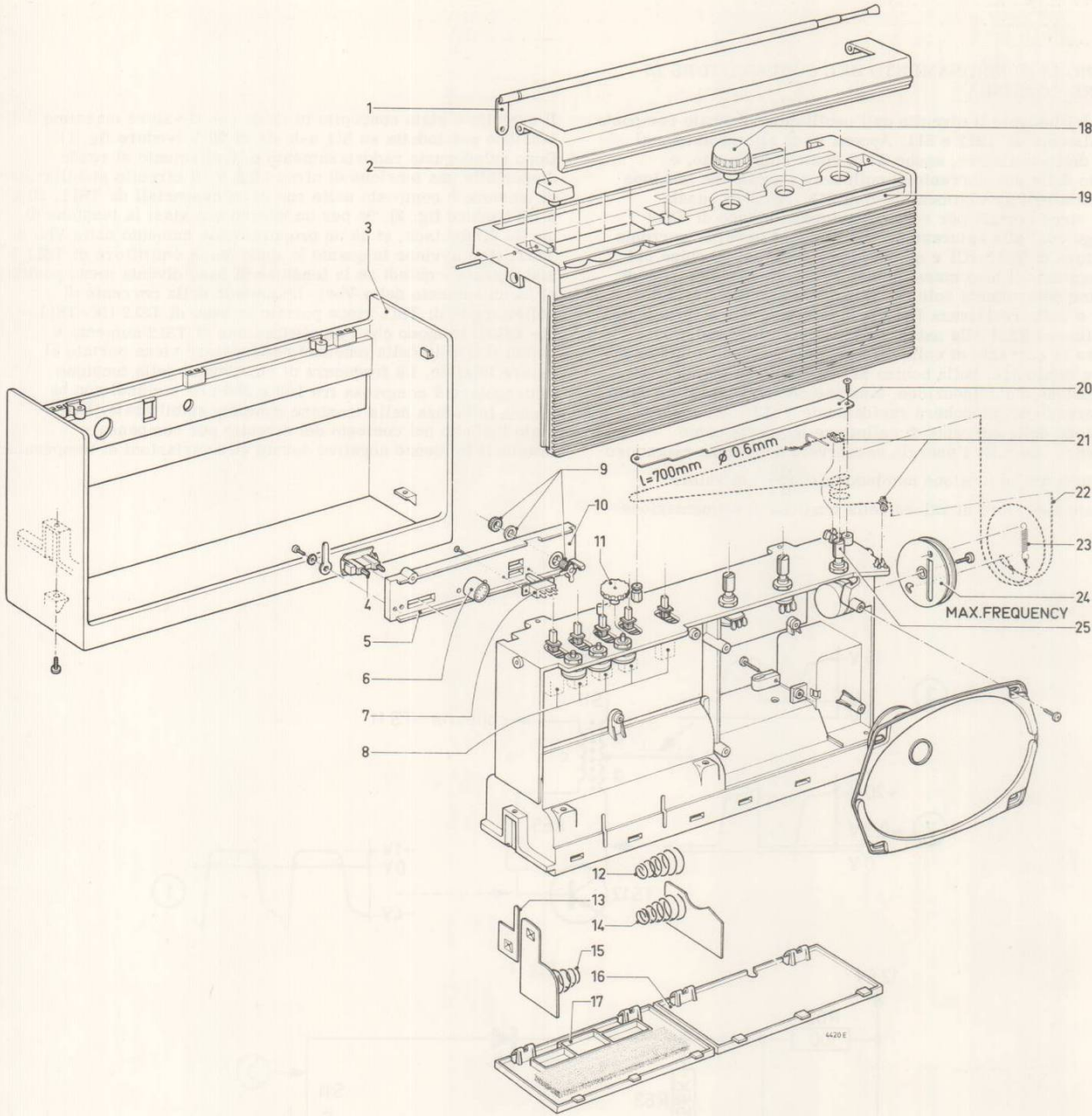
auto-



hanno TS1 2



tender:



Pos.	Code number	Pos.	Code number	Pos.	Code number	Pos.	Code number	Pos.	Code number
1	4822 303 30155	6	4822 267 40039	12	4822 492 51068	17	4822 423 40362	22	4822 321 30132
2	4822 410 21501	7	4822 277 20155	13	4822 290 80272	18	4822 413 40694	23	4822 492 40445
3	4822 422 40118	8	4822 276 40236	14	4822 290 80271	19	4822 420 40264	24	4822 528 80645
4	4822 267 30208	9	4822 267 30043	15	4822 290 80269	20	4822 333 40195	25	4822 535 70557
5	4822 459 50168	11	4822 413 30661	16	4822 423 40363	21	4822 528 80646		

-S- 				-D- 			
S5,S6		4822 153 50197		D1,D3	pair	BB110G	4822 130 30881
S7,S8		4822 153 50198		D2,D4		BA216	5322 130 30702
S9		4822 153 10237		D5,D6	pair	AA119	4822 130 30312
S10		4822 156 30442		D7		BA216	5322 130 30702
S11		4822 156 30484		D8		BZX79 6V2	5322 130 30766
S12		4822 145 20203		D9		AA119	5322 130 40229
Speaker	mains transformer 4 Ω 3 W	4822 240 20137		D10		BZX79 9V1	5322 130 30667
				D11÷D14		BY188B	4822 130 30882
-TS- 				-C-  -R- 			
TS1,TS2	BF194	5322 130 40303		CT1	10 pF trimmer		4822 125 50062
TS3,TS4	BF195	5322 130 40304		C1	30 pF 5 %		4822 120 33066
TS5	BF194	5322 130 40303		C7	3 pF		4822 120 21039
TS6,TS7	BC148C	4822 130 40361		C16,C61	8 pF		4822 122 31194
TS8	BC328	4822 130 40993		C13	10 pF temp. comp.		4822 122 30006
TS9,TS10 pair	AC127/128	5322 130 40382		R33,R35,R36	100 kΩ potmeter		4822 101 20463
TS11	BC158A	5322 130 40614		R34	20 kΩ Trimpotmeter		4822 100 10051
TS12,TS13	BC148B	5322 130 40318		R37	100 kΩ potmeter		4822 101 20465
TS14	AC128	5322 130 40095		R40	100 kΩ potmeter		4822 101 20464
				R43	50 kΩ potmeter + SK-H		4822 101 50194
				VL1	630 mA		4822 253 20018

Servicemededeling

PHILIPS NEDERLAND B.V. - EINDHOVEN
TECHNISCHE SERVICE

Ref. R 326

Type 90 RL 332

Datum januari 1976

RADIO

1. De varicap-diode BB-110G is vervangen door de varicap-diode SMV751, welke onder hetzelfde bestelnummer 4822 130 30881 zal worden geleverd.
Bij vervanging door een SMV751, zal de FM-tuner volgens de trim-tabel opnieuw moeten worden afgeregeld.
2. Ook zijn de volgende componentenwaarden gewijzigd:
R11 was 390 kohm, wordt 820 kohm
R515 was 470 kohm, wordt 820 kohm



PHILIPS

Servicemededeling

PHILIPS NEDERLAND B.V. - EINDHOVEN
TECHNISCHE SERVICE

Ref.

R 286

Type

90 RL 332

Datum

april 1975

Volumeregelaar, toonregelaar, afstemas en de knoppen zijn gewijzigd.

Het oude type as was rond en gekarteld, terwijl de nieuwe as een afgeplatte zijde heeft. Bovendien is het binnenwerk van de knop die op de as gemonteerd wordt, gewijzigd.

Bestelnummer zijn:

Volumeregelaar	:	R 43	4822 101 50203
Toonregelaar	:	R 40	4822 101 30313
Afstemas	:	Pos. 25	4822 535 90972
Knop	:	Pos. 18	4822 413 40645

Het bestelnummer van de handgreep is: 4822 498 40368.



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